

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036620.D
 Acq On : 24 Jul 2023 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

Quant Time: Jul 25 05:15:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	197674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	340450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	146695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144971	49.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.120%		
35) Dibromofluoromethane	5.385	113	115313	49.278	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.560%		
50) Toluene-d8	8.647	98	414016	49.891	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.780%		
62) 4-Bromofluorobenzene	11.079	95	162477	51.896	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126177	48.319	ug/l	98
3) Chloromethane	1.300	50	109619	46.153	ug/l	98
4) Vinyl Chloride	1.374	62	119836	49.556	ug/l	99
5) Bromomethane	1.617	94	72163	49.985	ug/l	99
6) Chloroethane	1.684	64	62100	52.821	ug/l	98
7) Trichlorofluoromethane	1.886	101	194632	52.120	ug/l	99
8) Diethyl Ether	2.136	74	74101	51.290	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.331	101	119077	53.075	ug/l	99
10) Methyl Iodide	2.453	142	126977	54.490	ug/l	92
11) Tert butyl alcohol	2.983	59	178171	257.306	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	113434	51.247	ug/l	89
13) Acrolein	2.239	56	102179	258.564	ug/l	99
14) Allyl chloride	2.666	41	217422	49.883	ug/l	93
15) Acrylonitrile	3.062	53	371716	266.933	ug/l	99
16) Acetone	2.386	43	330835	272.581	ug/l	90
17) Carbon Disulfide	2.514	76	296647	48.559	ug/l	99
18) Methyl Acetate	2.703	43	274145	53.692	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	449828	54.080	ug/l	99
20) Methylene Chloride	2.788	84	132606	49.127	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	124263	50.231	ug/l	91
22) Diisopropyl ether	3.757	45	430145	51.976	ug/l	91
23) Vinyl Acetate	3.721	43	1700107	267.812	ug/l	95
24) 1,1-Dichloroethane	3.611	63	240550	51.843	ug/l	98
25) 2-Butanone	4.556	43	530048	269.172	ug/l	96
26) 2,2-Dichloropropane	4.477	77	220878	50.520	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	151040	51.404	ug/l	94
28) Bromochloromethane	4.897	49	119649	53.319	ug/l	93
29) Tetrahydrofuran	5.001	42	335993	264.652	ug/l	94
30) Chloroform	5.092	83	246052	51.833	ug/l	97
31) Cyclohexane	5.470	56	203148	50.163	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	222273	51.101	ug/l	98
36) 1,1-Dichloropropene	5.690	75	178545	51.190	ug/l	98
37) Ethyl Acetate	4.708	43	213185	54.002	ug/l	97
38) Carbon Tetrachloride	5.678	117	194375	52.419	ug/l	98
39) Methylcyclohexane	7.379	83	225054	51.892	ug/l	93
40) Benzene	6.037	78	522474	51.487	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	115236	54.578	ug/l	94
42) 1,2-Dichloroethane	6.086	62	199158	53.679	ug/l	95
43) Isopropyl Acetate	6.336	43	361722	53.230	ug/l	96
44) Trichloroethene	7.123	130	138940	52.381	ug/l	99
45) 1,2-Dichloropropane	7.427	63	141402	52.190	ug/l	98
46) Dibromomethane	7.580	93	102539	54.077	ug/l	97
47) Bromodichloromethane	7.818	83	208346	53.529	ug/l	98
48) Methyl methacrylate	7.689	41	169962	53.781	ug/l	92
49) 1,4-Dioxane	7.689	88	65030	1018.594	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	1018834	270.925	ug/l	96
52) Toluene	8.720	92	335789	52.810	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	241880	54.983	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	249576	53.764	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	143587	53.721	ug/l	97
56) Ethyl methacrylate	9.116	69	241810	55.559	ug/l	94
57) 1,3-Dichloropropane	9.305	76	243948	54.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	566325	264.080	ug/l	98
59) 2-Hexanone	9.427	43	758785	271.872	ug/l	95
60) Dibromochloromethane	9.518	129	162182	55.207	ug/l	100
61) 1,2-Dibromoethane	9.610	107	153404	55.378	ug/l	99
64) Tetrachloroethene	9.275	164	122598	53.583	ug/l	96
65) Chlorobenzene	10.079	112	357554	52.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	142442	54.504	ug/l	99
67) Ethyl Benzene	10.195	91	648863	52.530	ug/l	99
68) m/p-Xylenes	10.299	106	491709	106.691	ug/l	97
69) o-Xylene	10.640	106	244262	53.097	ug/l	98
70) Styrene	10.652	104	405736	53.457	ug/l	99
71) Bromoform	10.799	173	121337	57.355	ug/l #	100
73) Isopropylbenzene	10.963	105	637499	52.511	ug/l	98
74) N-amyl acetate	10.841	43	299931	52.979	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	212223	51.757	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	186315m	53.998	ug/l	
77) Bromobenzene	11.195	156	147762	53.445	ug/l	97
78) n-propylbenzene	11.305	91	741400	52.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	446334	52.461	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	535571	52.733	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	82700	54.325	ug/l #	85
82) 4-Chlorotoluene	11.451	91	510454	52.657	ug/l	99
83) tert-Butylbenzene	11.713	119	525958	52.715	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	536666	52.837	ug/l	98
85) sec-Butylbenzene	11.890	105	665252	53.464	ug/l	98
86) p-Isopropyltoluene	12.006	119	555575	54.263	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	274966	53.697	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	270686	53.266	ug/l	99
89) n-Butylbenzene	12.329	91	500790	54.639	ug/l	100
90) Hexachloroethane	12.536	117	111285	53.615	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	262457	53.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50215	52.700	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	167434	54.997	ug/l	98
94) Hexachlorobutadiene	13.725	225	70659	56.101	ug/l	97
95) Naphthalene	13.774	128	582181	54.876	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165997	55.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

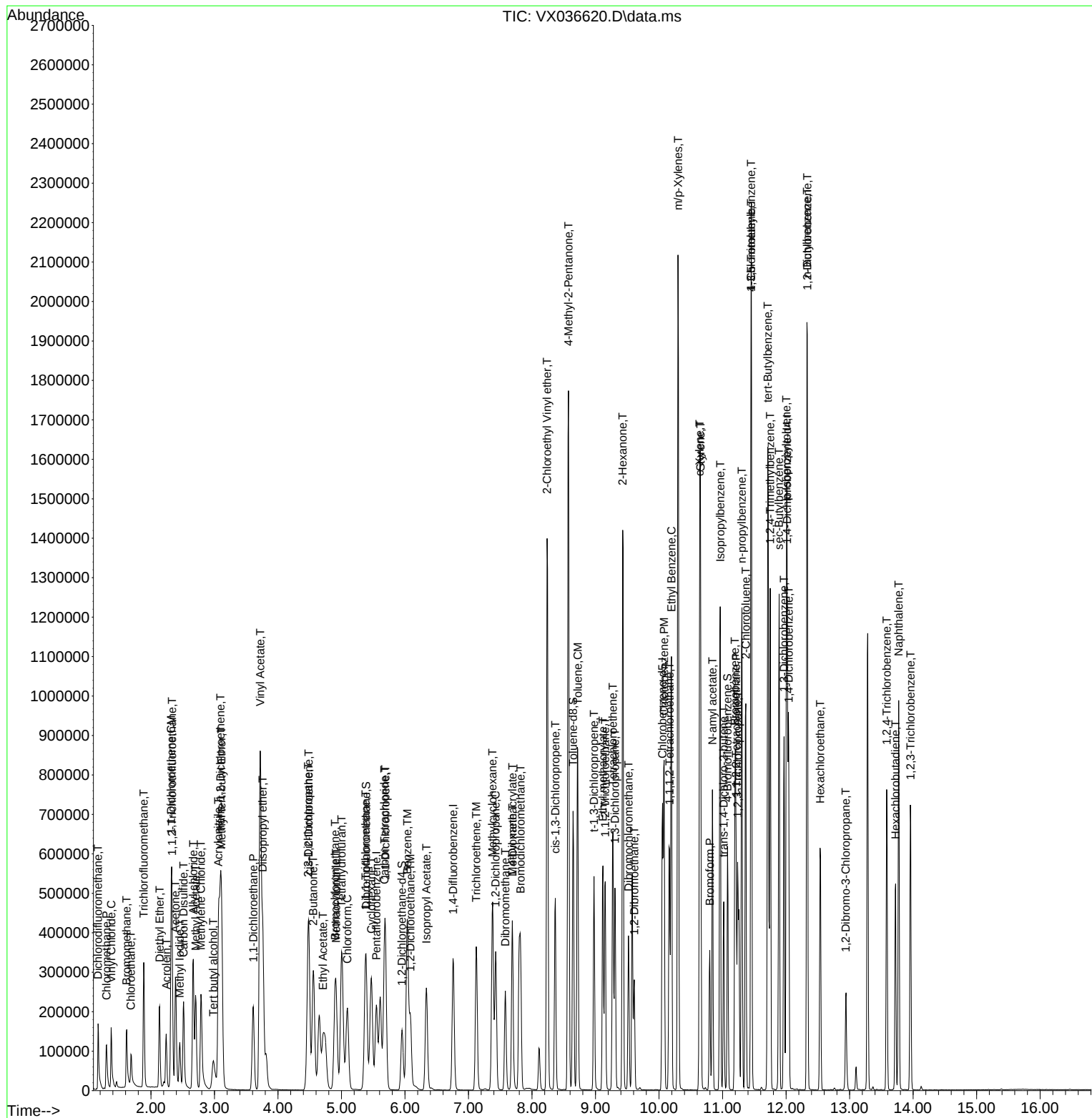
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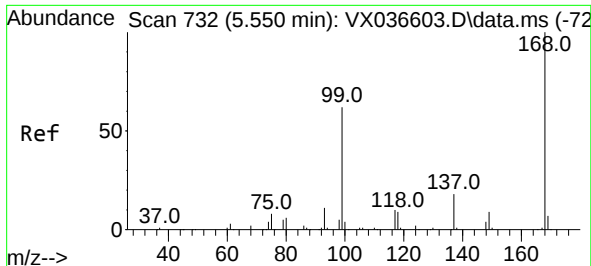
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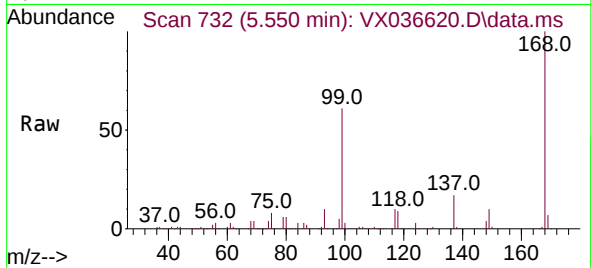
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036620.D
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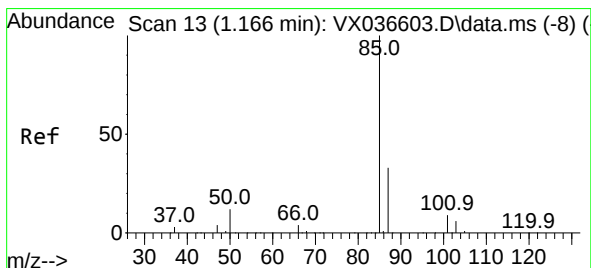
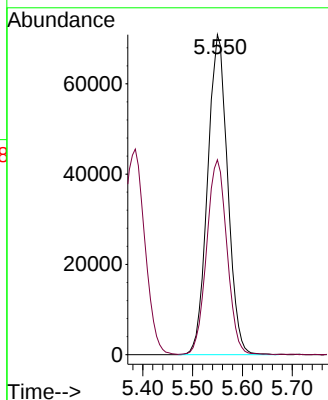
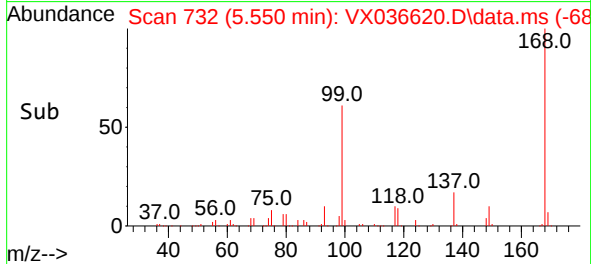
Instrument :
MSVOA_X
ClientSampleId :
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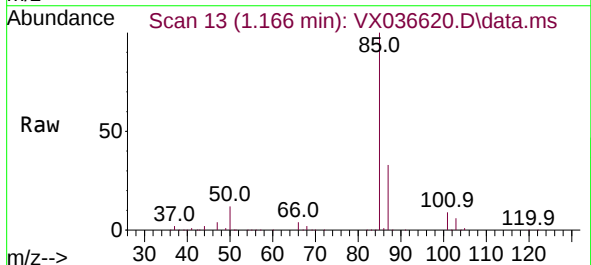
Tgt Ion:168 Resp: 197674
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0

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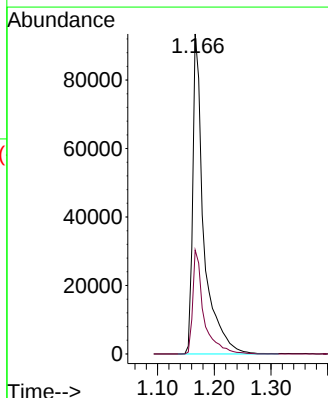
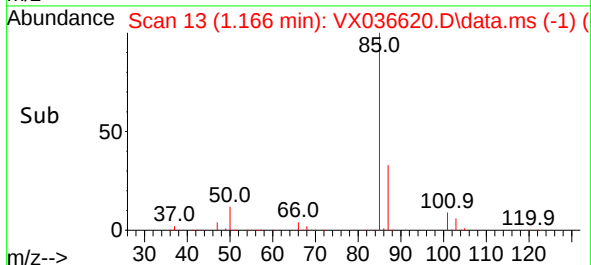
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

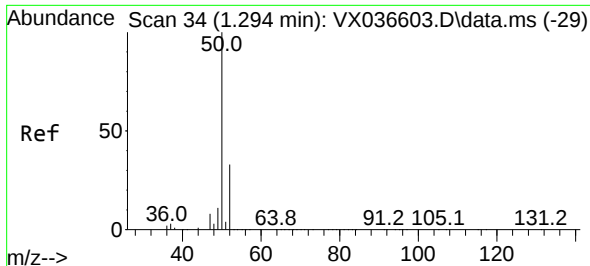


#2
Dichlorodifluoromethane
Concen: 48.319 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24



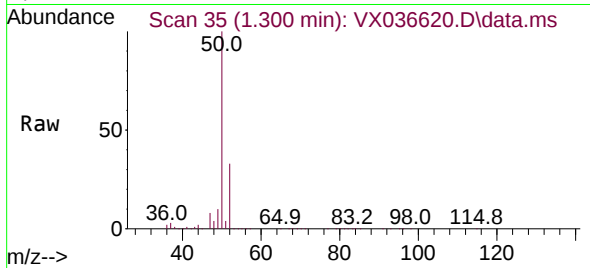
Tgt Ion: 85 Resp: 126177
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





#3
Chloromethane
Concen: 46.153 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

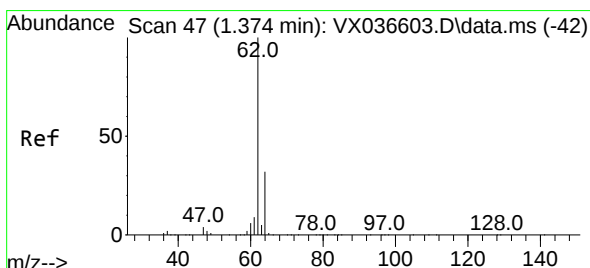
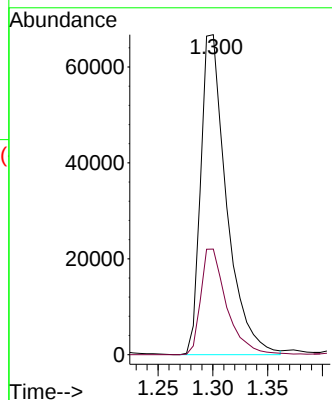
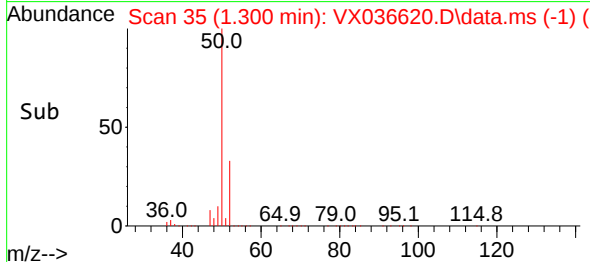
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 109619
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

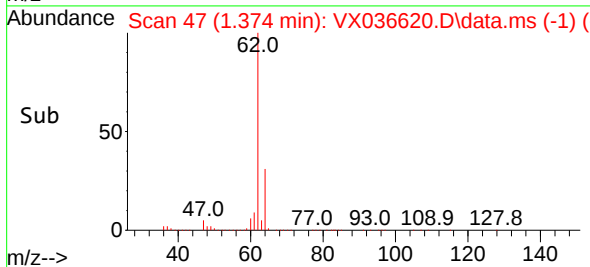
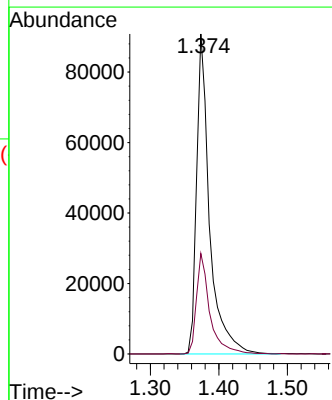
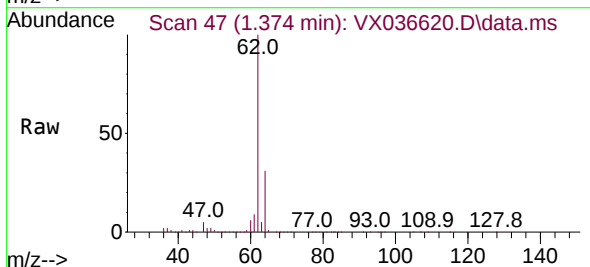
Manual Integrations
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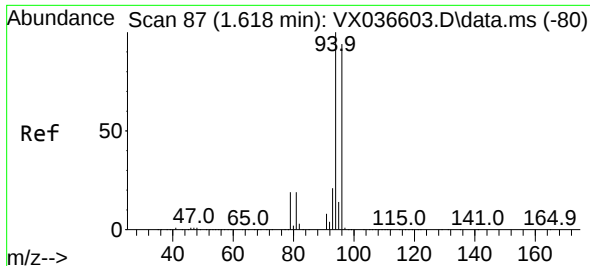
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#4
Vinyl Chloride
Concen: 49.556 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

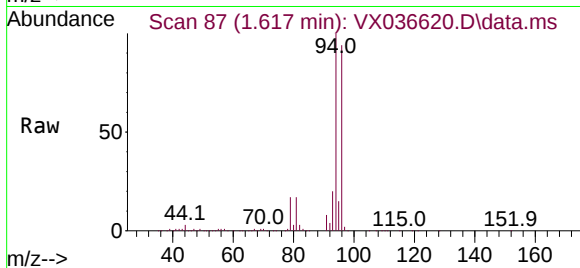
Tgt Ion: 62 Resp: 119836
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 49.985 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

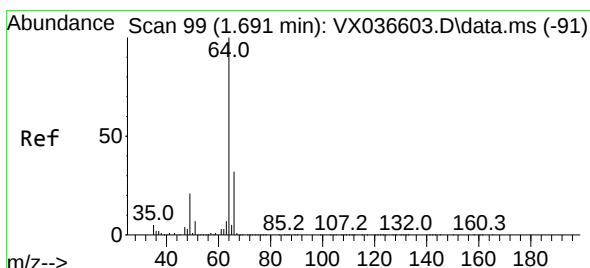
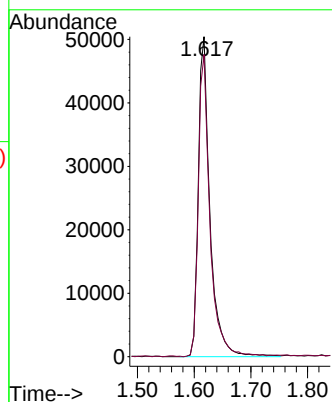
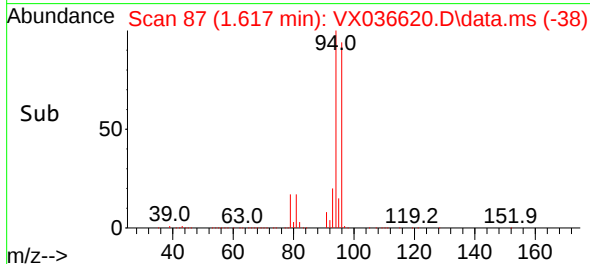
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Tgt Ion: 94 Resp: 7216
Ion Ratio Lower Upper
94 100
96 94.2 74.6 111.8

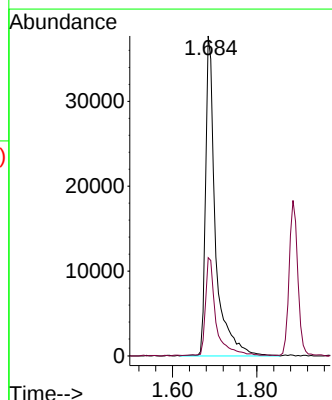
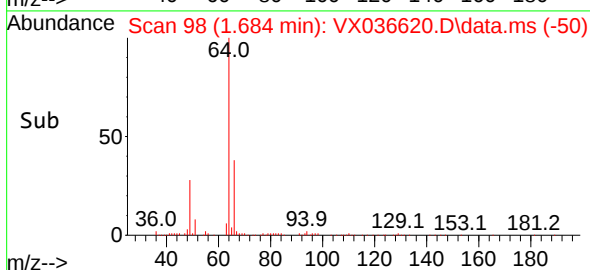
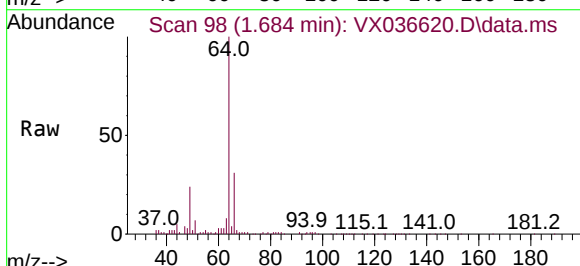
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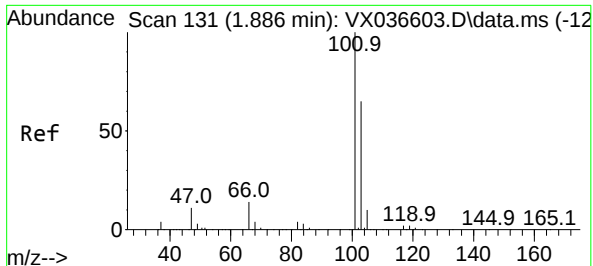
Reviewed By :John Carlone 07/25/2023
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#6
Chloroethane
Concen: 52.821 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

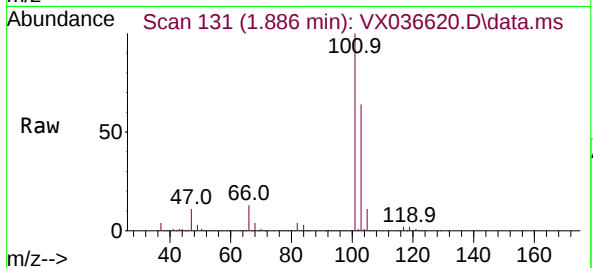
Tgt Ion: 64 Resp: 62100
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 52.120 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

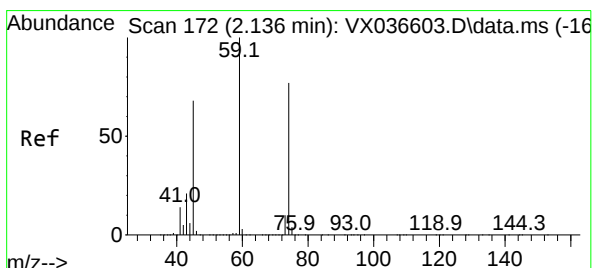
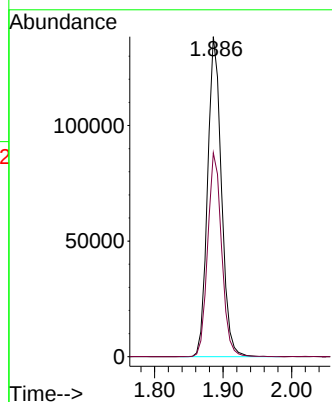
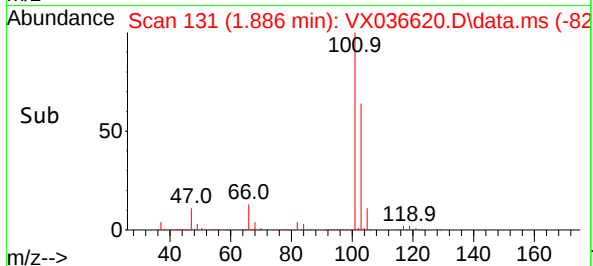
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Tgt Ion:101 Resp: 19463
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.2

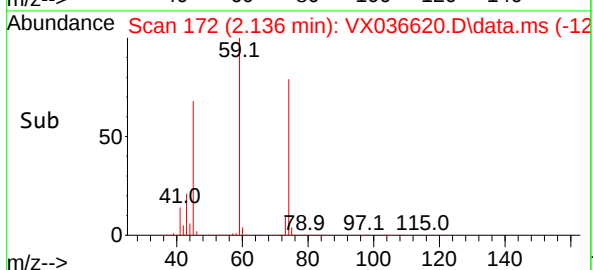
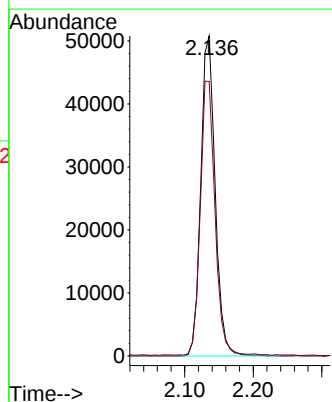
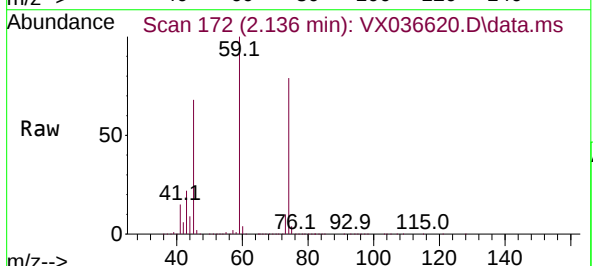
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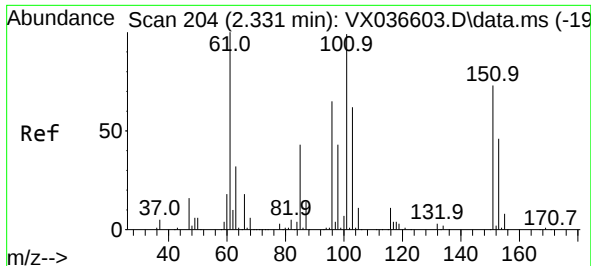
Reviewed By :John Carlone 07/25/2023
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#8
 Diethyl Ether
 Concen: 51.290 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

Tgt Ion: 74 Resp: 74101
 Ion Ratio Lower Upper
 74 100
 45 88.1 53.3 159.8





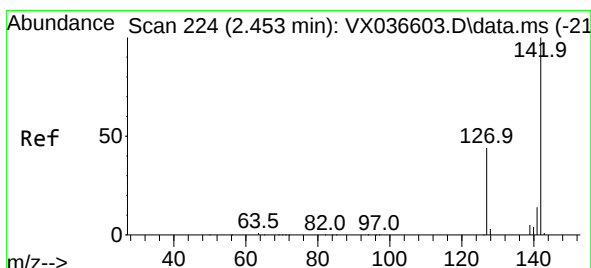
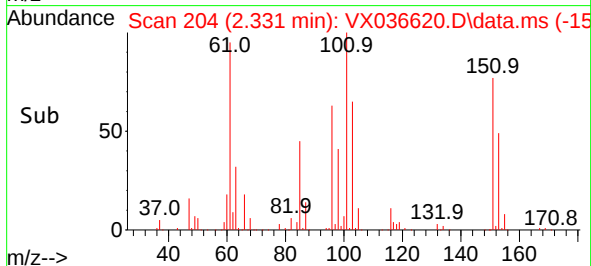
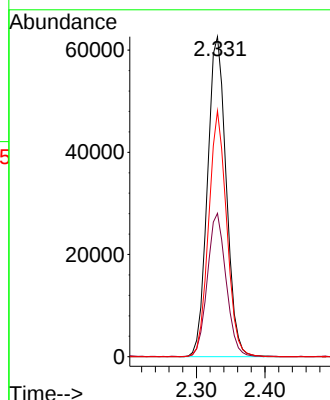
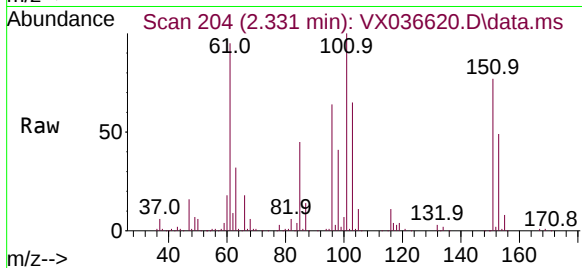
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.075 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11907
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 73.8 58.6 87.8

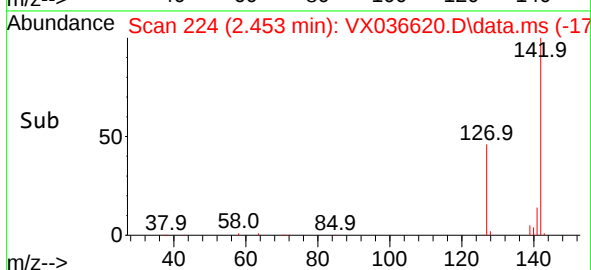
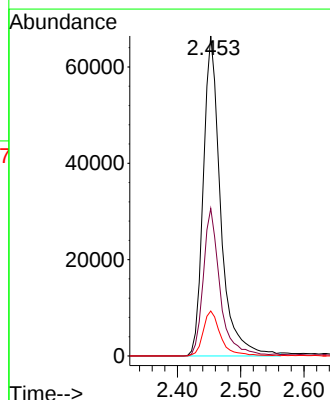
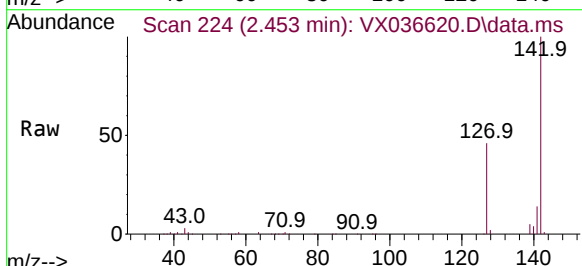
Manual Integrations
APPROVED

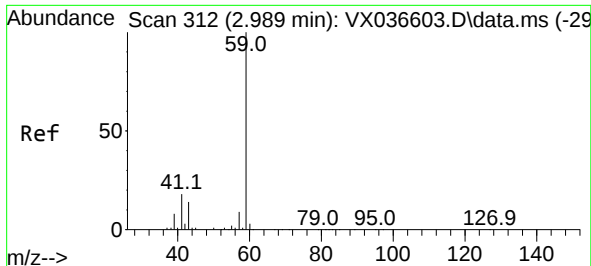
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 54.490 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

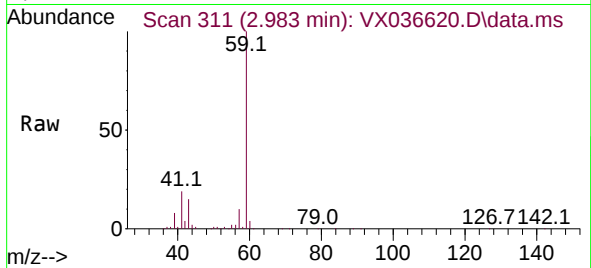
Tgt Ion:142 Resp: 126977
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 257.306 ug/l
RT: 2.983 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

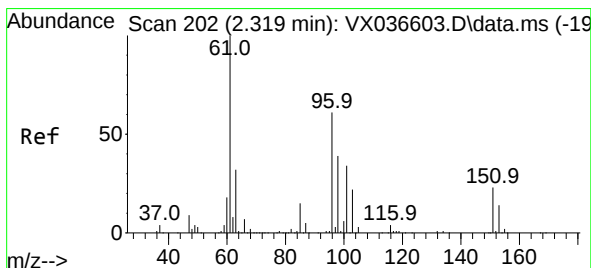
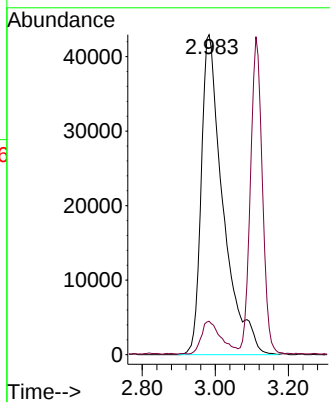
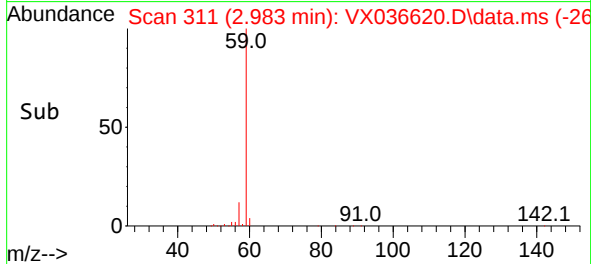
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 17817
Ion Ratio Lower Upper
59 100
57 9.3 6.0 9.0

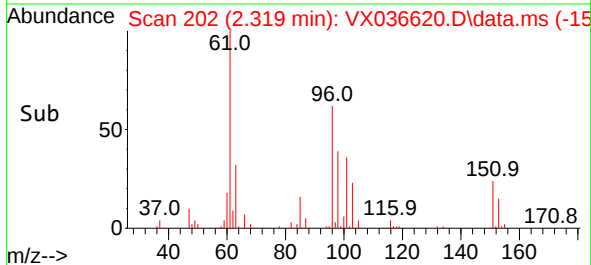
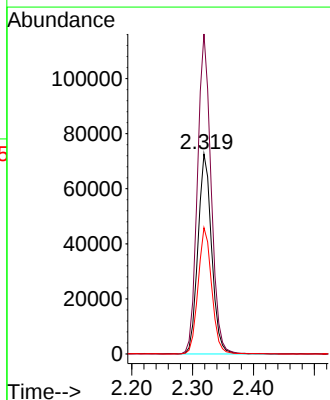
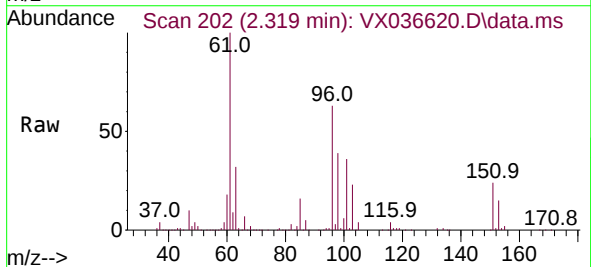
Manual Integrations
APPROVED

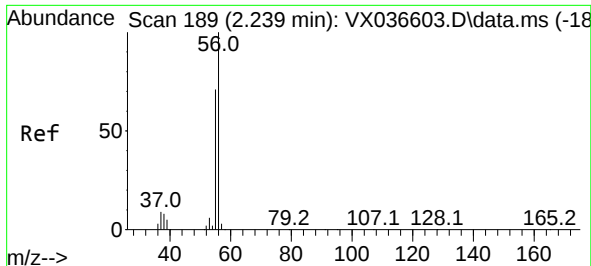
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#12
1,1-Dichloroethene
Concen: 51.247 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

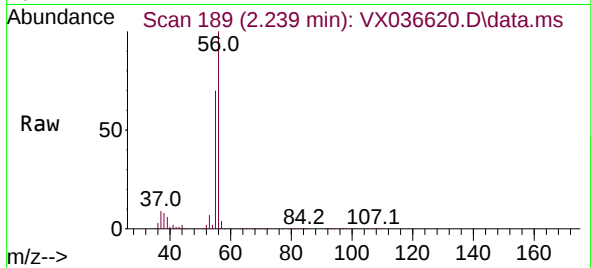
Tgt Ion: 96 Resp: 113434
Ion Ratio Lower Upper
96 100
61 160.0 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 258.564 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

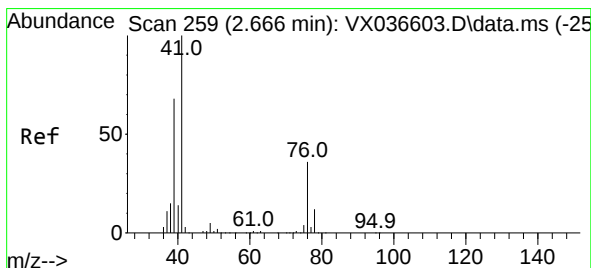
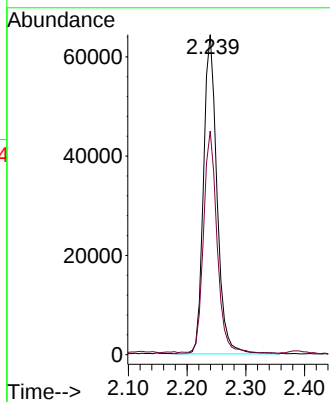
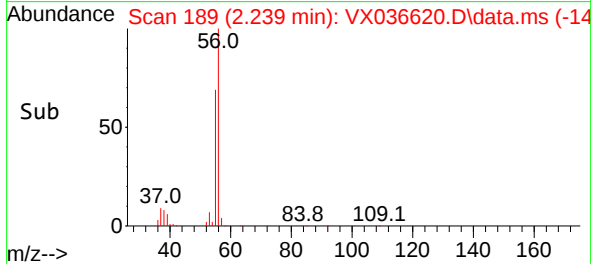
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 102179
Ion Ratio Lower Upper
56 100
55 70.4 57.1 85.7

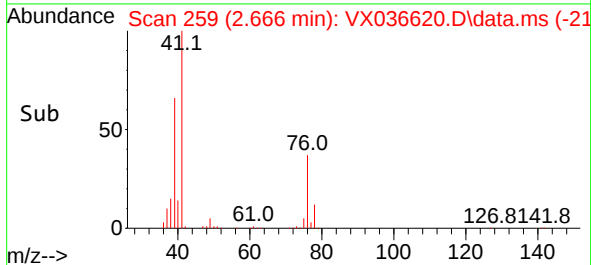
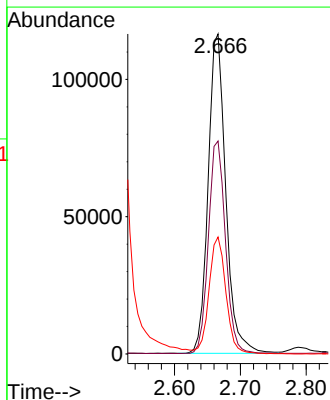
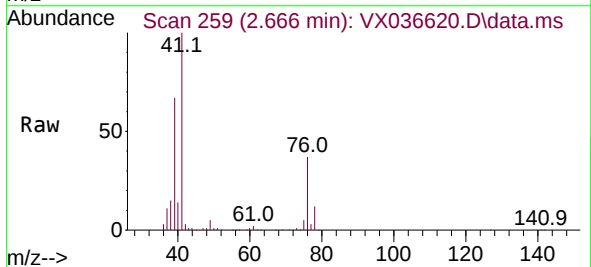
Manual Integrations
APPROVED

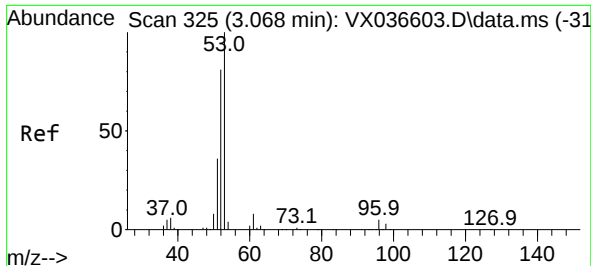
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 49.883 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 41 Resp: 217422
Ion Ratio Lower Upper
41 100
39 64.4 55.8 83.6
76 35.2 24.3 36.5





#15

Acrylonitrile

Concen: 266.933 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

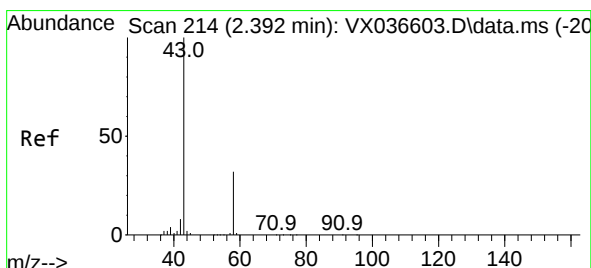
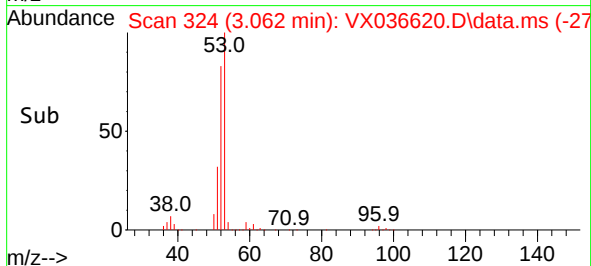
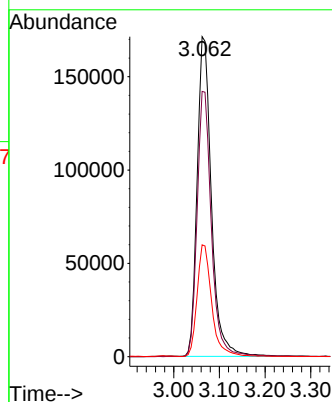
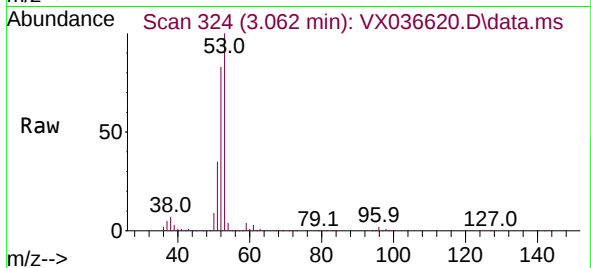
Tgt Ion: 53	Resp: 371710
Ion Ratio	Lower Upper
53 100	
52 82.8	66.0 99.0
51 35.5	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#16

Acetone

Concen: 272.581 ug/l

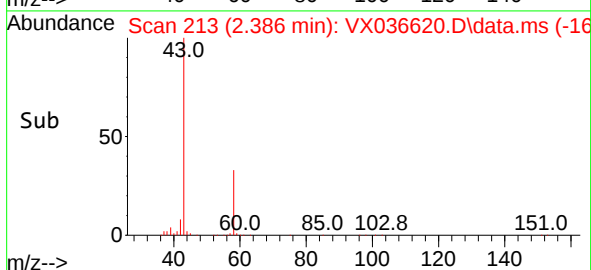
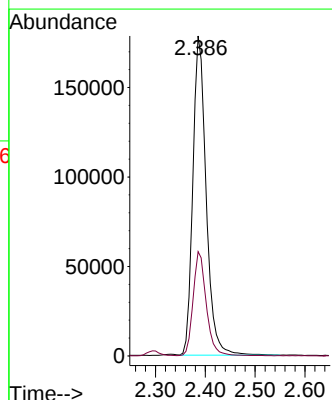
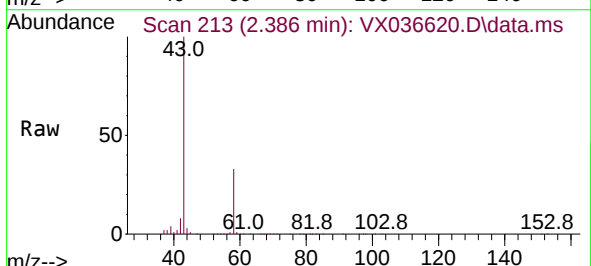
RT: 2.386 min Scan# 213

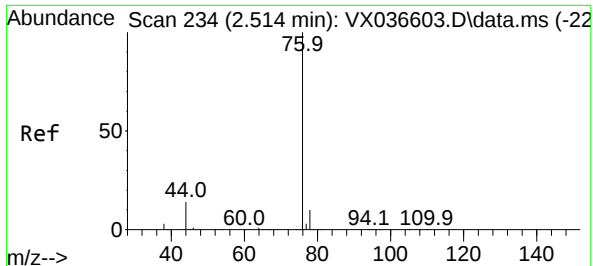
Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion: 43	Resp: 330835
Ion Ratio	Lower Upper
43 100	
58 32.6	21.9 32.9





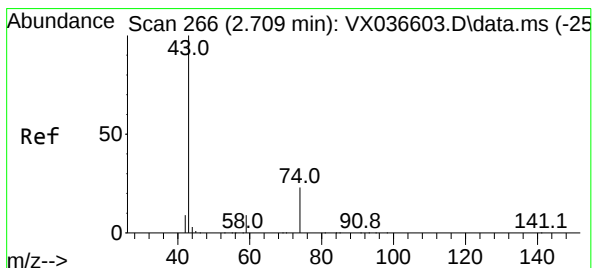
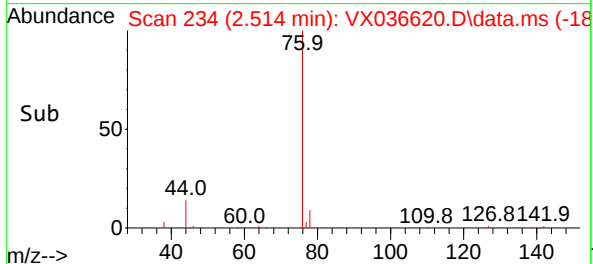
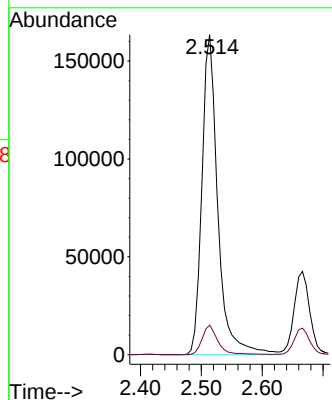
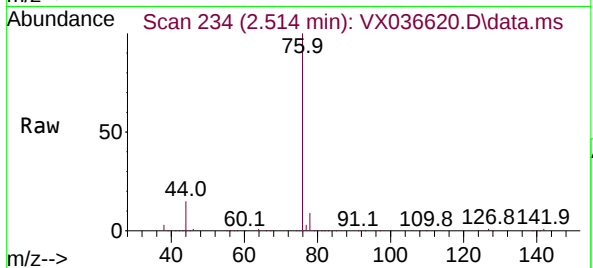
#17
Carbon Disulfide
Concen: 48.559 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 29664
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

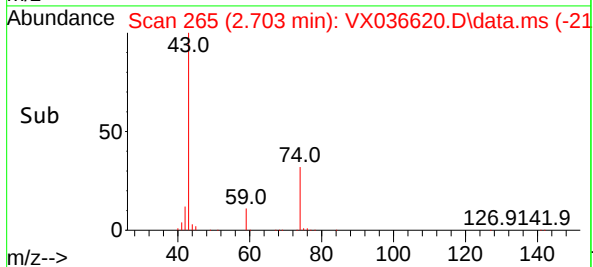
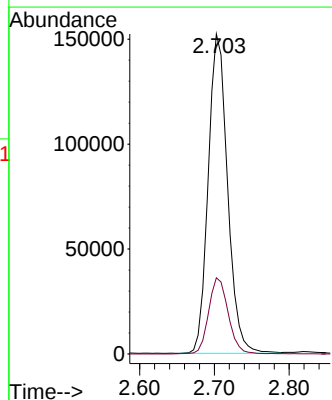
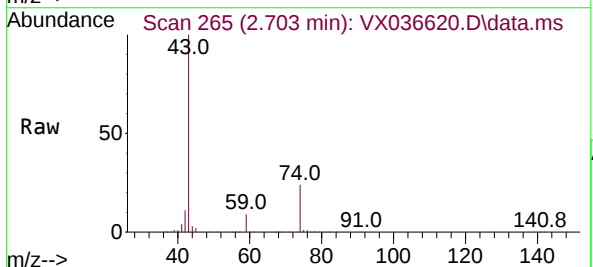
Manual Integrations
APPROVED

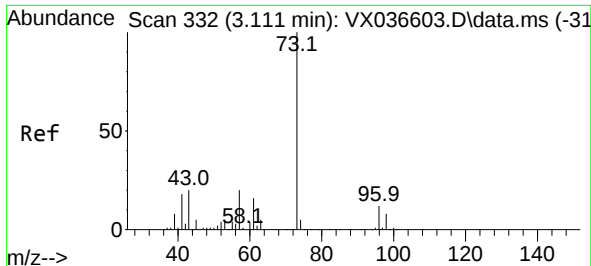
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 53.692 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

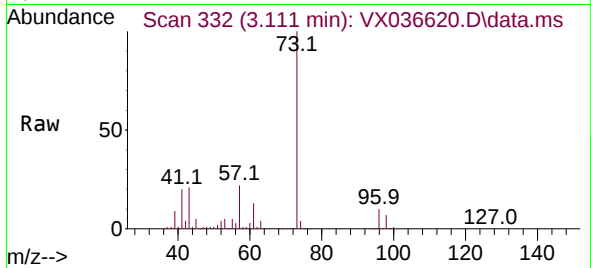
Tgt Ion: 43 Resp: 274145
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 54.080 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

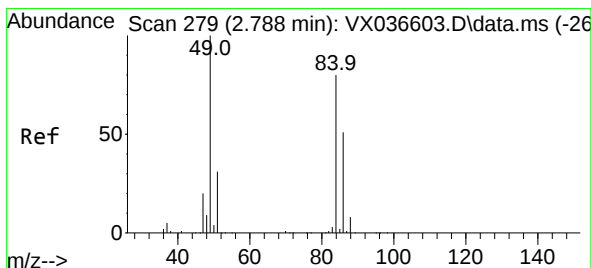
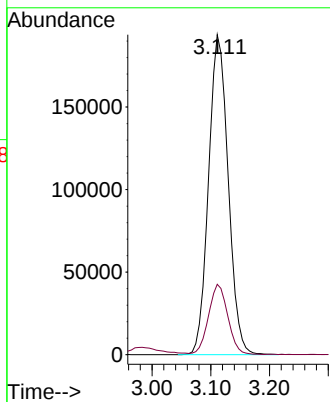
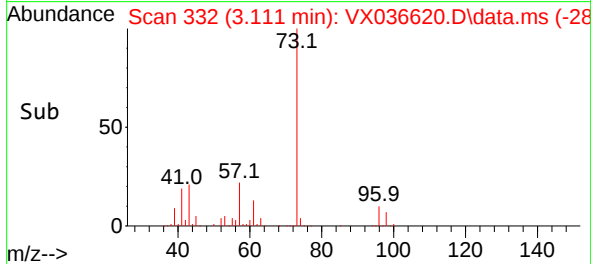
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 449828
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

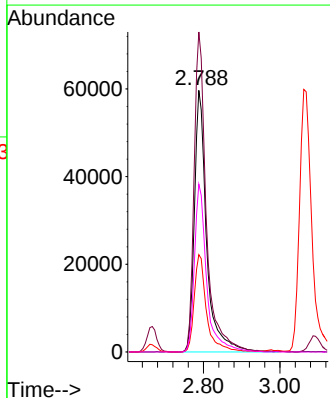
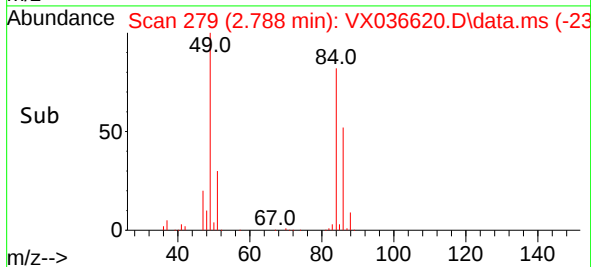
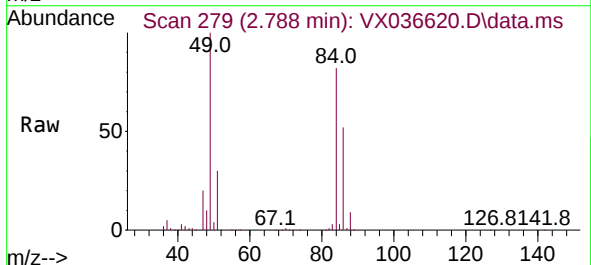
Manual Integrations
APPROVED

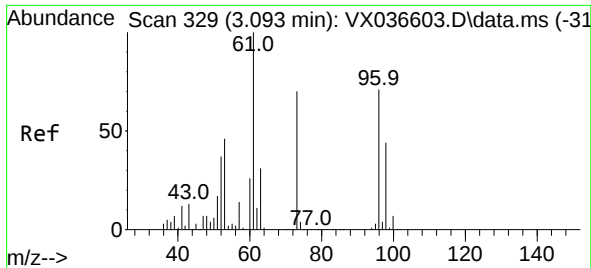
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 49.127 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

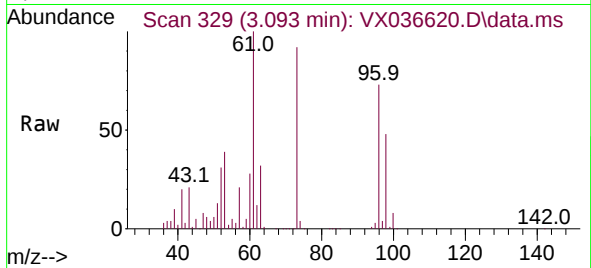
Tgt Ion: 84 Resp: 132606
Ion Ratio Lower Upper
84 100
49 122.3 103.6 155.4
51 37.2 33.8 50.6
86 64.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.231 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

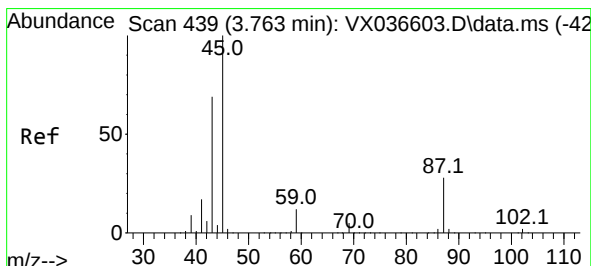
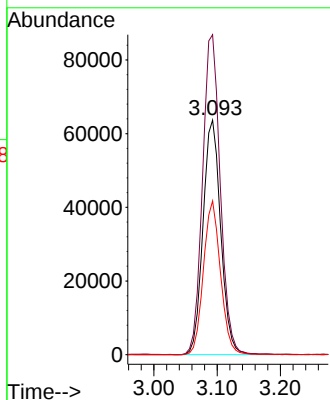
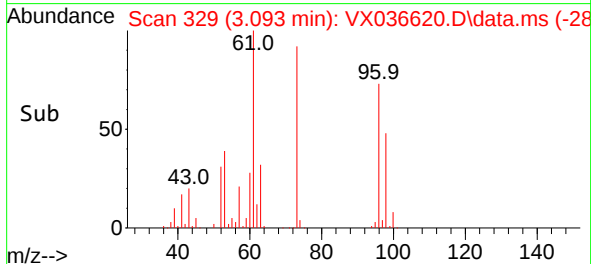
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



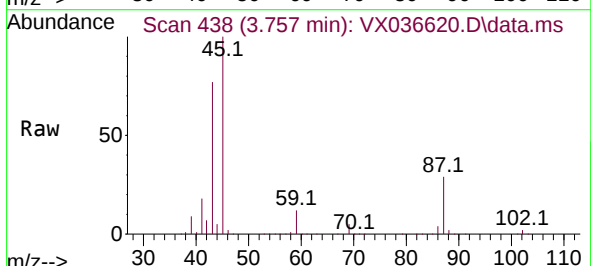
Tgt Ion: 96 Resp: 12426
Ion Ratio Lower Upper
96 100
61 136.4 119.2 178.8
98 65.5 48.7 73.1

Manual Integrations
APPROVED

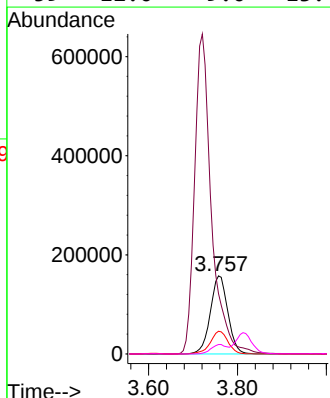
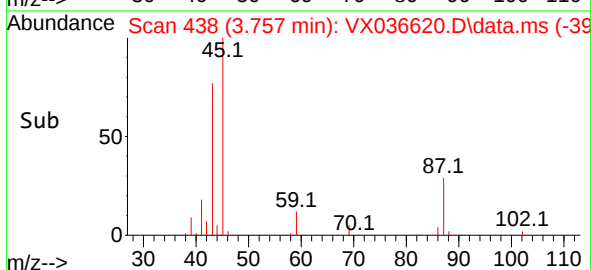
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

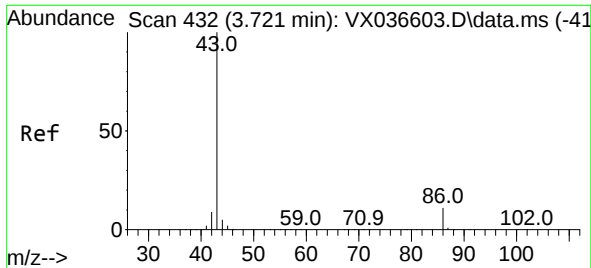


#22
Diisopropyl ether
Concen: 51.976 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24



Tgt Ion: 45 Resp: 430145
Ion Ratio Lower Upper
45 100
43 77.0 69.7 104.5
87 29.2 20.8 31.2
59 12.0 9.0 13.4





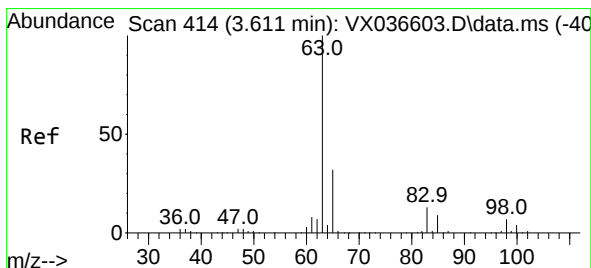
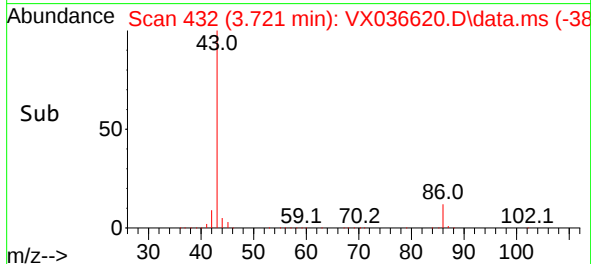
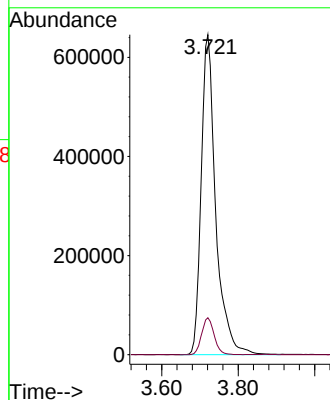
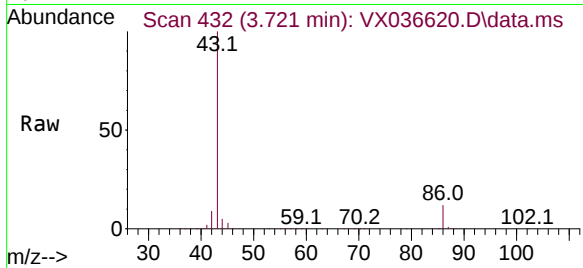
#23
 Vinyl Acetate
 Concen: 267.812 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 170010
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8

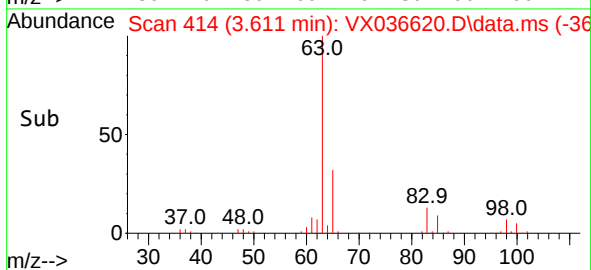
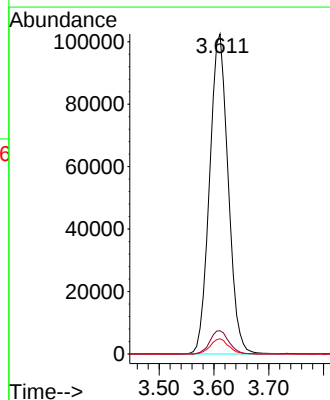
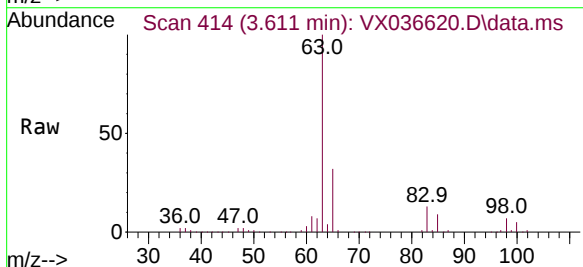
Manual Integrations
 APPROVED

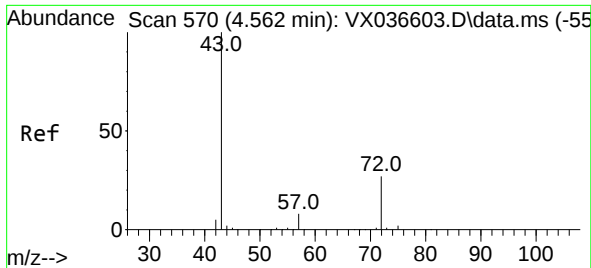
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 51.843 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

Tgt Ion: 63 Resp: 240550
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.7 2.1 6.5





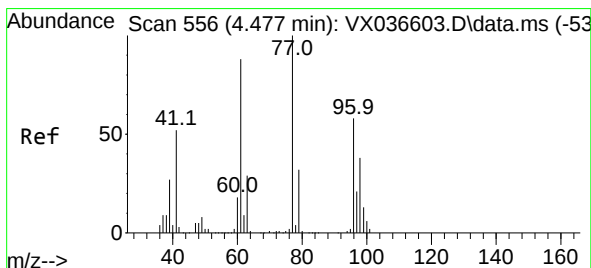
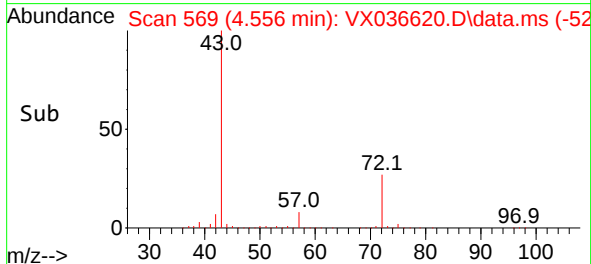
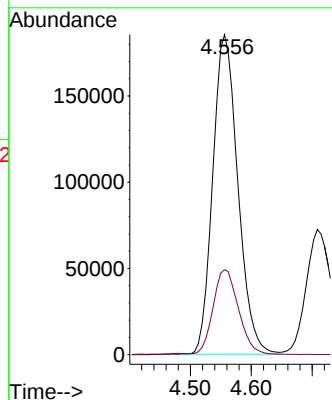
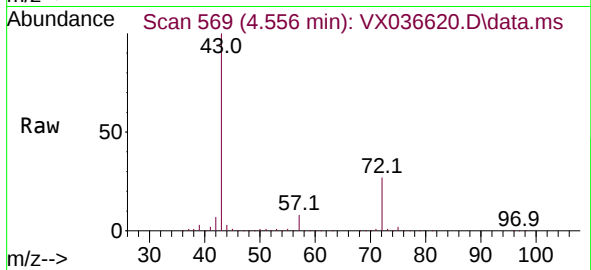
#25
2-Butanone
Concen: 269.172 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 530048
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

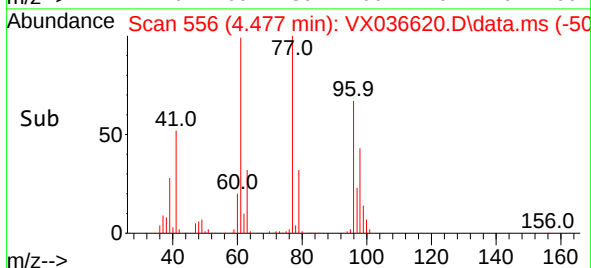
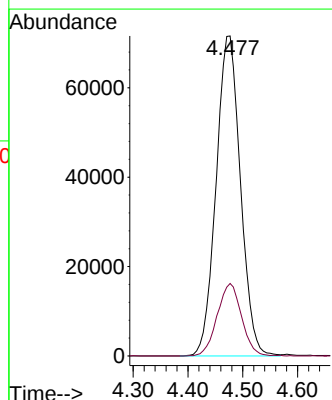
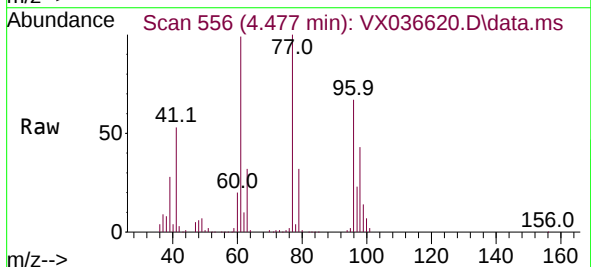
Manual Integrations
APPROVED

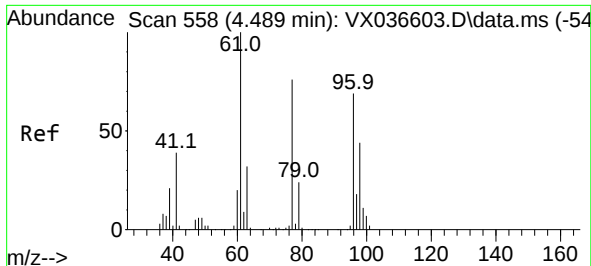
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 50.520 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 77 Resp: 220878
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.404 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 151040

Ion Ratio Lower Upper

96 100

61 146.1 0.0 312.2

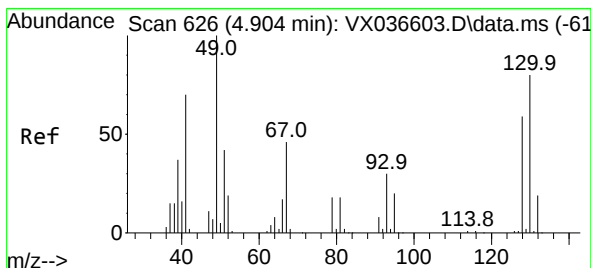
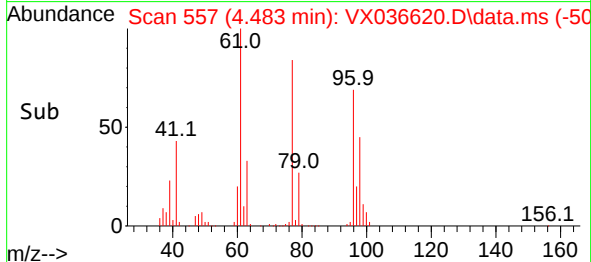
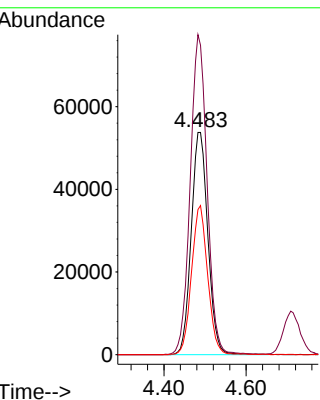
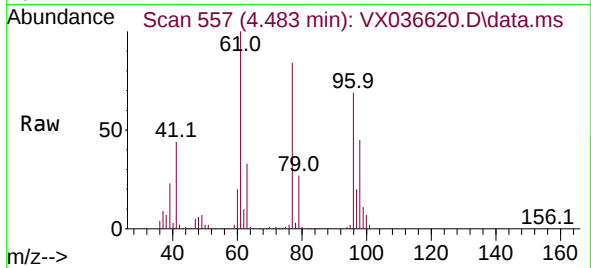
98 65.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 53.319 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

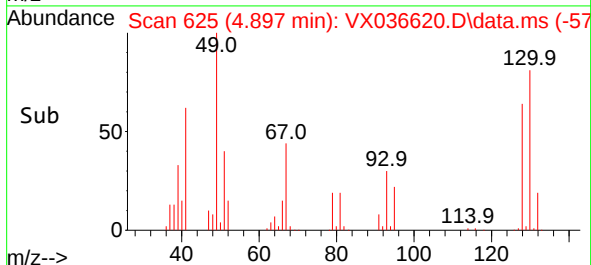
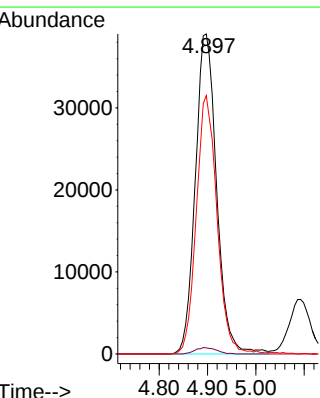
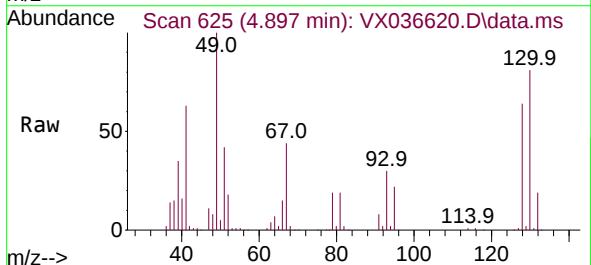
Tgt Ion: 49 Resp: 119649

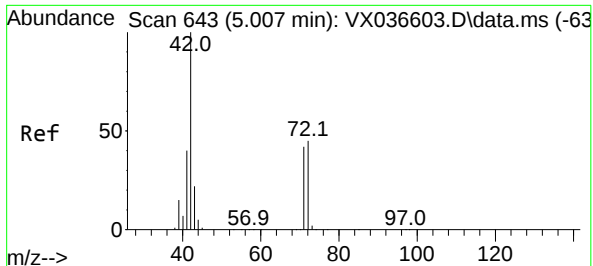
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 78.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 264.652 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 33599

Ion Ratio Lower Upper

42 100

72 46.9 34.2 51.4

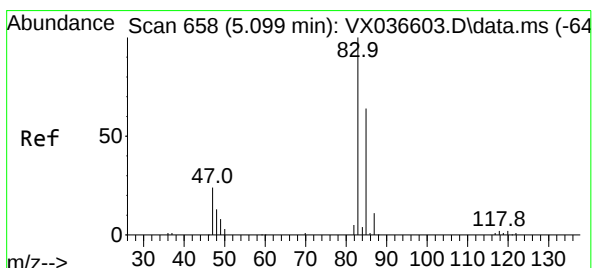
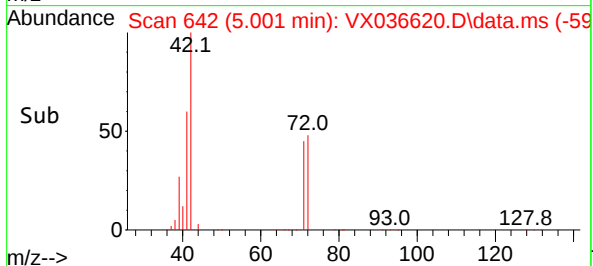
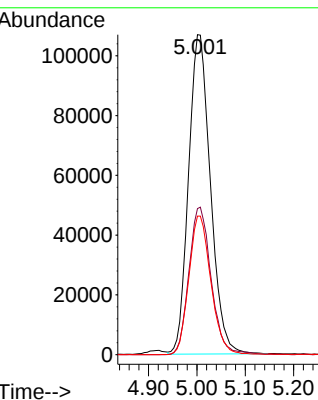
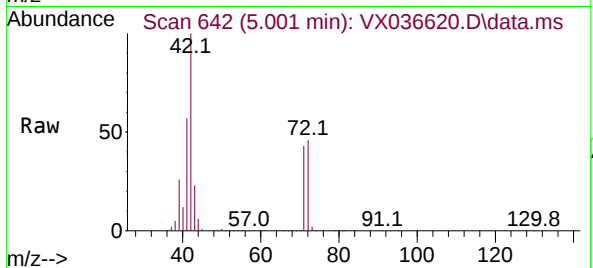
71 43.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 51.833 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036620.D

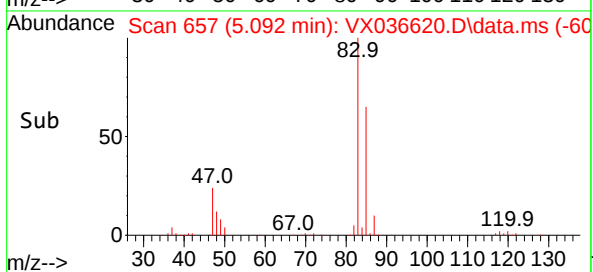
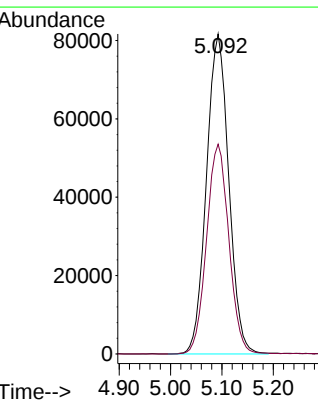
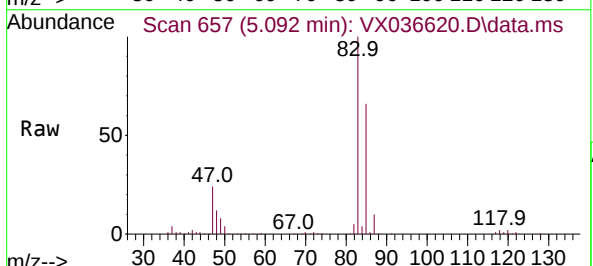
Acq: 24 Jul 2023 10:24

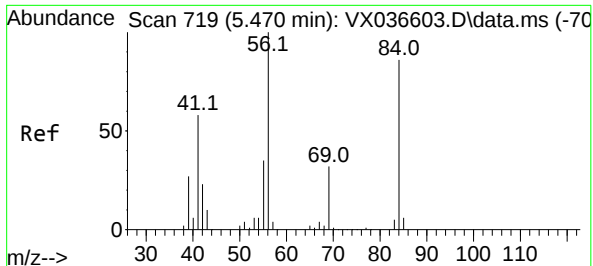
Tgt Ion: 83 Resp: 246052

Ion Ratio Lower Upper

83 100

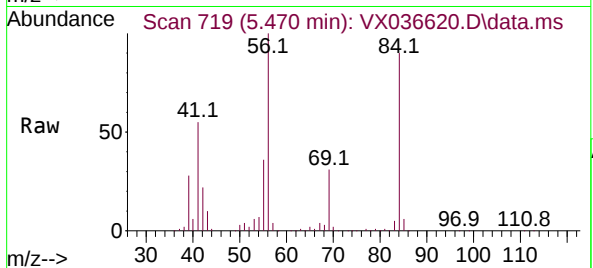
85 65.6 50.3 75.5





#31
Cyclohexane
Concen: 50.163 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

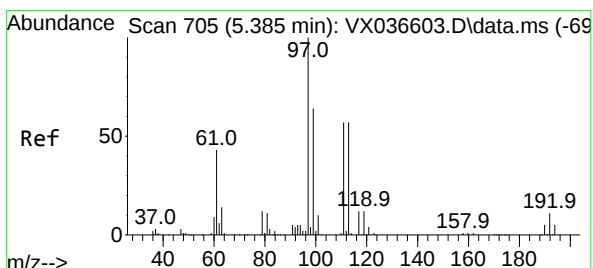
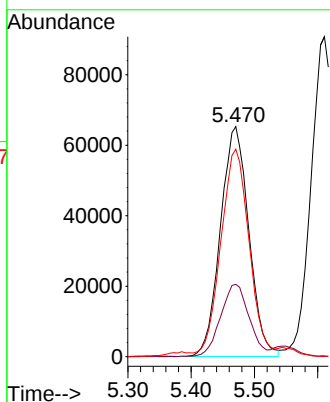
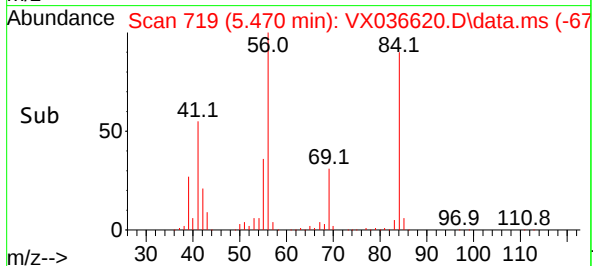
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 203148
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 88.7 65.9 98.9

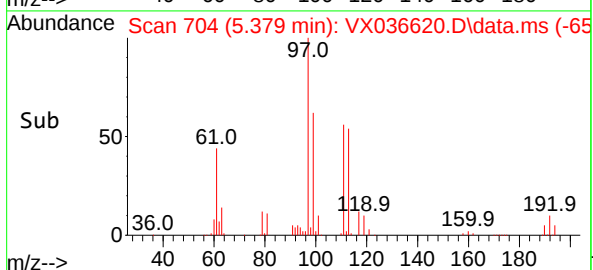
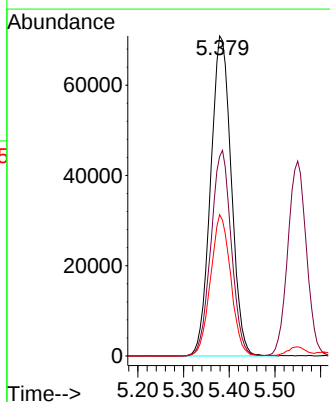
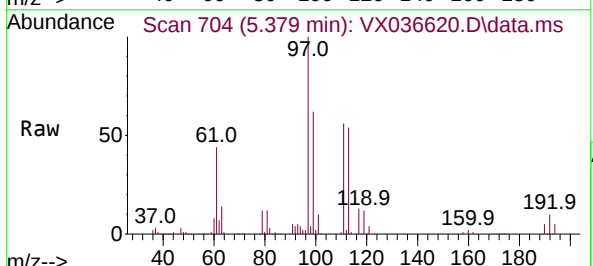
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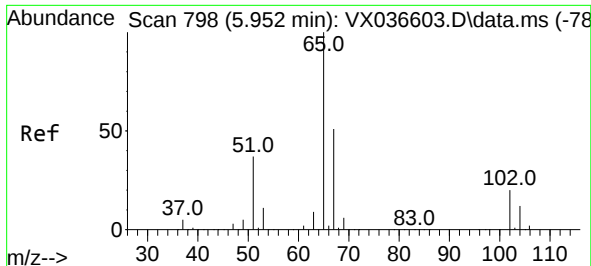
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#32
1,1,1-Trichloroethane
Concen: 51.101 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 97 Resp: 222273
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 43.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.565 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14497

Ion Ratio Lower Upper

65 100

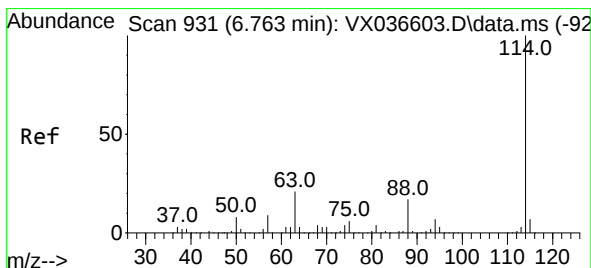
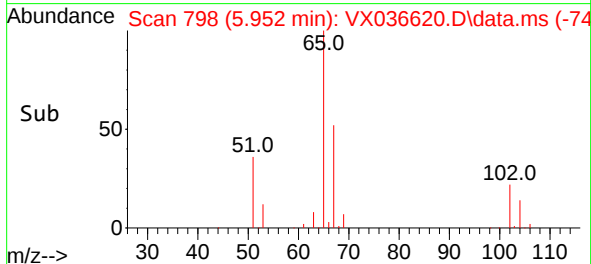
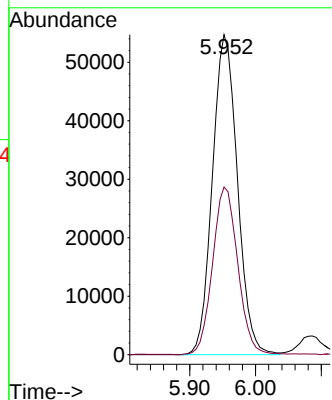
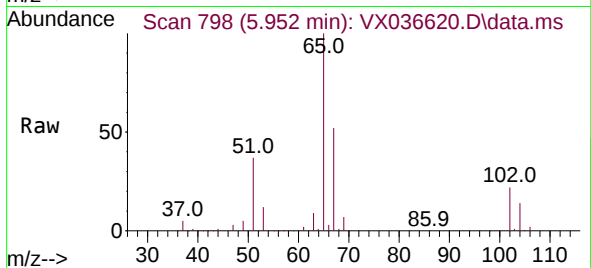
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

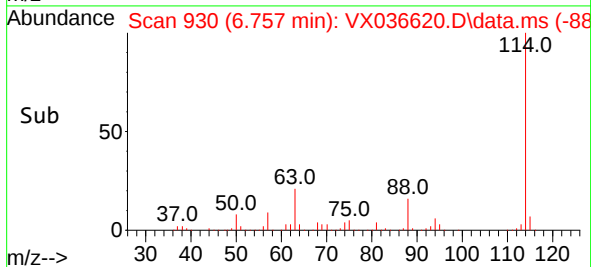
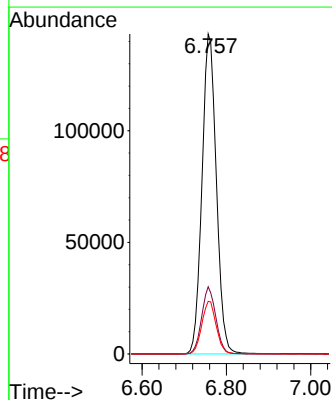
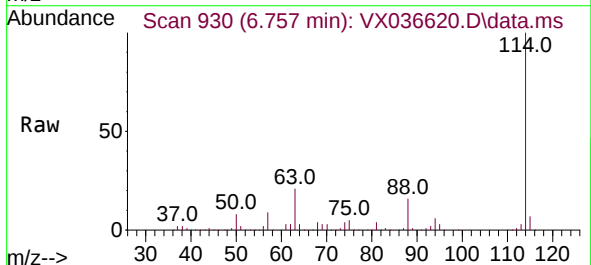
Tgt Ion:114 Resp: 340450

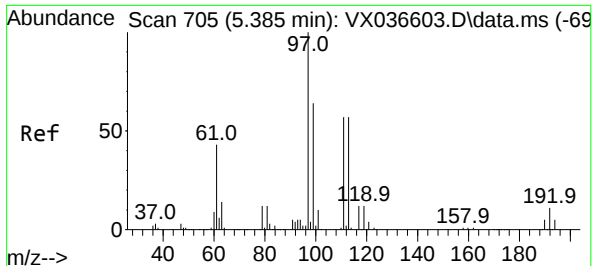
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

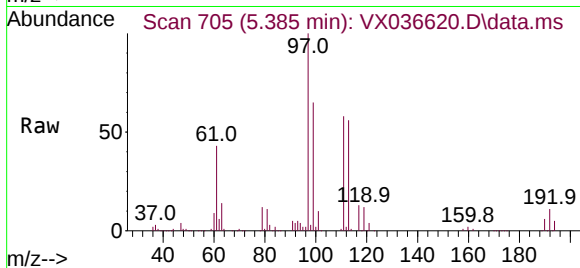
88 16.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

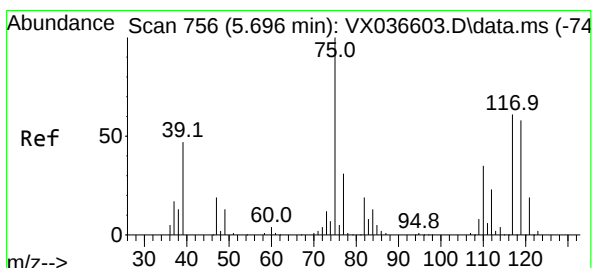
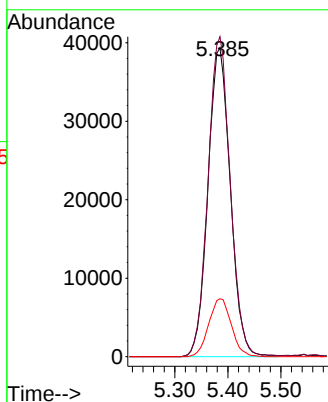
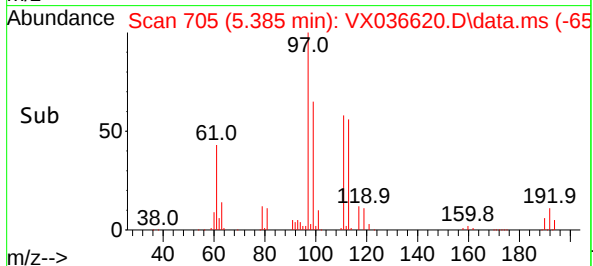
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



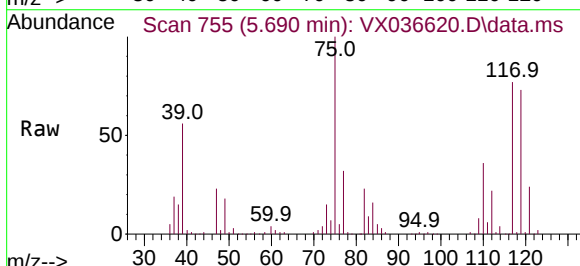
Tgt Ion: 113 Resp: 11531
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.9 13.3 19.9

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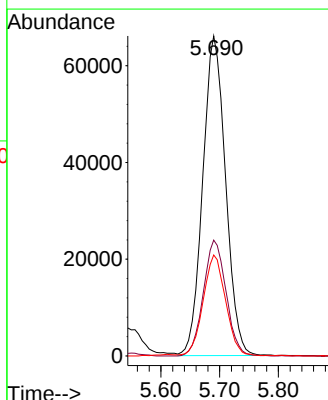
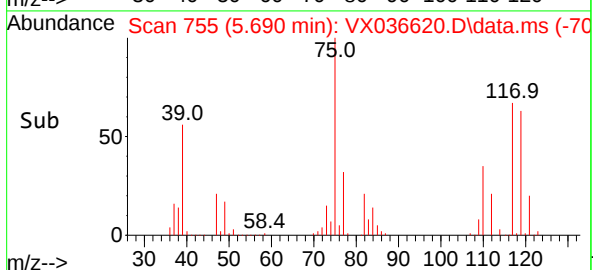
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

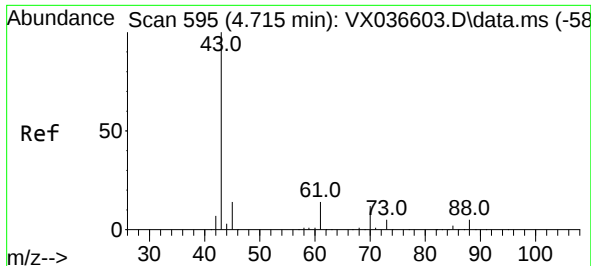


#36
1,1-Dichloropropene
Concen: 51.190 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24



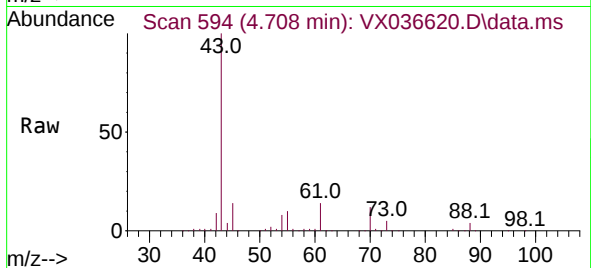
Tgt Ion: 75 Resp: 178545
Ion Ratio Lower Upper
75 100
110 36.0 17.0 50.9
77 30.9 24.7 37.1





#37
Ethyl Acetate
Concen: 54.002 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

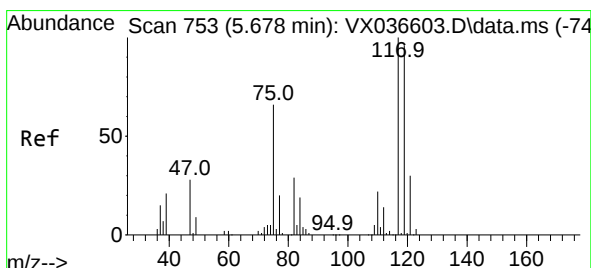
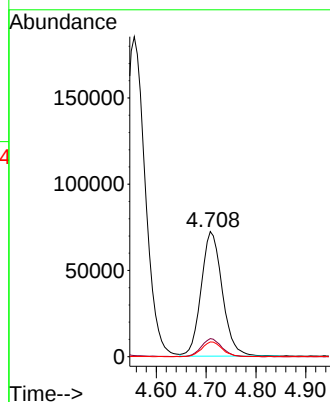
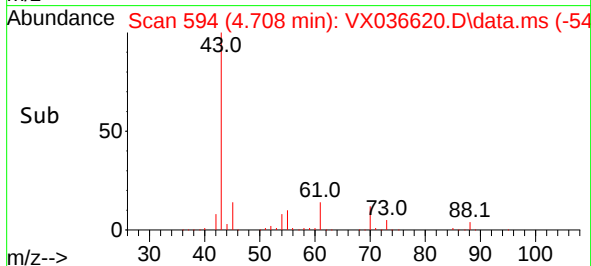
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 21318
Ion Ratio Lower Upper
43 100
61 14.2 10.6 16.0
70 11.7 8.3 12.5

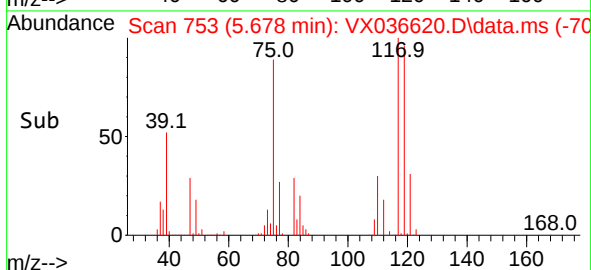
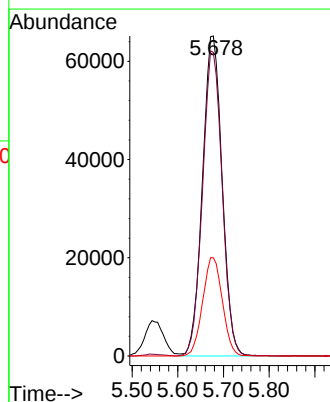
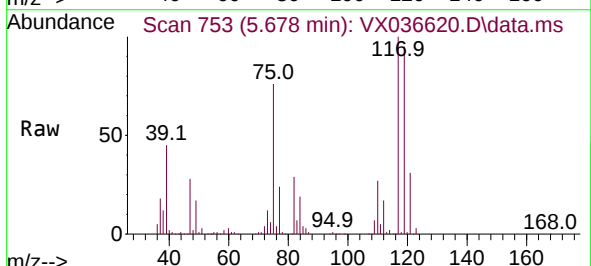
Manual Integrations
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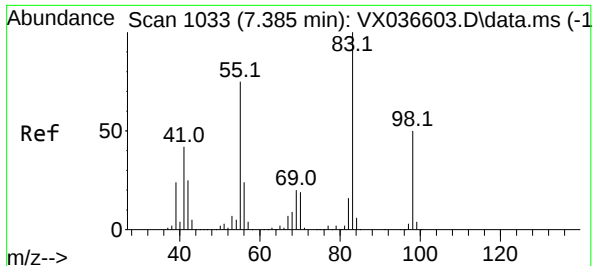
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 52.419 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:117 Resp: 194375
Ion Ratio Lower Upper
117 100
119 94.9 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 51.892 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

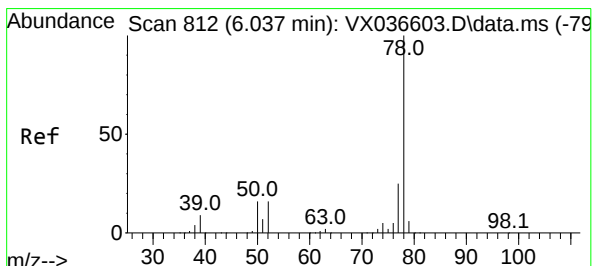
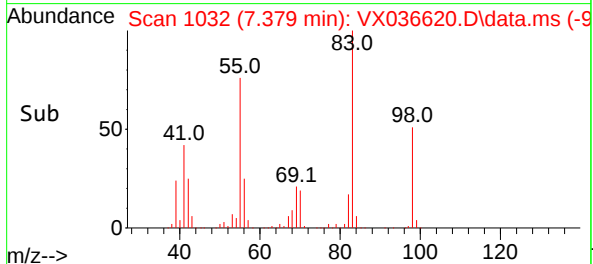
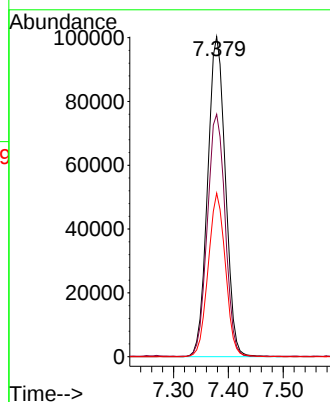
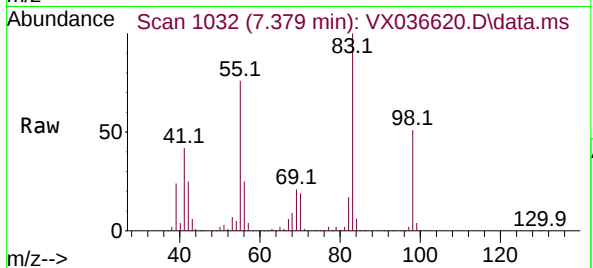
Tgt Ion: 83	Resp: 225054
Ion Ratio	Lower Upper
83	100
55	75.6 64.6 97.0
98	51.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 51.487 ug/l

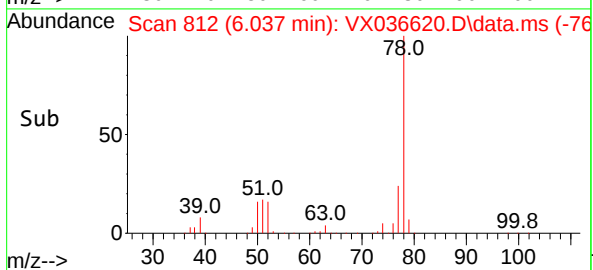
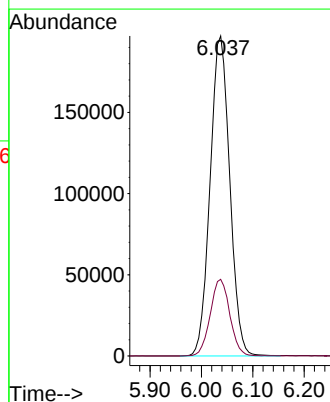
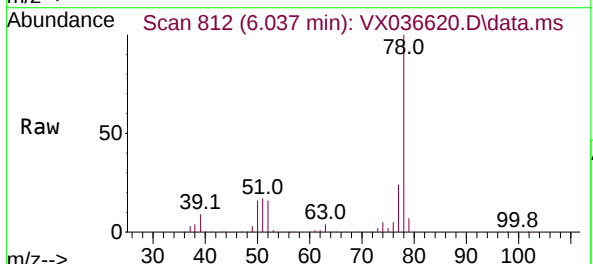
RT: 6.037 min Scan# 812

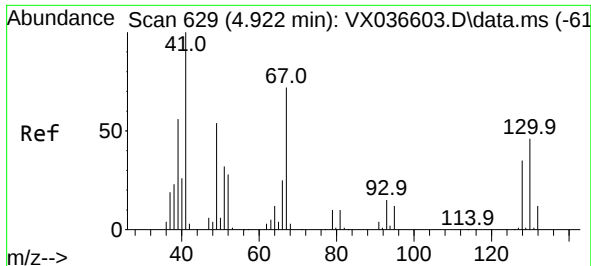
Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion: 78	Resp: 522474
Ion Ratio	Lower Upper
78	100
77	24.0 19.3 28.9





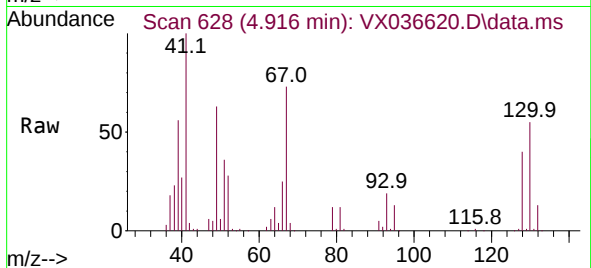
#41
Methacrylonitrile
Concen: 54.578 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



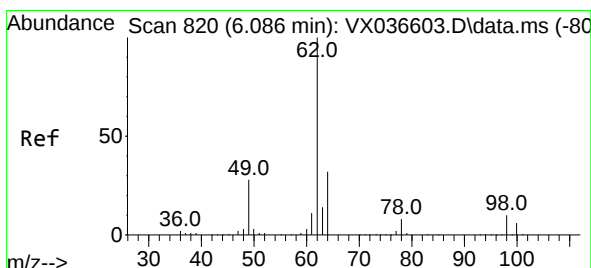
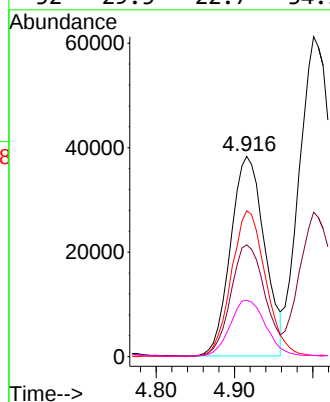
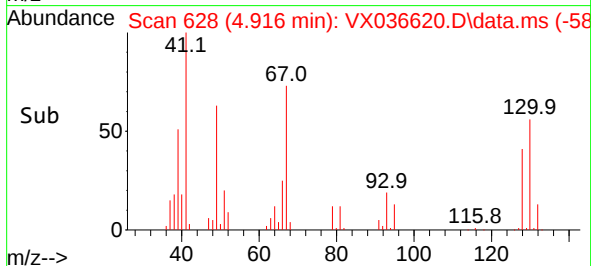
Tgt Ion: 41 Resp: 115230
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 74.3 52.6 78.8
52 29.5 22.7 34.1

Manual Integrations

APPROVED

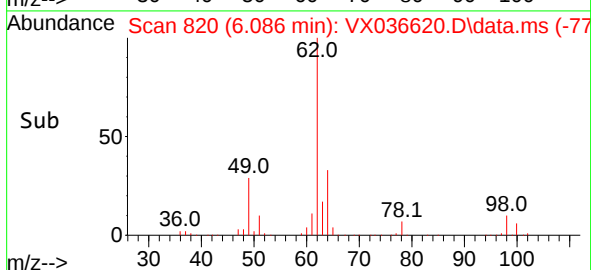
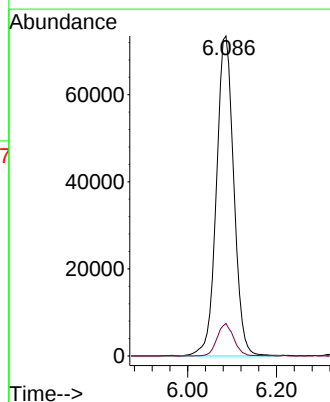
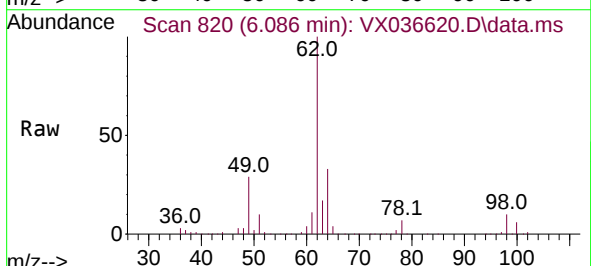
Reviewed By :John Carlone 07/25/2023

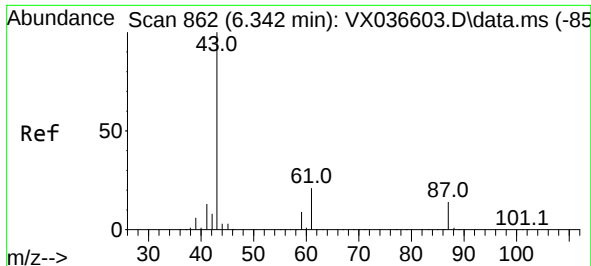
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 53.679 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

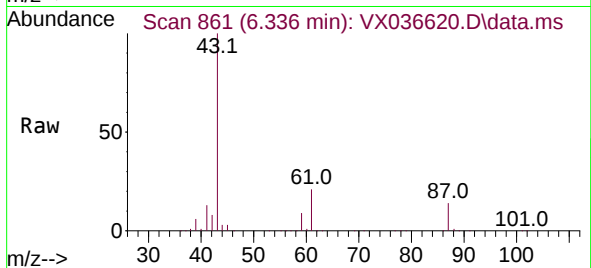
Tgt Ion: 62 Resp: 199158
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.230 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

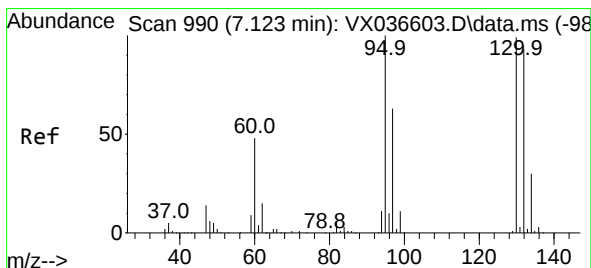
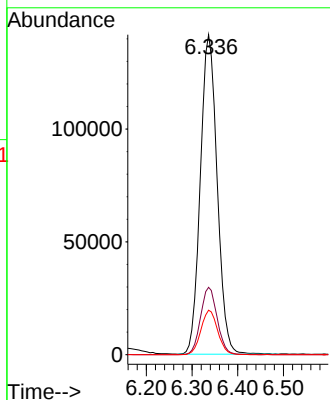
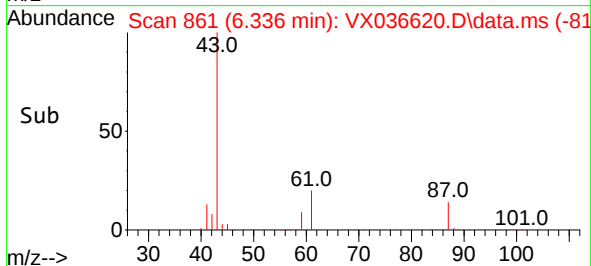
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 36172
Ion Ratio Lower Upper
43 100
61 20.8 15.2 22.8
87 13.9 9.8 14.6

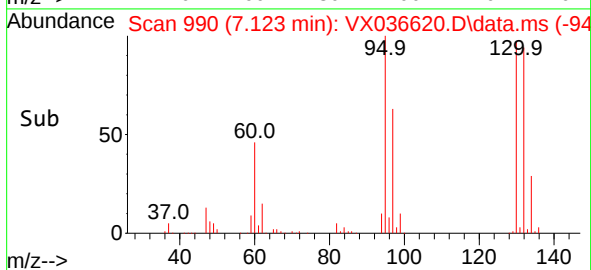
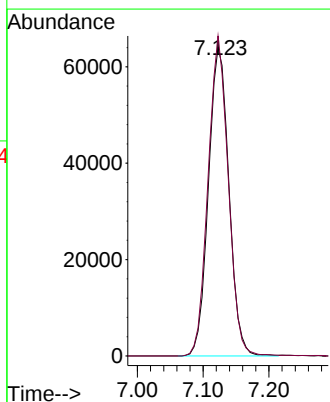
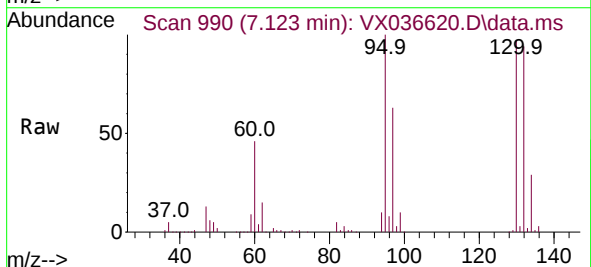
Manual Integrations
APPROVED

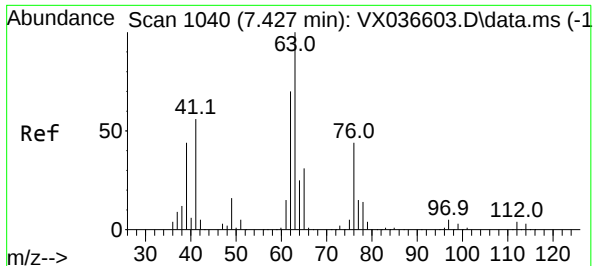
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 52.381 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:130 Resp: 138940
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.190 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 14140

Ion Ratio Lower Upper

63 100

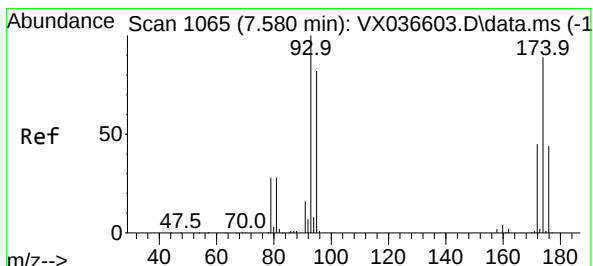
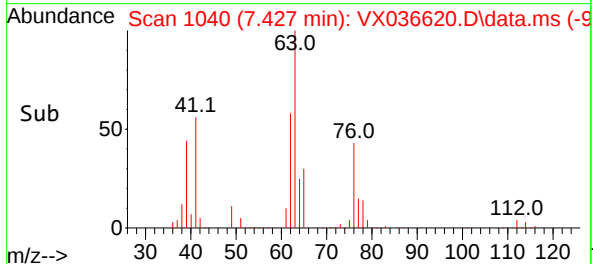
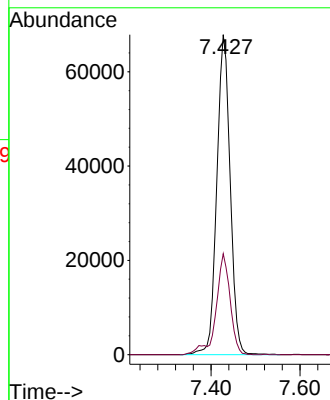
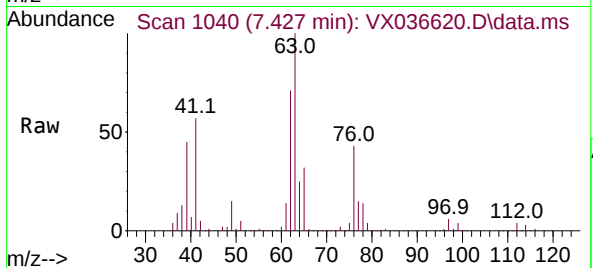
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 54.077 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

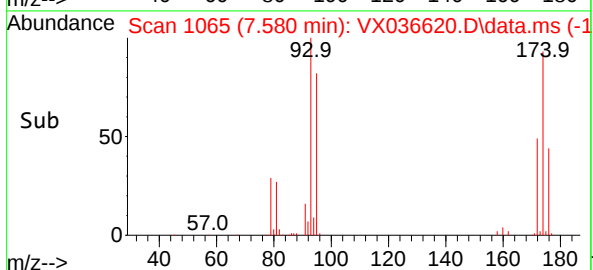
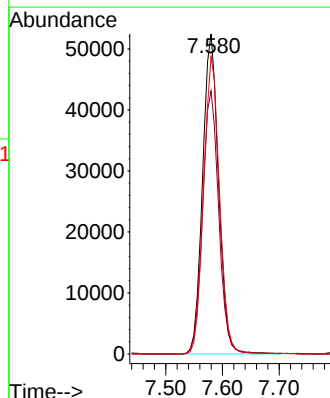
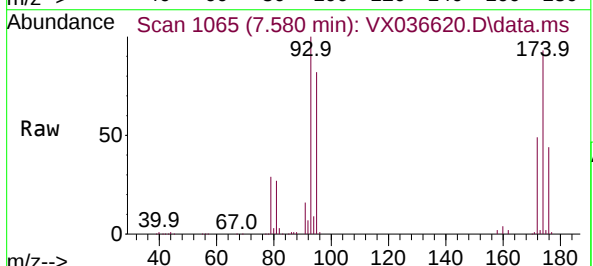
Tgt Ion: 93 Resp: 102539

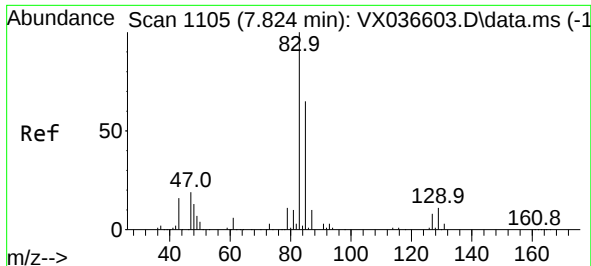
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

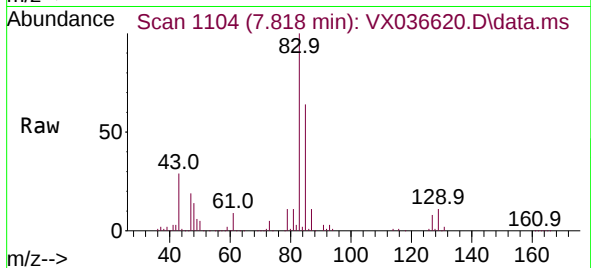
174 92.7 69.4 104.0





#47
Bromodichloromethane
Concen: 53.529 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

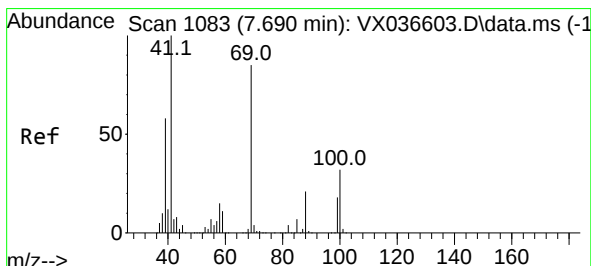
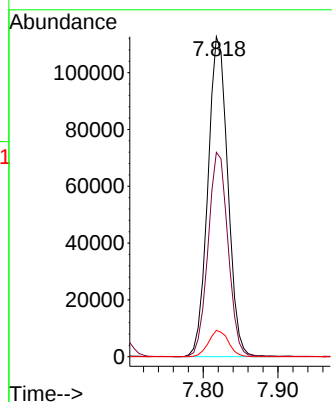
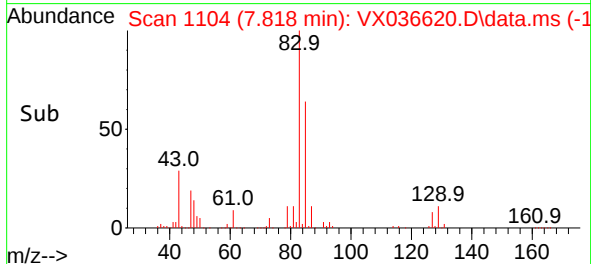
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 208340
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 8.2 7.1 10.7

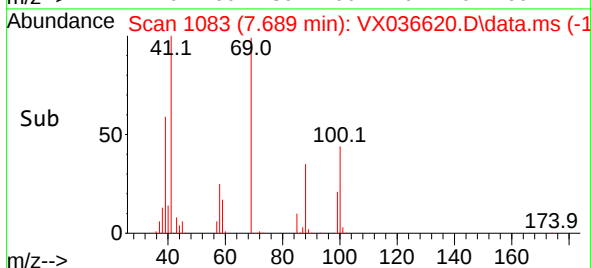
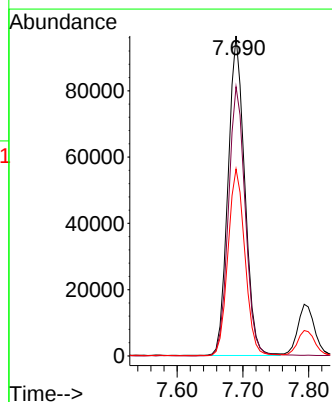
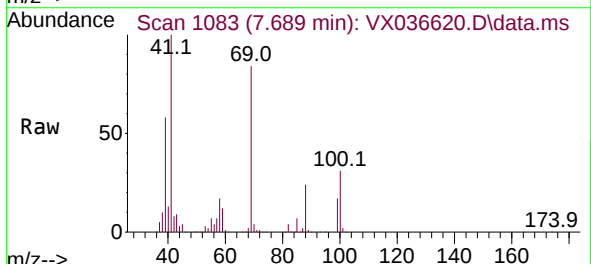
Manual Integrations
APPROVED

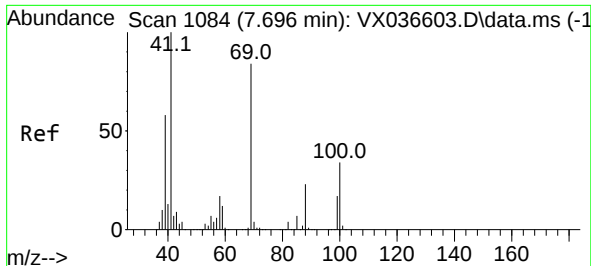
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 53.781 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 41 Resp: 169962
Ion Ratio Lower Upper
41 100
69 85.5 59.2 88.8
39 59.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1018.594 ug/l

RT: 7.689 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

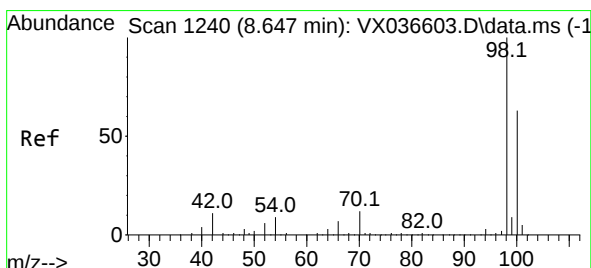
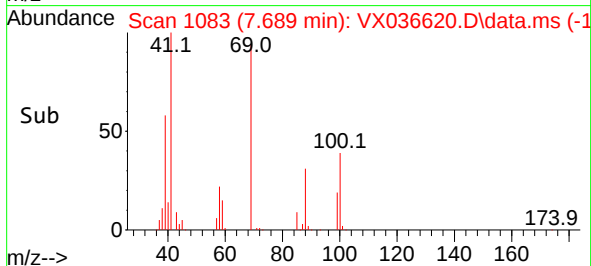
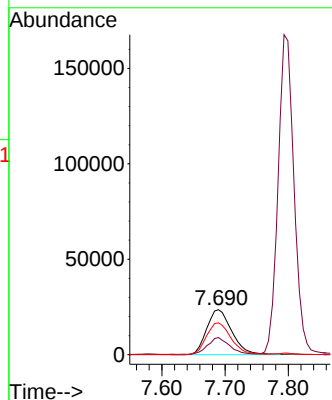
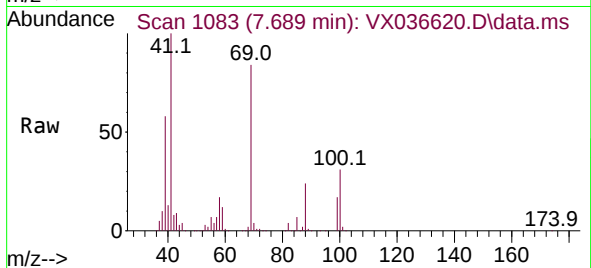
Tgt Ion: 88 Resp: 65030
 Ion Ratio Lower Upper
 88 100
 43 32.3 0.0 0.0
 58 69.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 49.891 ug/l

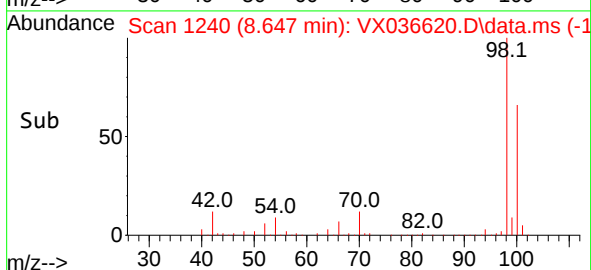
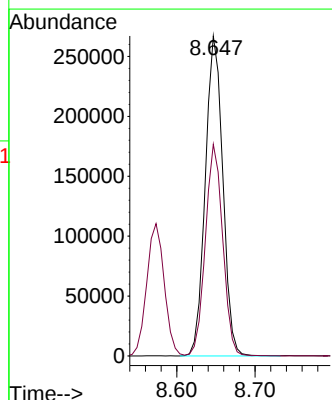
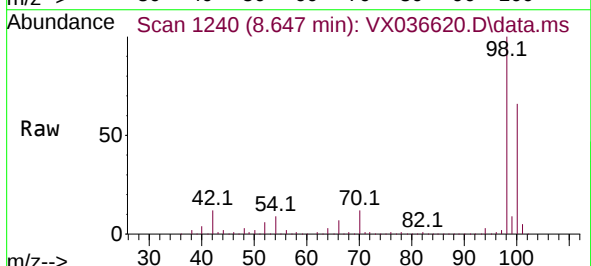
RT: 8.647 min Scan# 1240

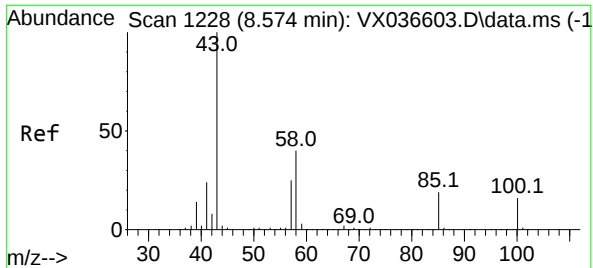
Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion: 98 Resp: 414016
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.1 79.7





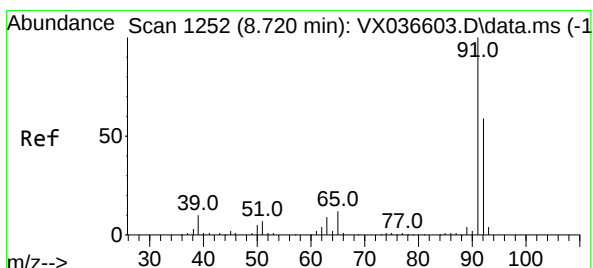
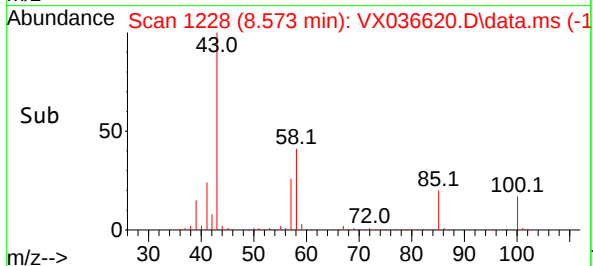
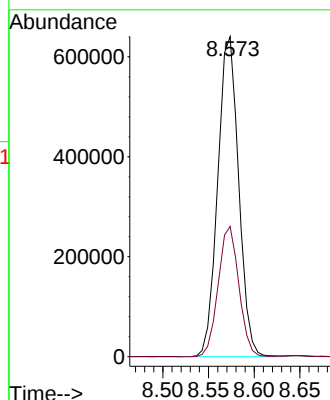
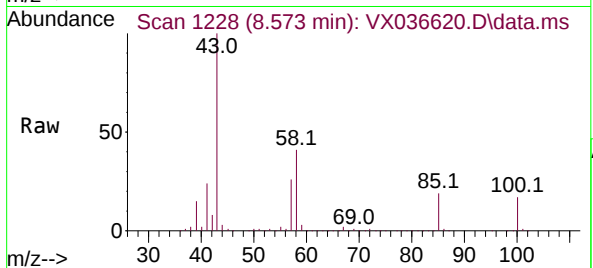
#51
4-Methyl-2-Pentanone
Concen: 270.925 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1018834
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

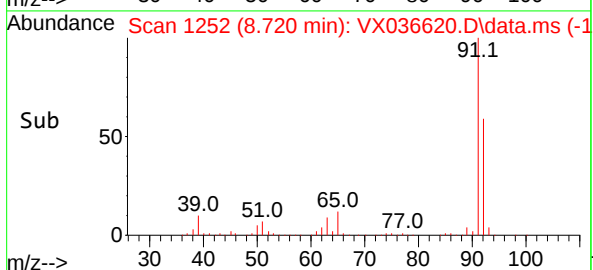
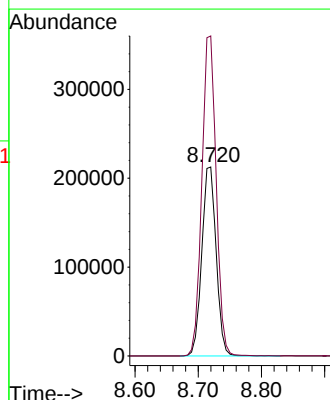
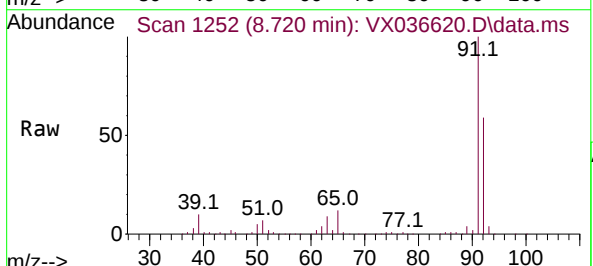
Manual Integrations
APPROVED

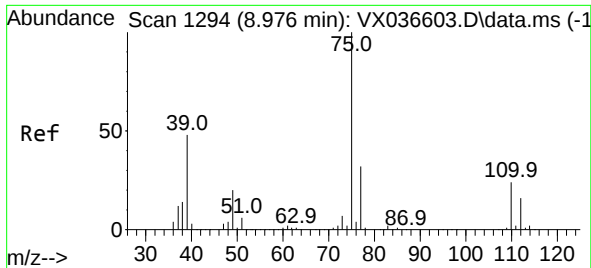
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 52.810 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

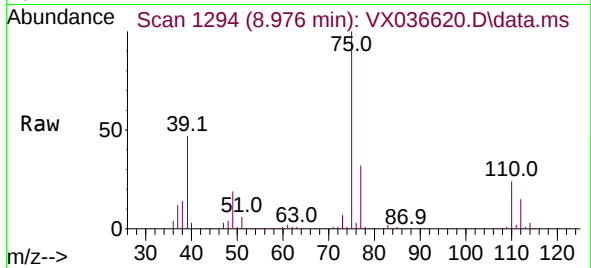
Tgt Ion: 92 Resp: 335789
Ion Ratio Lower Upper
92 100
91 169.4 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 54.983 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

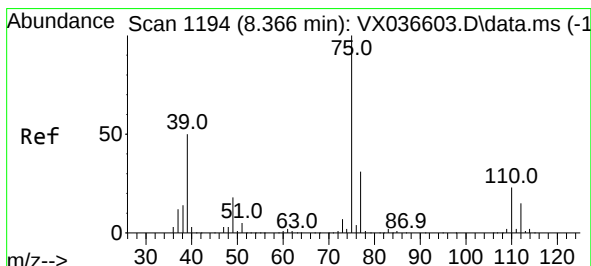
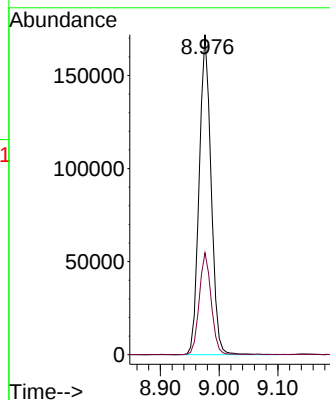
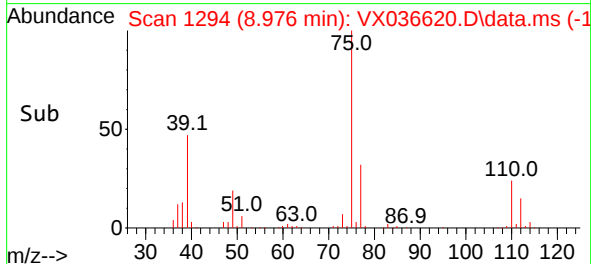
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



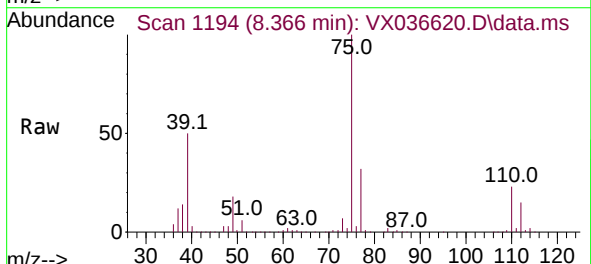
Tgt Ion: 75 Resp: 241880
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.7 38.5

Manual Integrations
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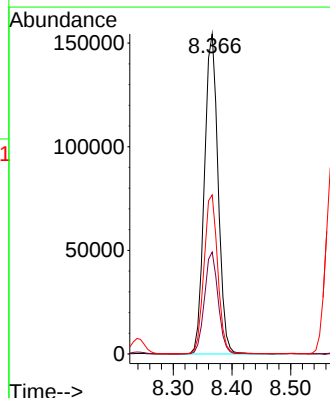
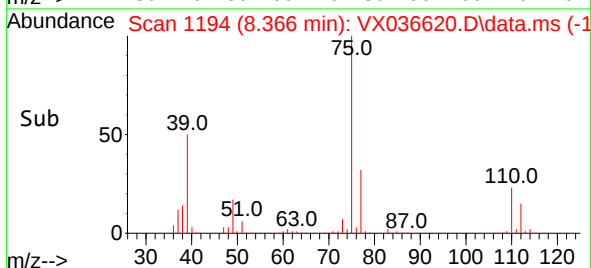
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

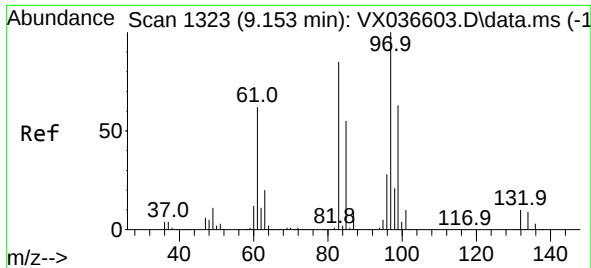


#54
 cis-1,3-Dichloropropene
 Concen: 53.764 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24



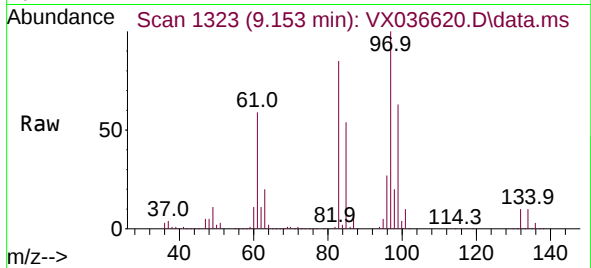
Tgt Ion: 75 Resp: 249576
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 49.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.721 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

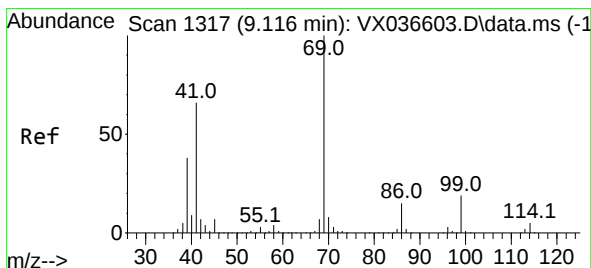
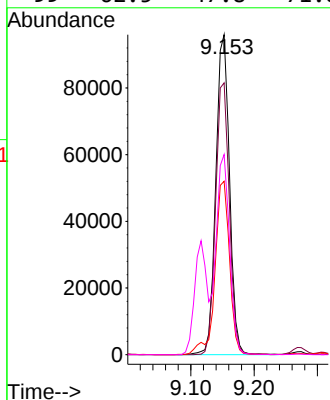
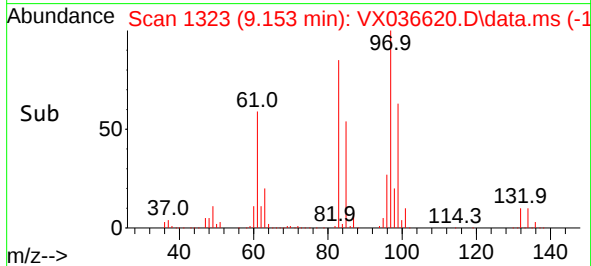
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



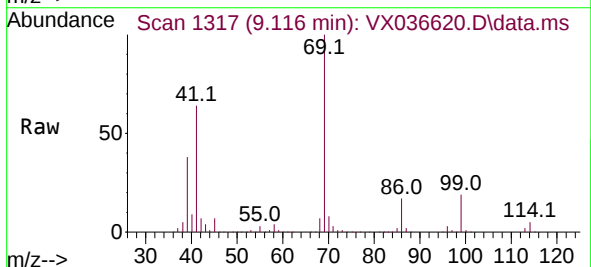
Tgt Ion: 97 Resp: 14358
Ion Ratio Lower Upper
97 100
83 85.0 65.8 98.8
85 54.1 41.6 62.4
99 62.5 47.8 71.8

Manual Integrations
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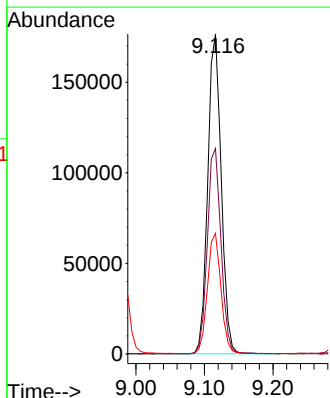
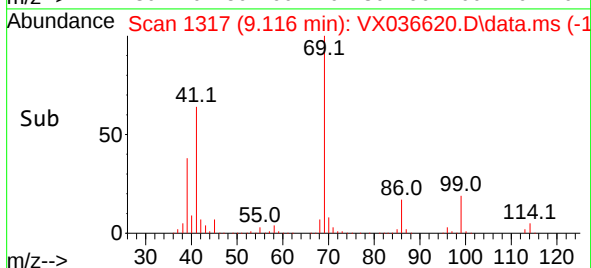
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

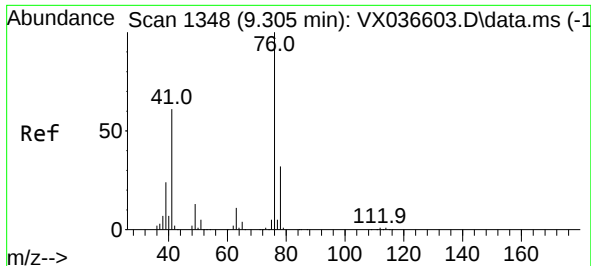


#56
Ethyl methacrylate
Concen: 55.559 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24



Tgt Ion: 69 Resp: 241810
Ion Ratio Lower Upper
69 100
41 65.0 56.8 85.2
39 37.8 32.0 48.0





#57

1,3-Dichloropropane

Concen: 54.798 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24394

Ion Ratio Lower Upper

76 100

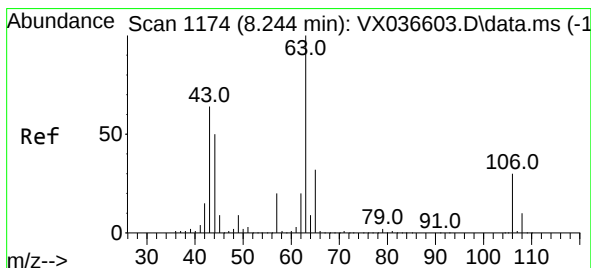
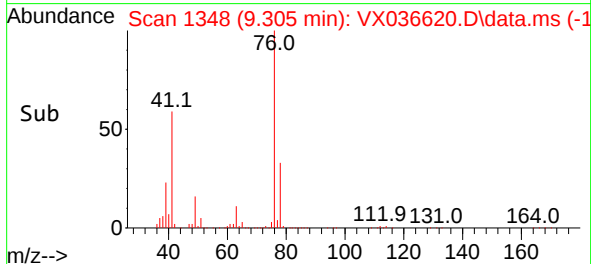
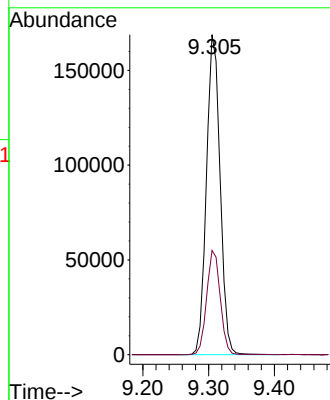
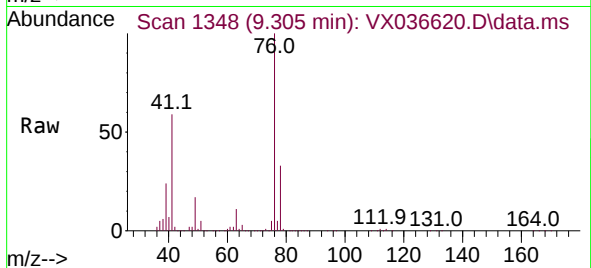
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 264.080 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036620.D

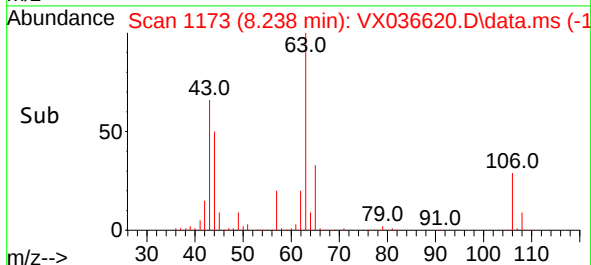
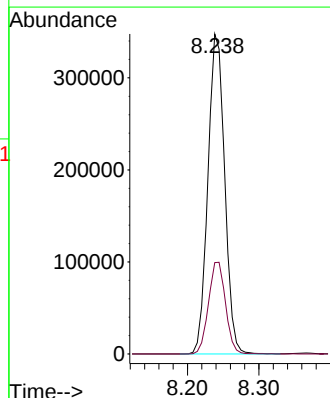
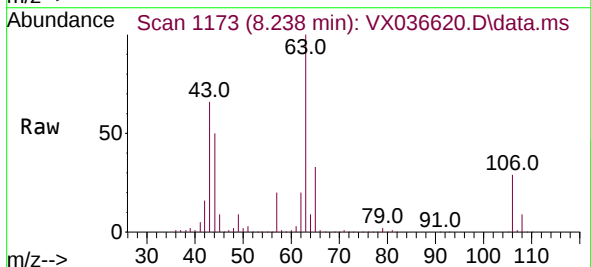
Acq: 24 Jul 2023 10:24

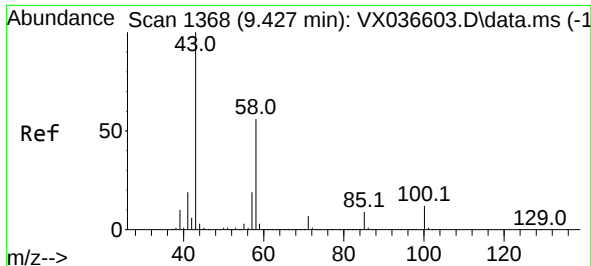
Tgt Ion: 63 Resp: 566325

Ion Ratio Lower Upper

63 100

106 29.1 22.5 33.7





#59

2-Hexanone

Concen: 271.872 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 75878

Ion Ratio Lower Upper

43 100

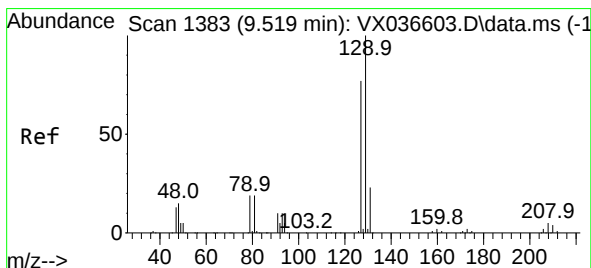
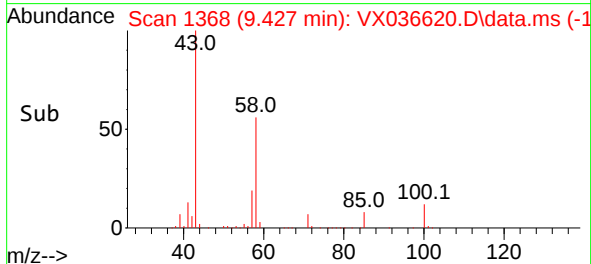
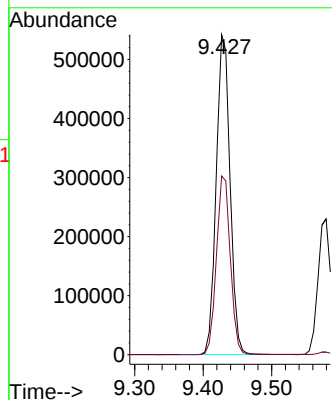
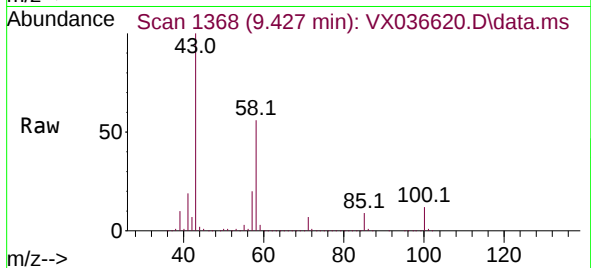
58 56.2 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#60

Dibromochloromethane

Concen: 55.207 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX036620.D

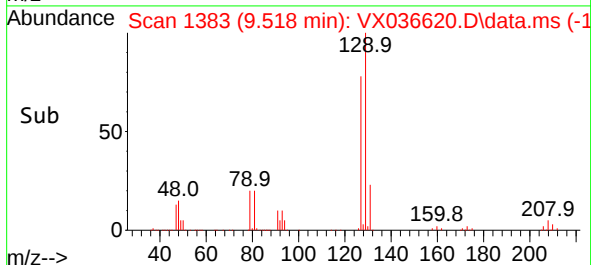
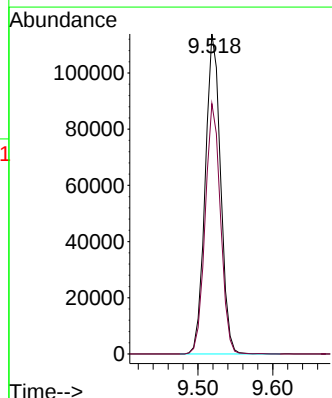
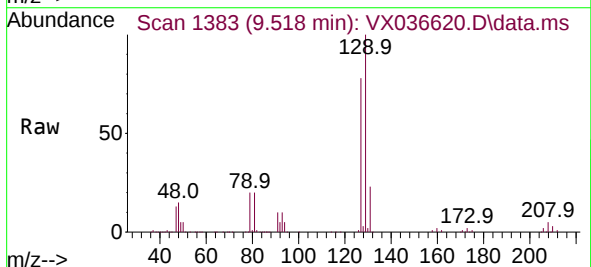
Acq: 24 Jul 2023 10:24

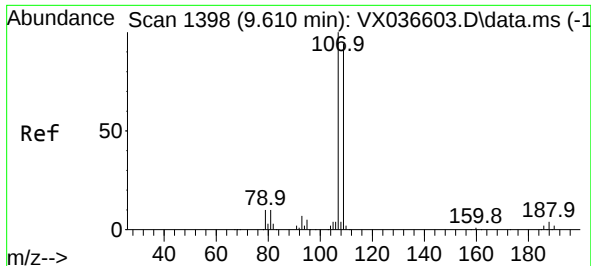
Tgt Ion:129 Resp: 162182

Ion Ratio Lower Upper

129 100

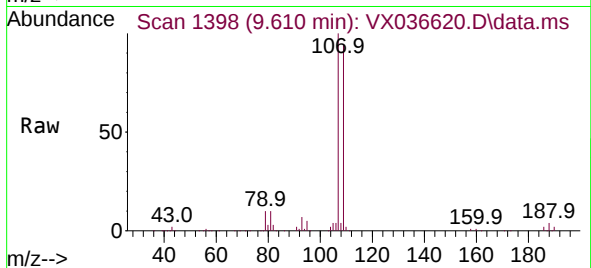
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.378 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

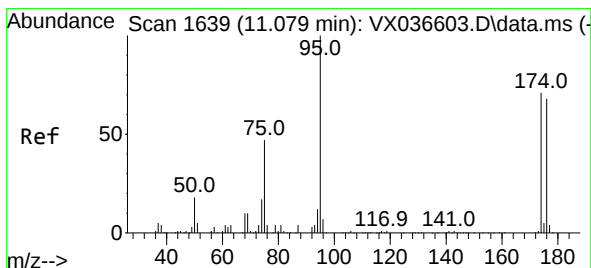
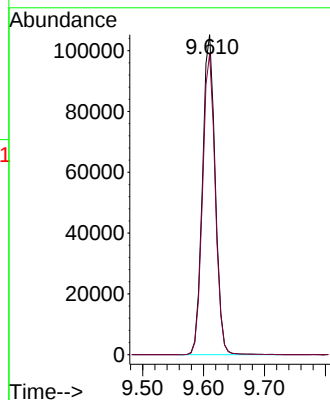
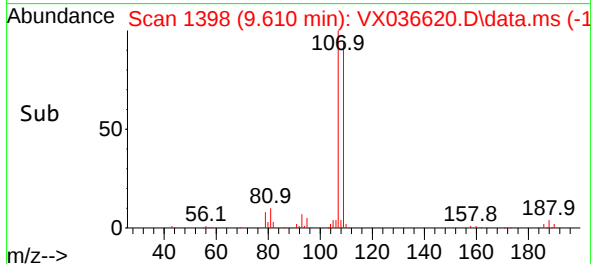
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 153404
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

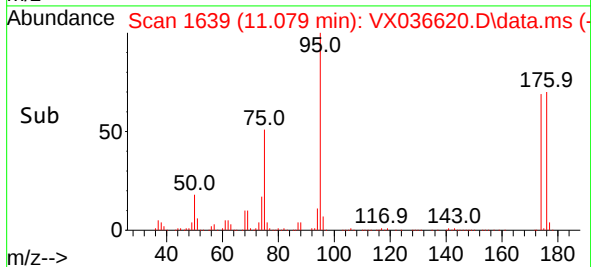
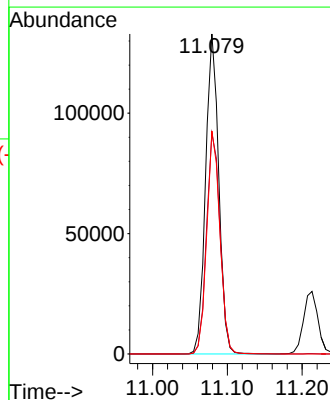
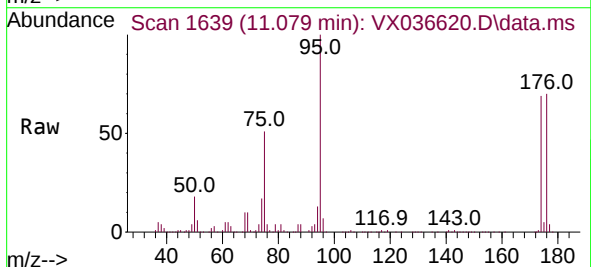
Manual Integrations
APPROVED

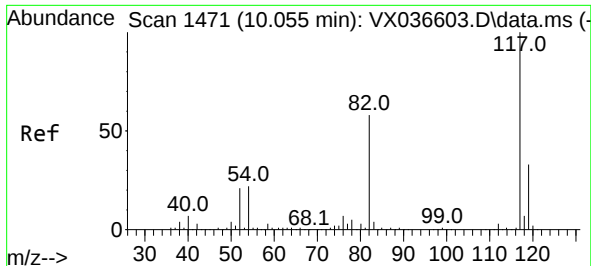
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#62
4-Bromofluorobenzene
Concen: 51.896 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

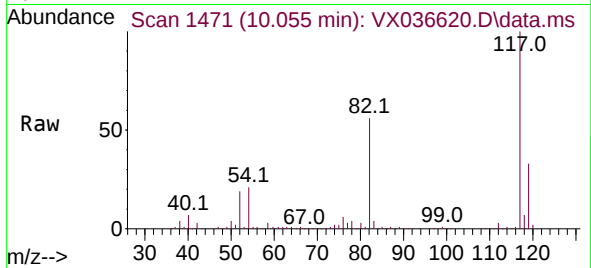
Tgt Ion: 95 Resp: 162477
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 69.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

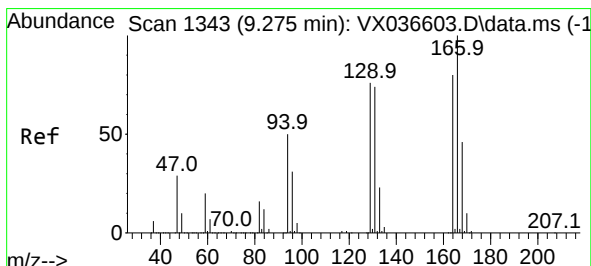
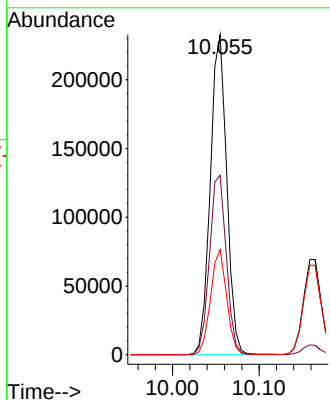
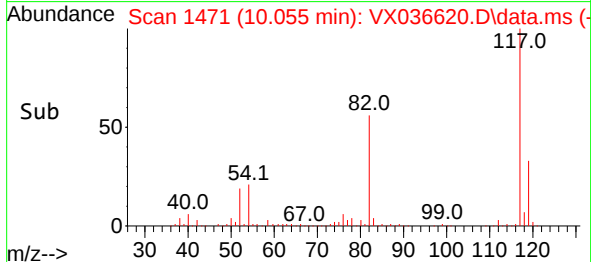
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 306748
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.8 25.5 38.3

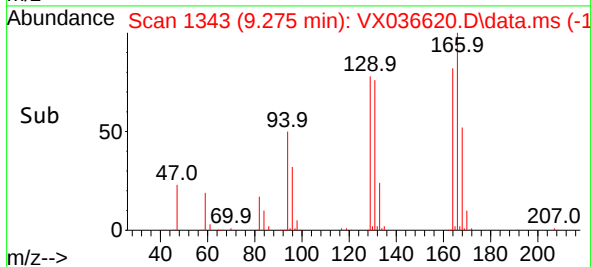
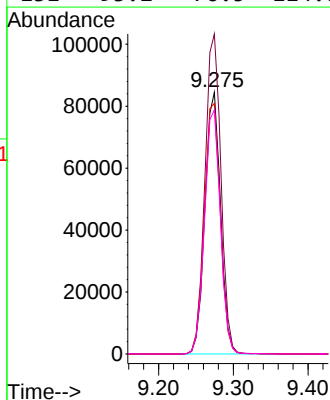
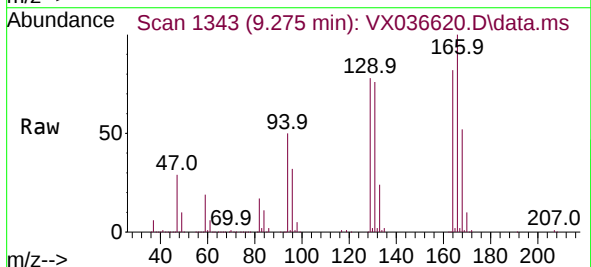
Manual Integrations
APPROVED

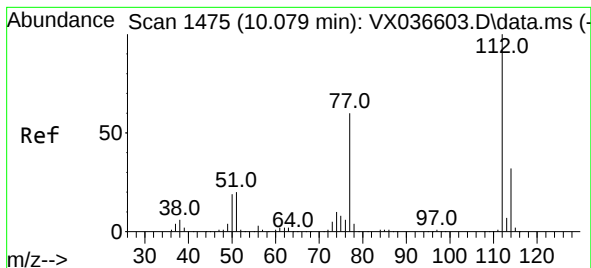
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 53.583 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:164 Resp: 122598
Ion Ratio Lower Upper
164 100
166 122.3 102.7 154.1
129 95.7 80.4 120.6
131 93.2 76.5 114.7





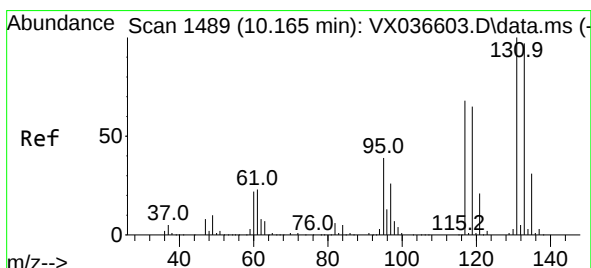
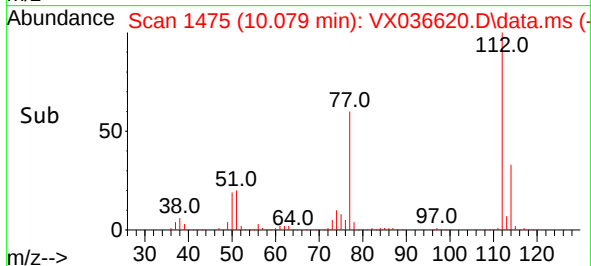
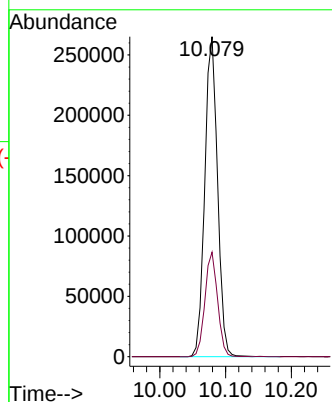
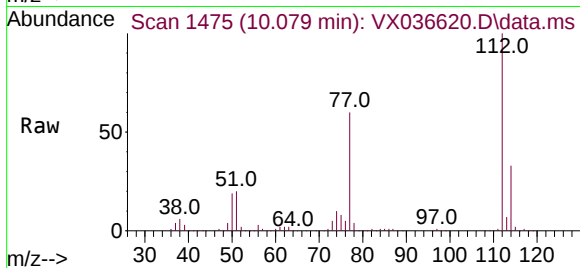
#65
Chlorobenzene
Concen: 52.880 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 357554
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

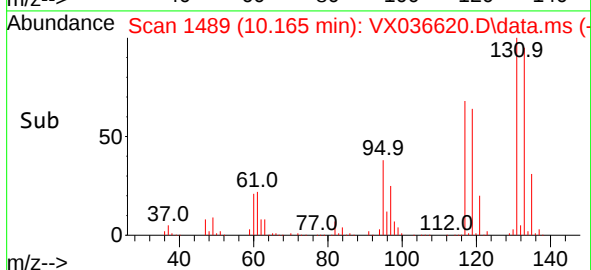
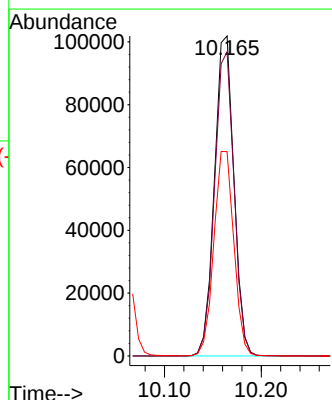
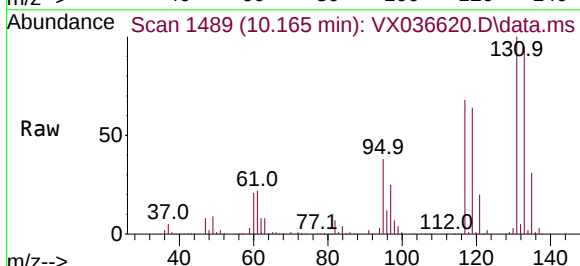
Manual Integrations
APPROVED

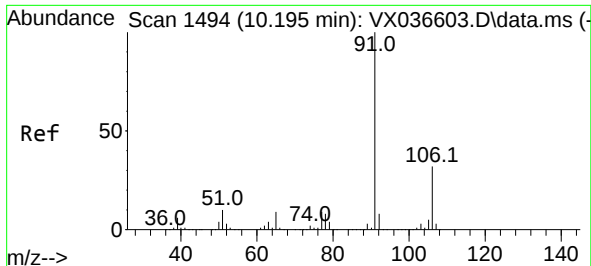
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.504 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:131 Resp: 142442
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 65.7 32.2 96.6





#67

Ethyl Benzene

Concen: 52.530 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 64886

Ion Ratio Lower Upper

91 100

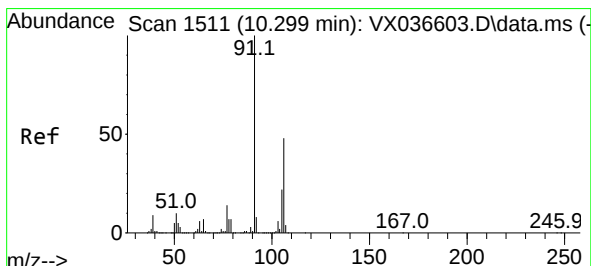
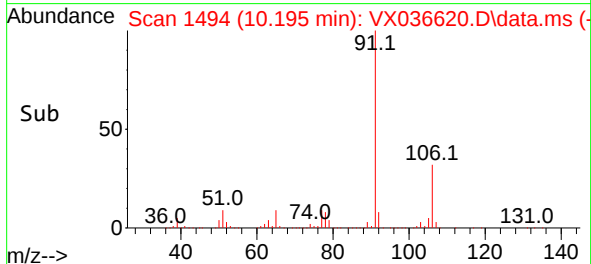
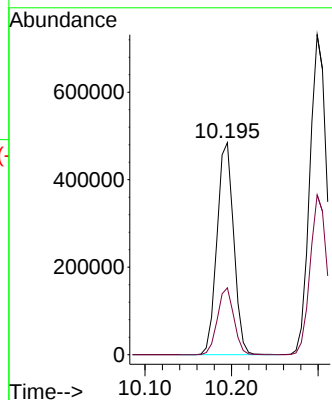
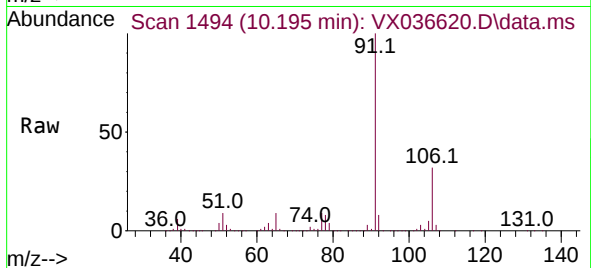
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#68

m/p-Xylenes

Concen: 106.691 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036620.D

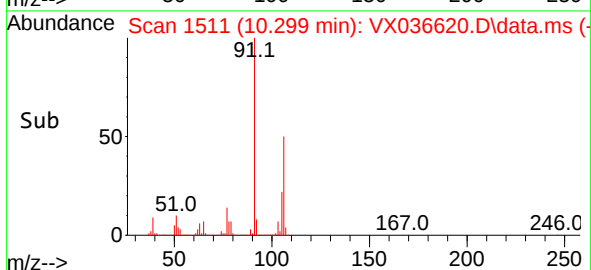
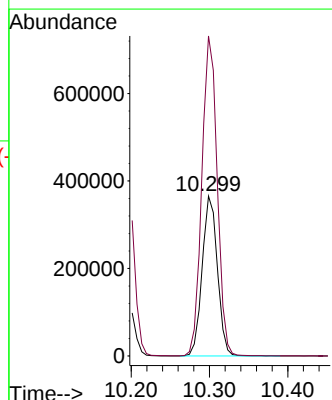
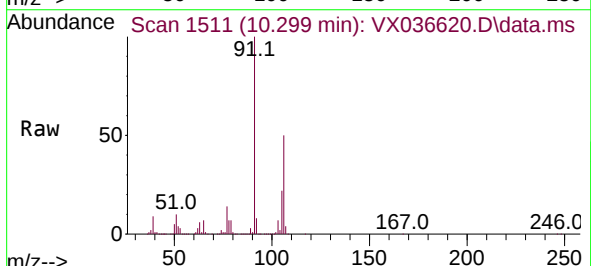
Acq: 24 Jul 2023 10:24

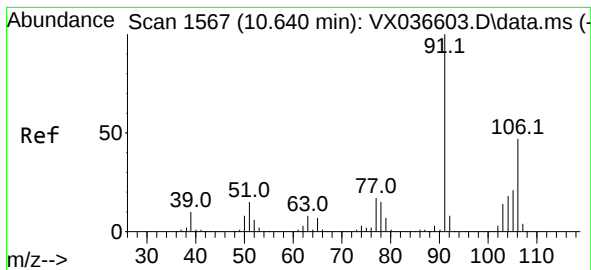
Tgt Ion:106 Resp: 491709

Ion Ratio Lower Upper

106 100

91 202.4 165.5 248.3





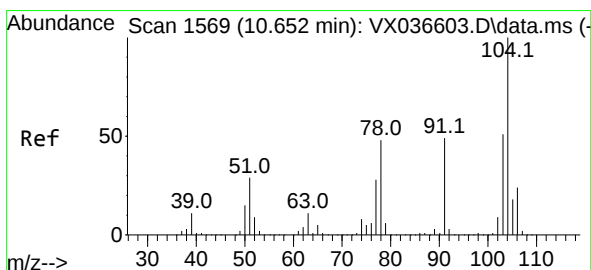
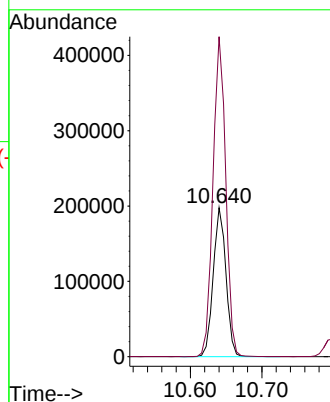
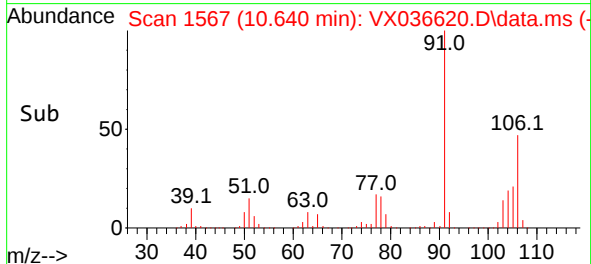
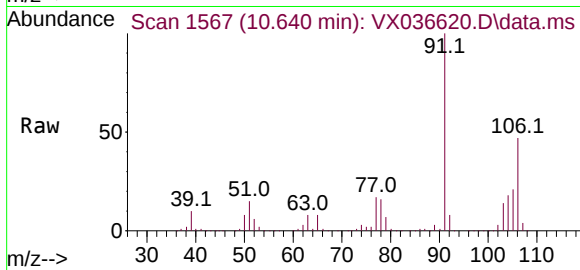
#69
o-Xylene
Concen: 53.097 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 244262
Ion Ratio Lower Upper
106 100
91 214.9 108.9 326.8

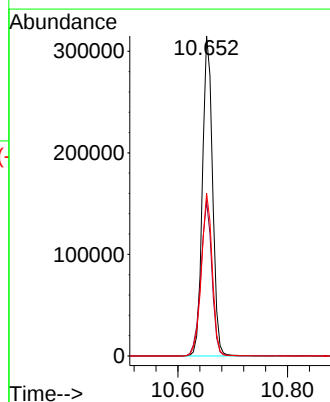
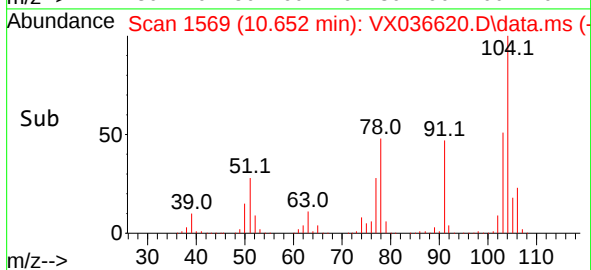
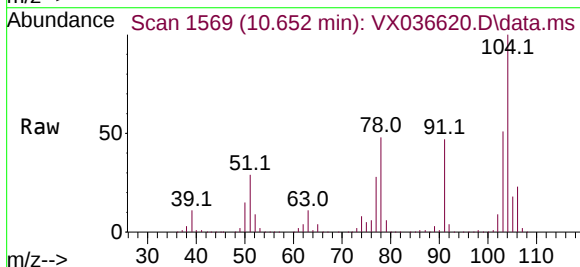
Manual Integrations
APPROVED

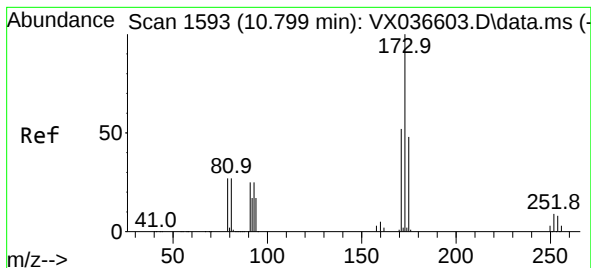
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 53.457 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:104 Resp: 405736
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 57.355 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

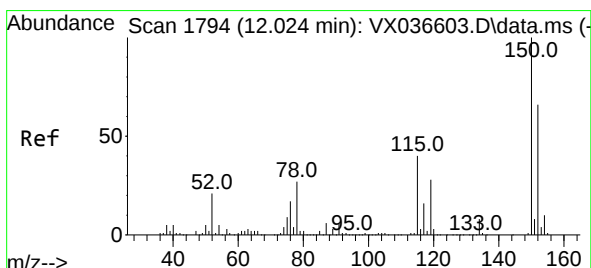
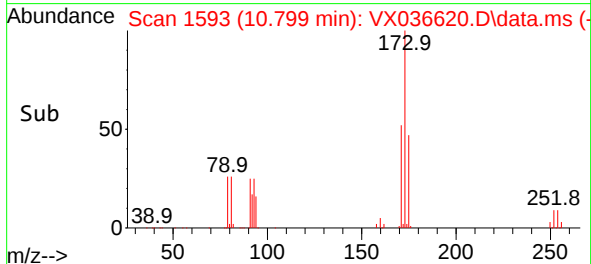
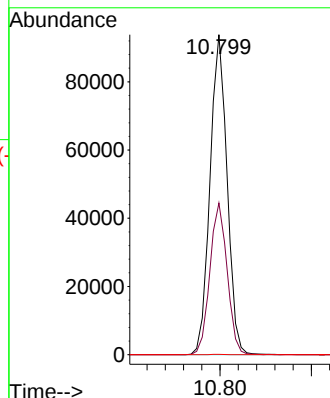
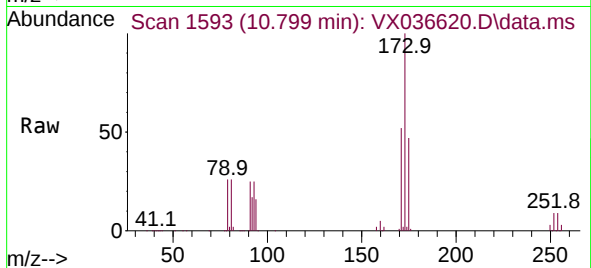
Tgt Ion:173 Resp: 12133
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

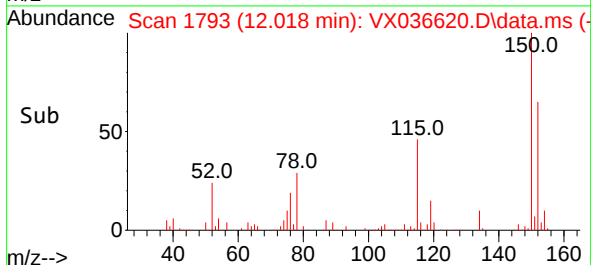
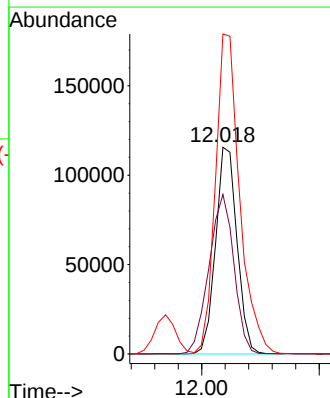
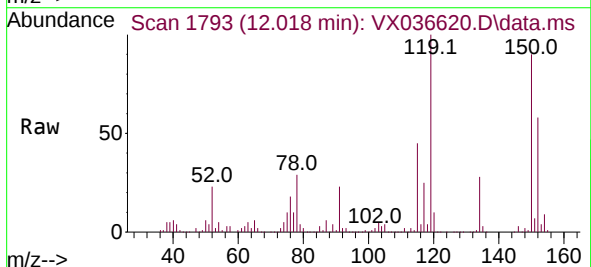
RT: 12.018 min Scan# 1793

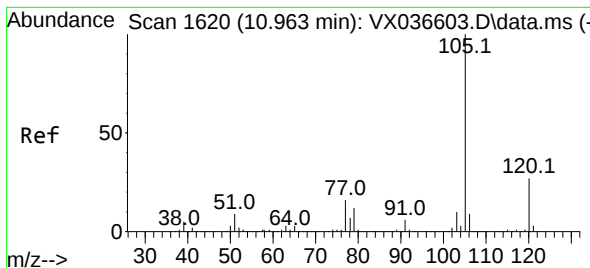
Delta R.T. -0.006 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion:152 Resp: 146695
 Ion Ratio Lower Upper
 152 100
 115 90.1 43.3 129.9
 150 174.7 0.0 345.0





#73

Isopropylbenzene

Concen: 52.511 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 637499

Ion Ratio Lower Upper

105 100

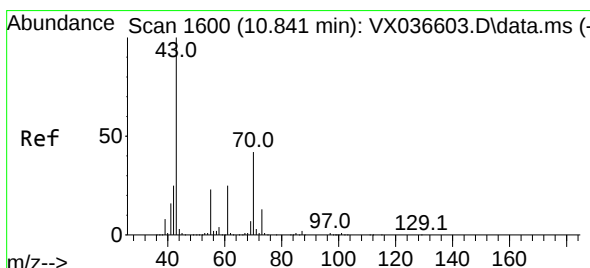
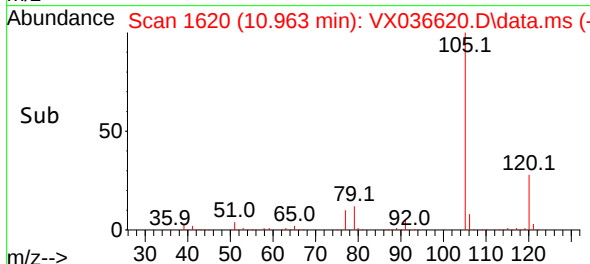
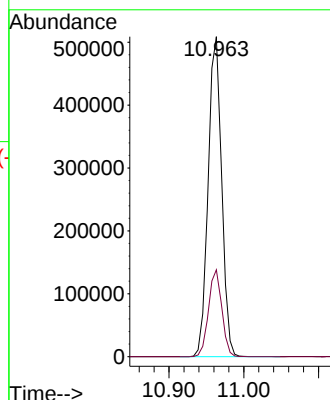
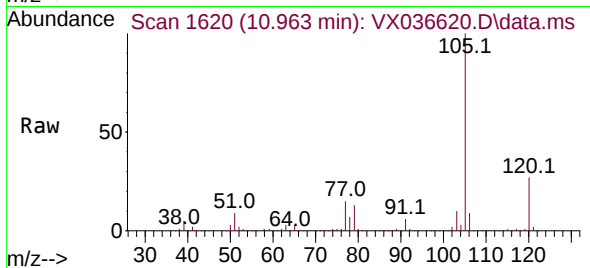
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#74

N-ethyl acetate

Concen: 52.979 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion: 43 Resp: 299931

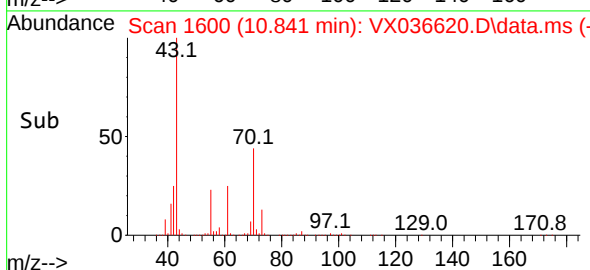
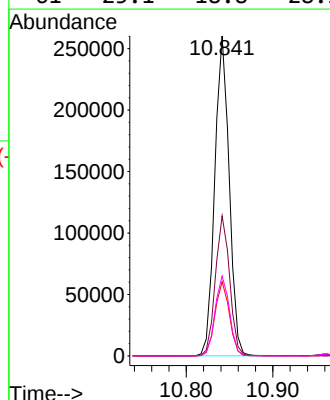
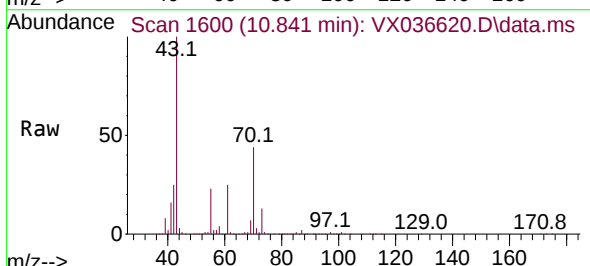
Ion Ratio Lower Upper

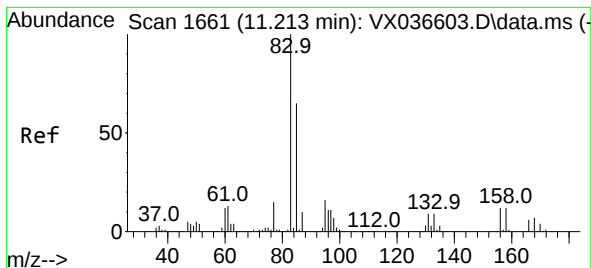
43 100

70 43.6 32.9 49.3

55 23.2 19.3 28.9

61 25.1 18.8 28.2





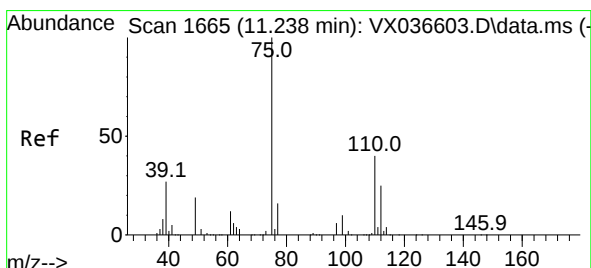
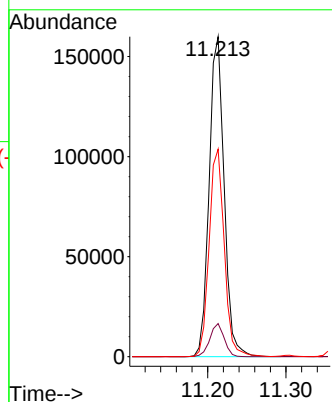
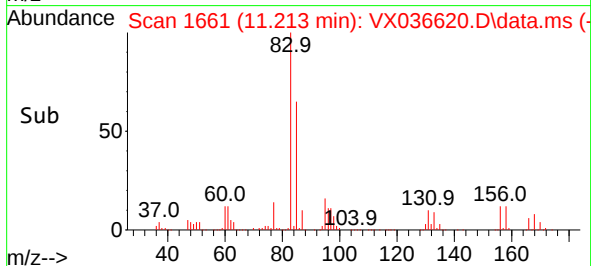
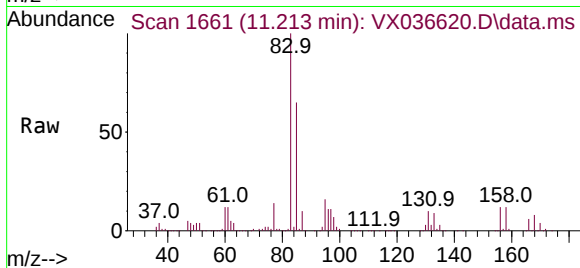
#75
1,1,2,2-Tetrachloroethane
Concen: 51.757 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 21222
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.4 32.0 96.2

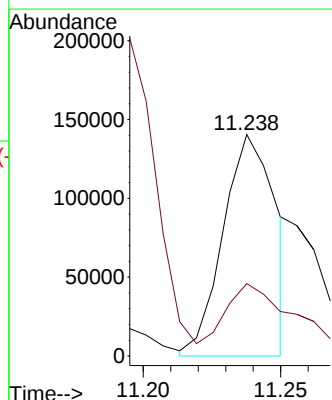
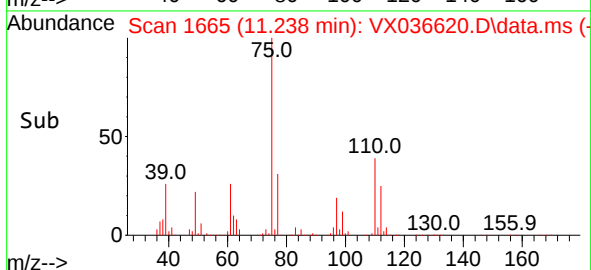
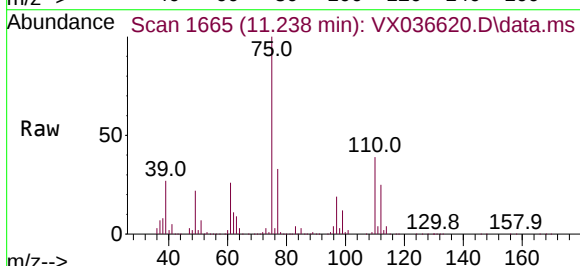
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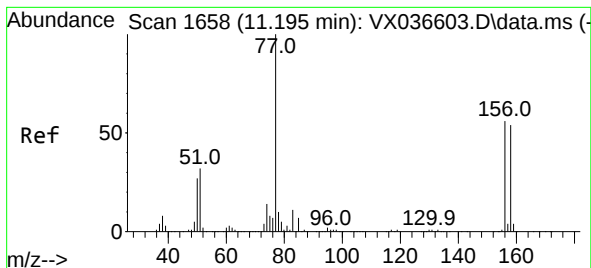
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#76
1,2,3-Trichloropropane
Concen: 53.998 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 75 Resp: 186315
Ion Ratio Lower Upper
75 100
77 44.1 19.1 57.5





#77

Bromobenzene

Concen: 53.445 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 147762

Ion Ratio Lower Upper

156 100

77 171.7 88.4 265.3

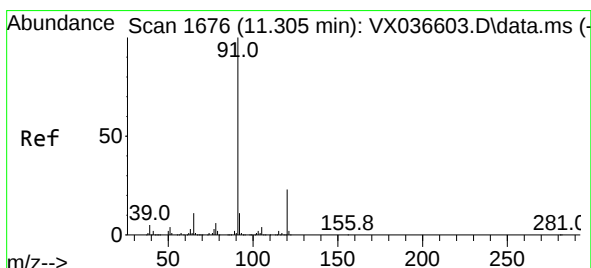
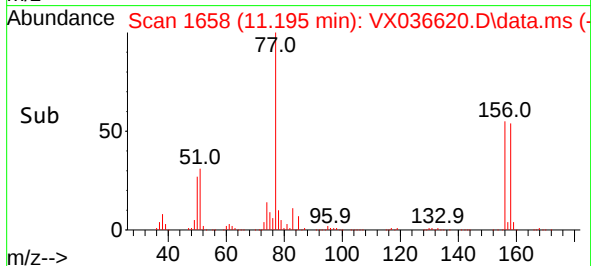
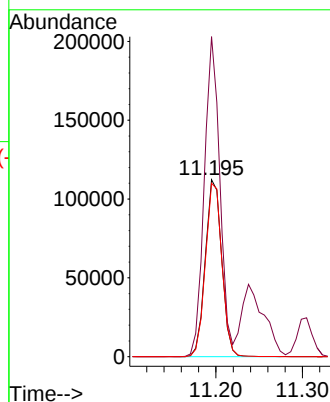
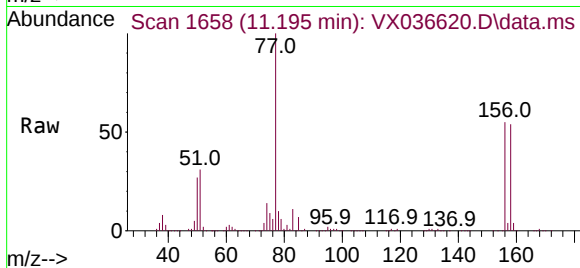
158 98.4 48.0 144.0

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Reviewed By :John Carlone 07/25/2023

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#78

n-propylbenzene

Concen: 52.805 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036620.D

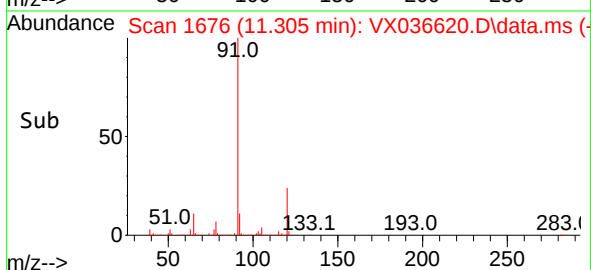
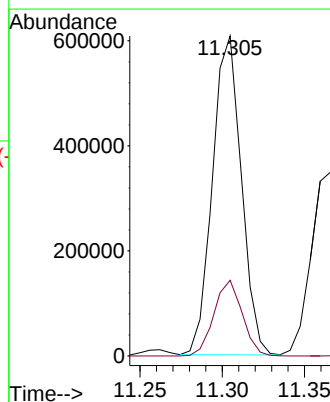
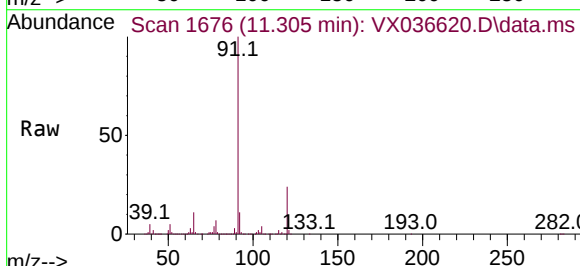
Acq: 24 Jul 2023 10:24

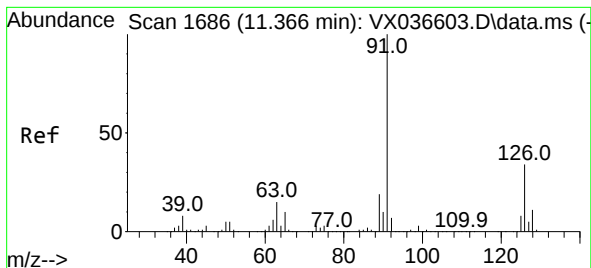
Tgt Ion: 91 Resp: 741400

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





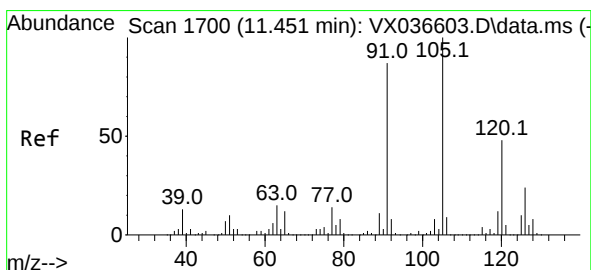
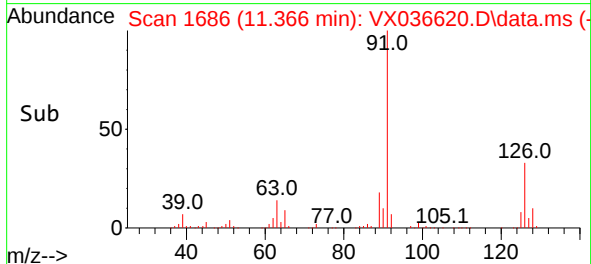
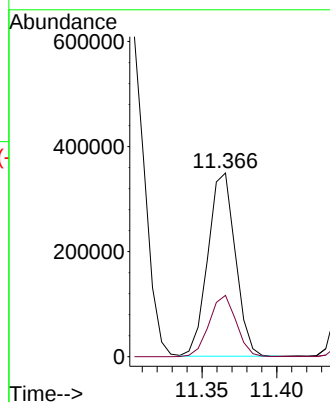
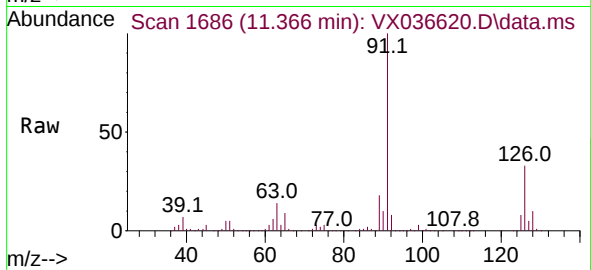
#79
2-Chlorotoluene
Concen: 52.461 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 446334
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

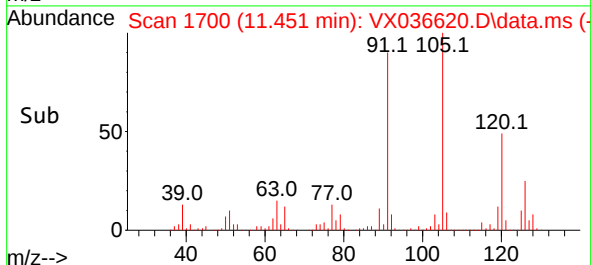
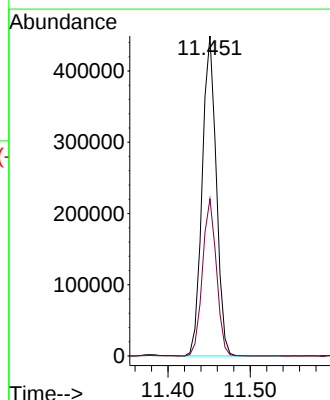
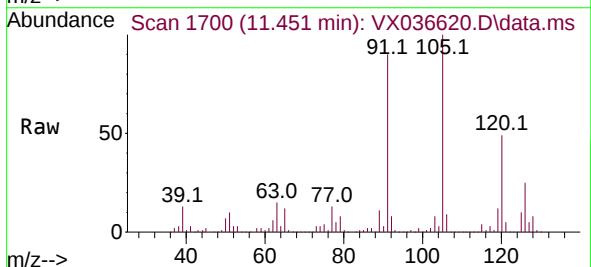
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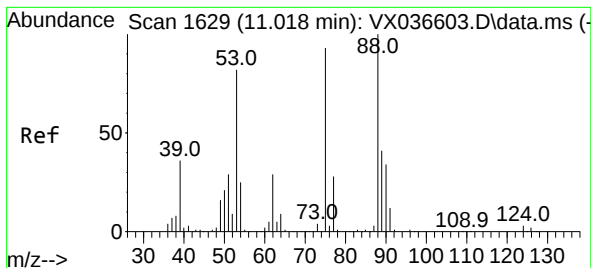
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.733 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:105 Resp: 535571
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





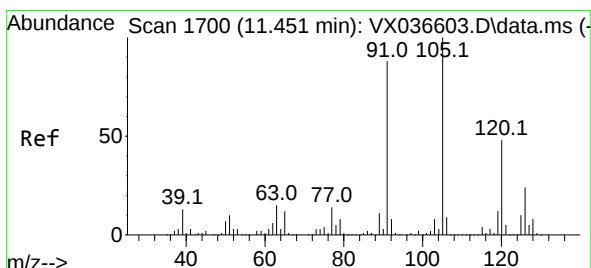
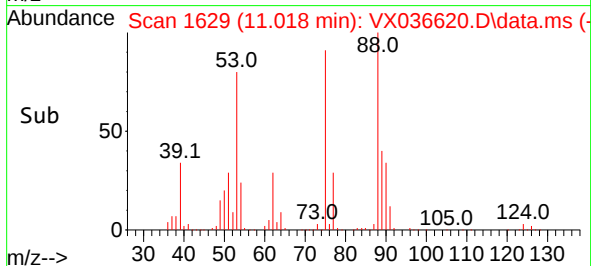
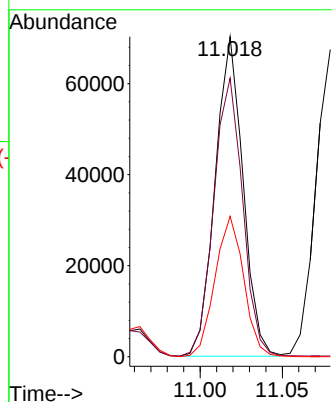
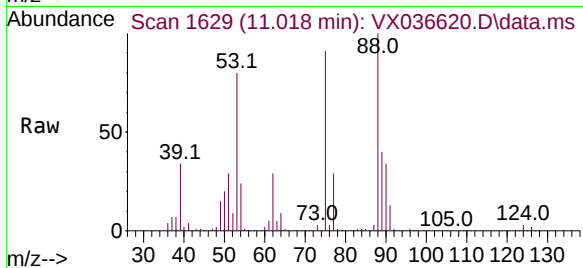
#81
trans-1,4-Dichloro-2-butene
Concen: 54.325 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 82700
Ion Ratio Lower Upper
75 100
53 90.3 90.5 135.7
89 45.3 36.9 55.3

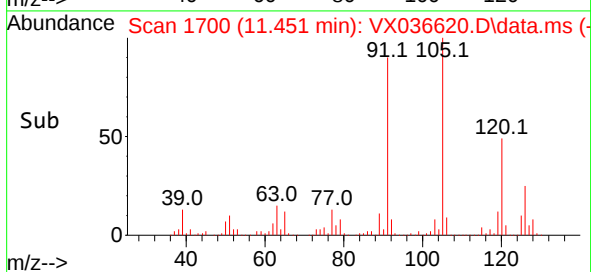
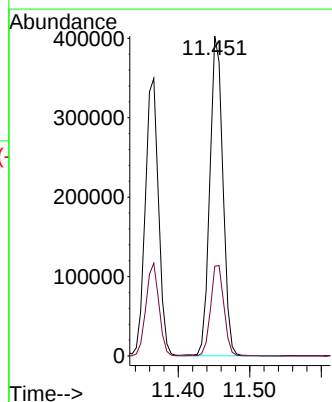
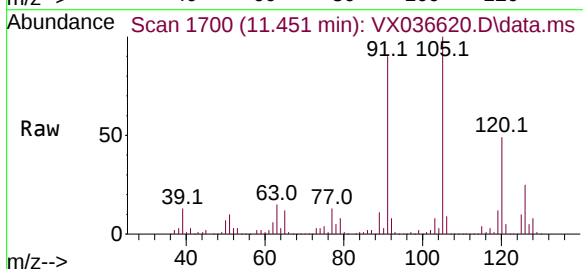
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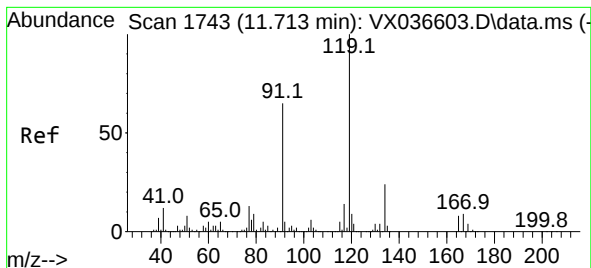
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#82
4-Chlorotoluene
Concen: 52.657 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 91 Resp: 510454
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.715 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 525958

Ion Ratio Lower Upper

119 100

91 60.8 31.2 93.6

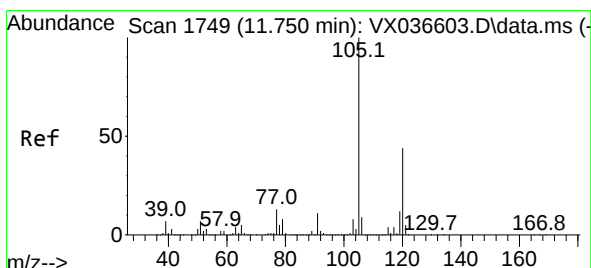
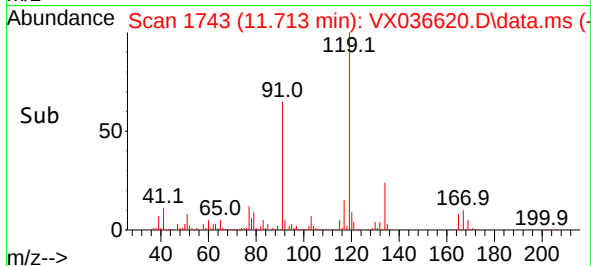
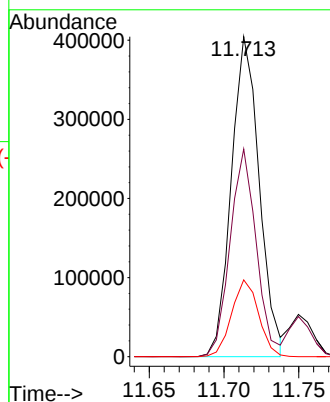
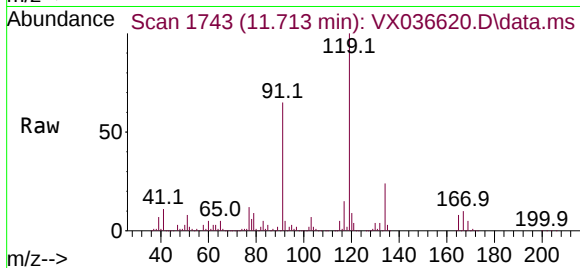
134 23.1 11.7 35.0

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 52.837 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036620.D

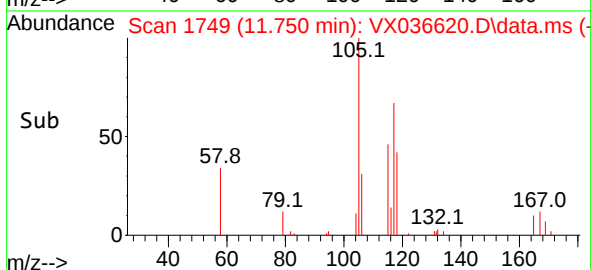
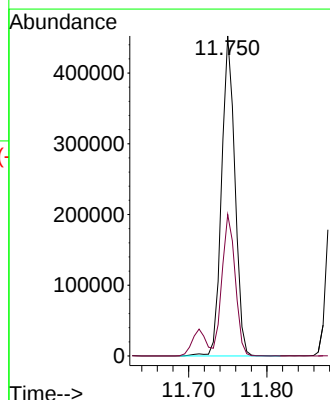
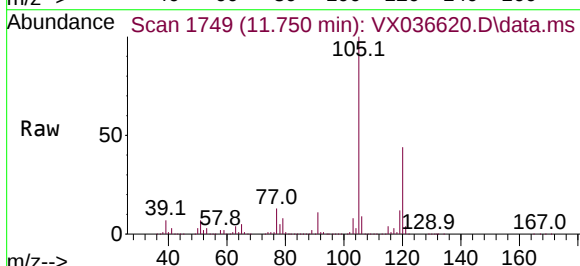
Acq: 24 Jul 2023 10:24

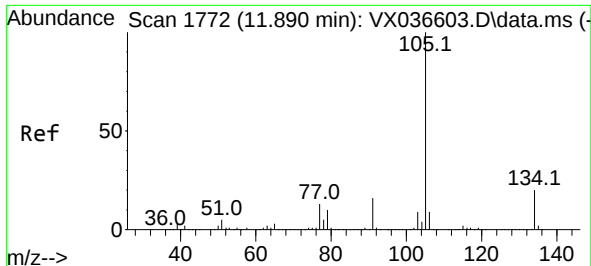
Tgt Ion:105 Resp: 536666

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.464 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

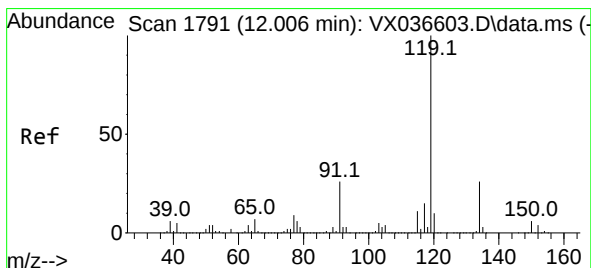
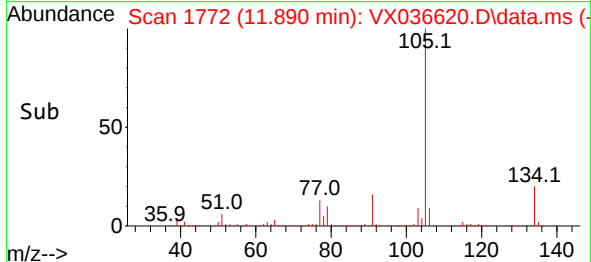
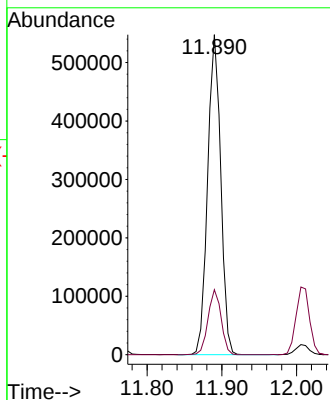
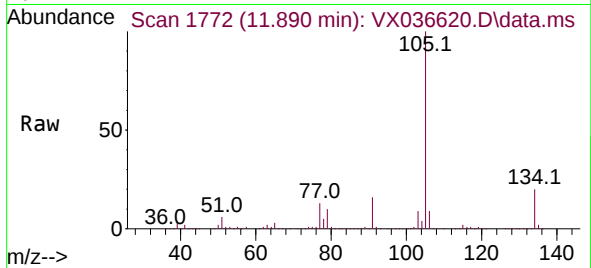
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 66525
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4

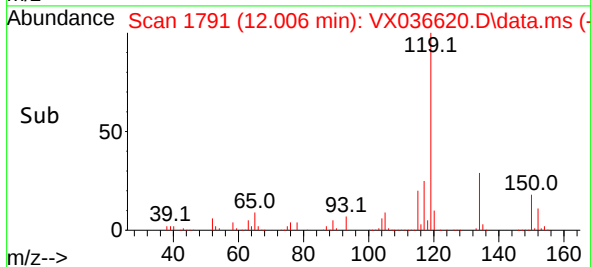
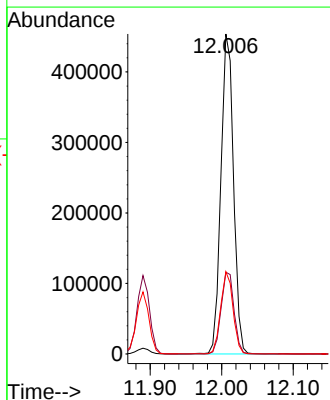
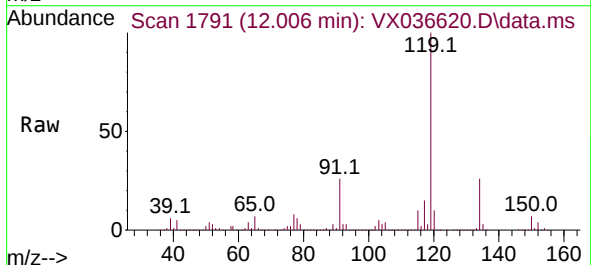
Manual Integrations
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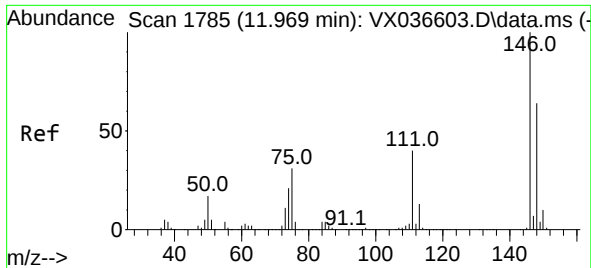
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#86
 p-Isopropyltoluene
 Concen: 54.263 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036620.D
 Acq: 24 Jul 2023 10:24

Tgt Ion:119 Resp: 555575
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.697 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 274960

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

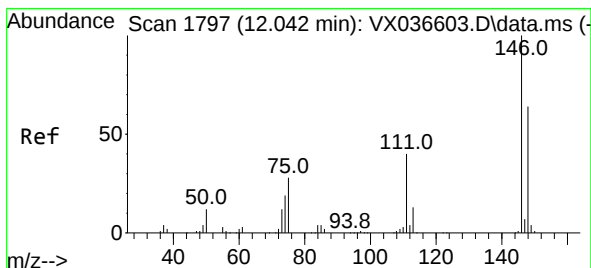
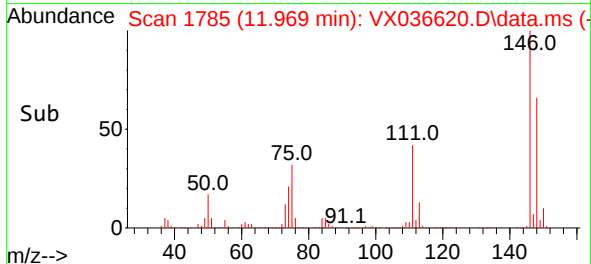
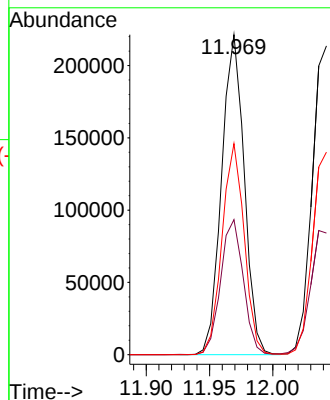
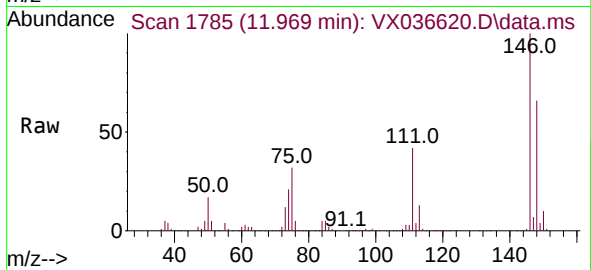
148 64.6 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#88

1,4-Dichlorobenzene

Concen: 53.266 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

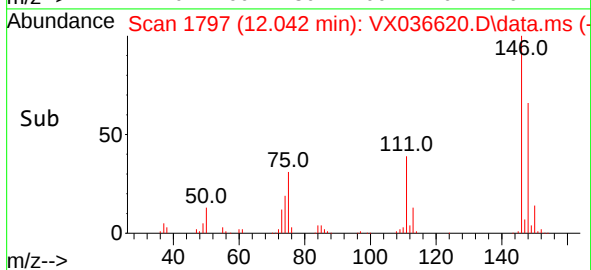
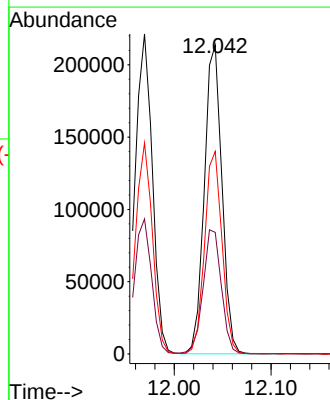
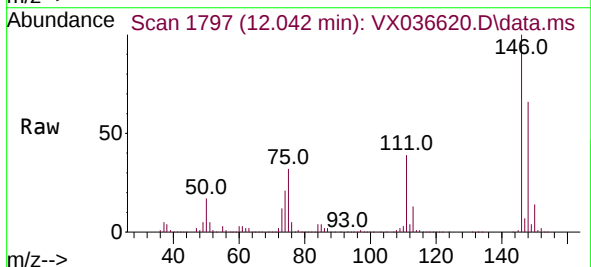
Tgt Ion:146 Resp: 270686

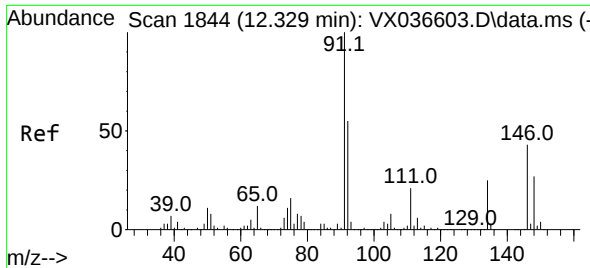
Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

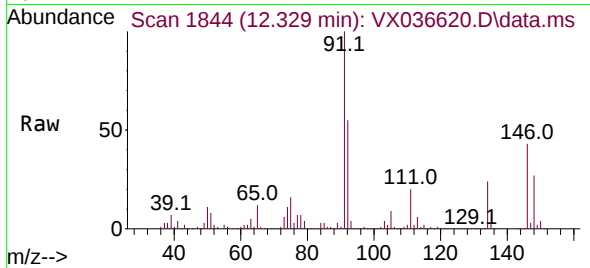
148 64.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.639 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

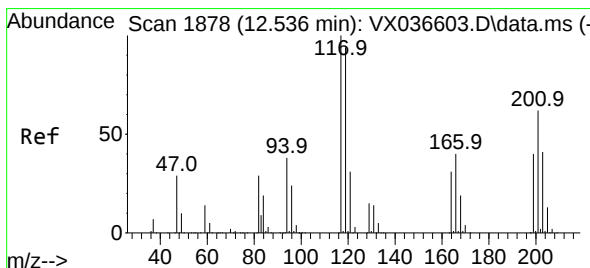
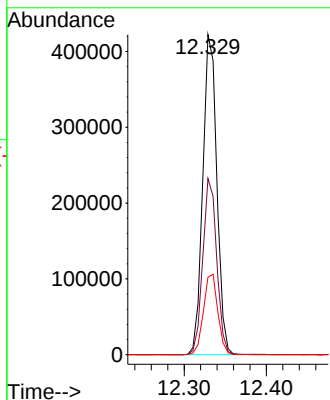
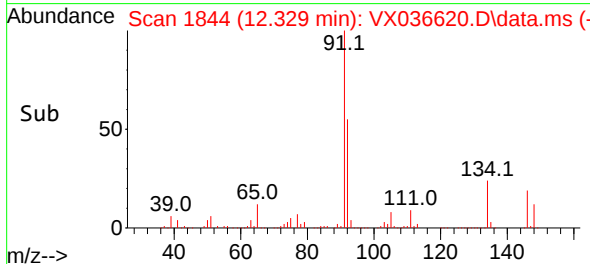
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 500790
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 25.7 12.6 37.8

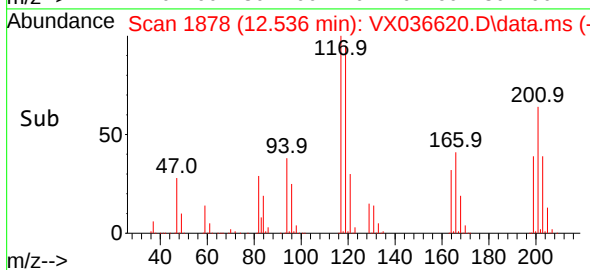
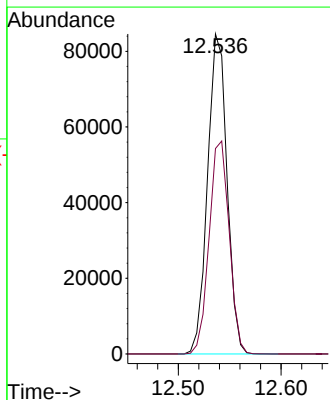
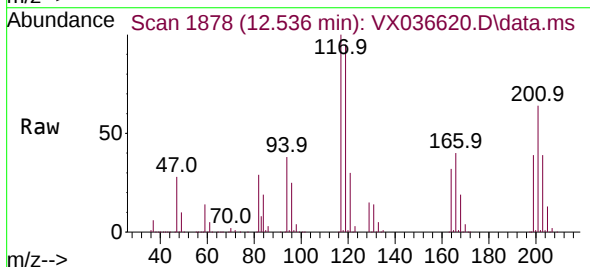
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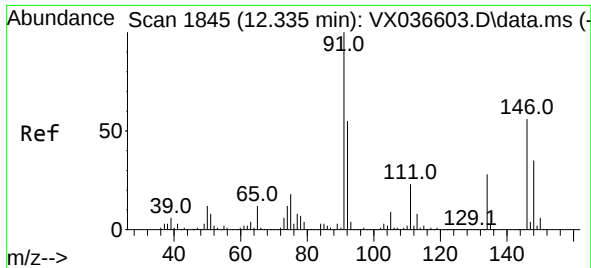
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 53.615 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:117 Resp: 111285
Ion Ratio Lower Upper
117 100
201 68.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.114 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

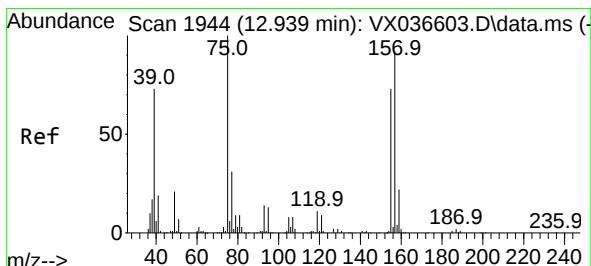
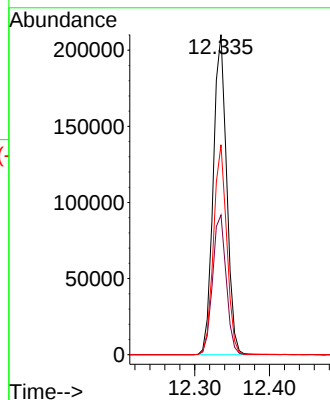
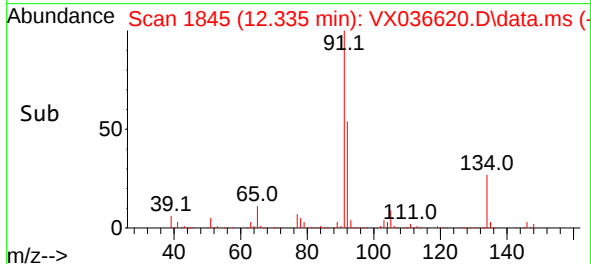
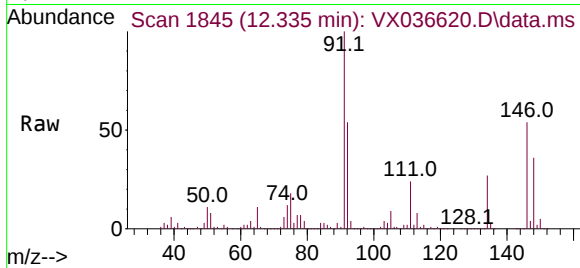
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 26245
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 64.3 31.6 95.0

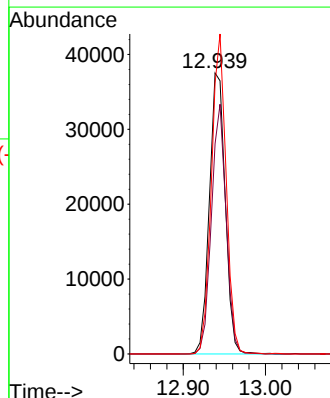
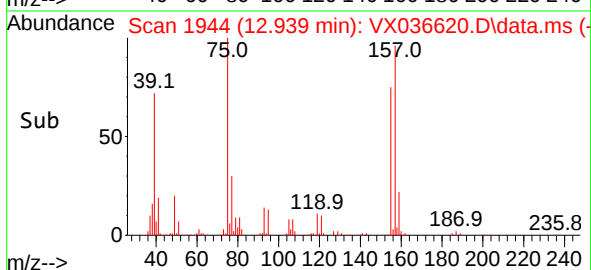
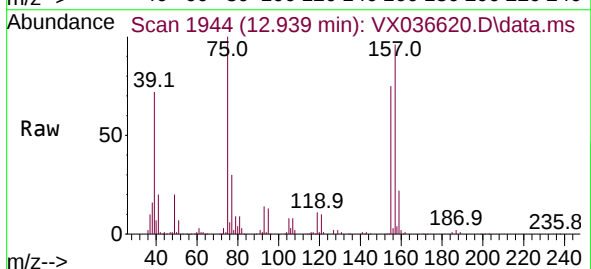
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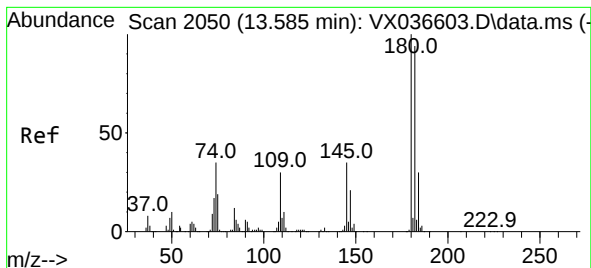
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.700 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion: 75 Resp: 50215
Ion Ratio Lower Upper
75 100
155 82.5 36.1 108.5
157 105.6 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.997 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

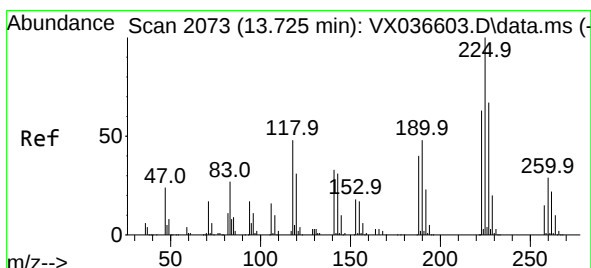
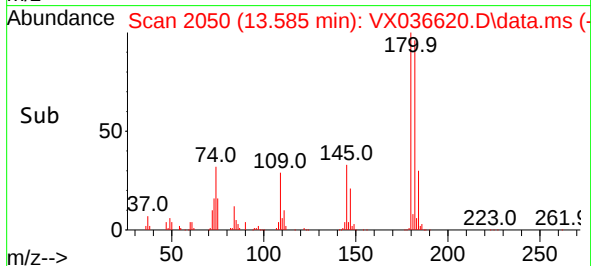
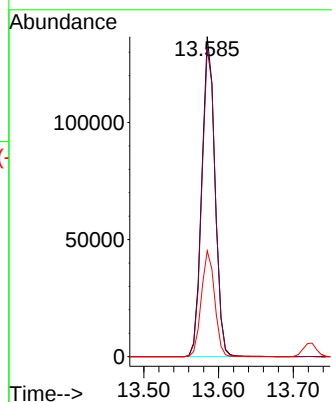
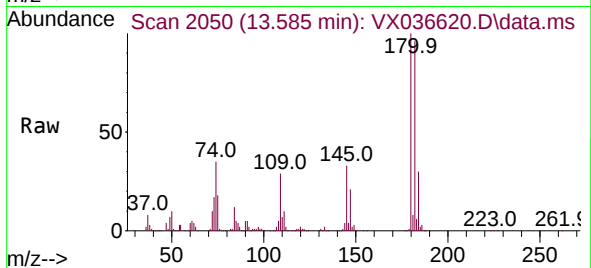
Tgt Ion:180	Resp: 167434
Ion Ratio	Lower Upper
180 100	
182 97.2	48.3 144.8
145 33.2	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#94

Hexachlorobutadiene

Concen: 56.101 ug/l

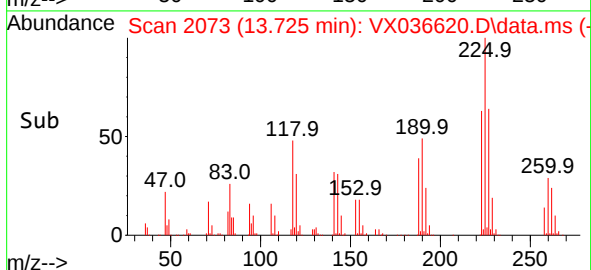
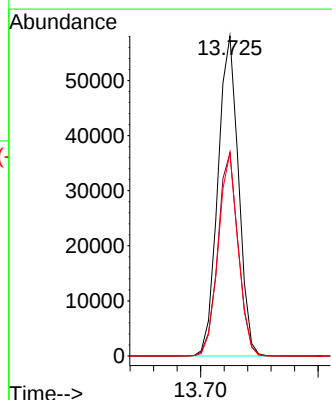
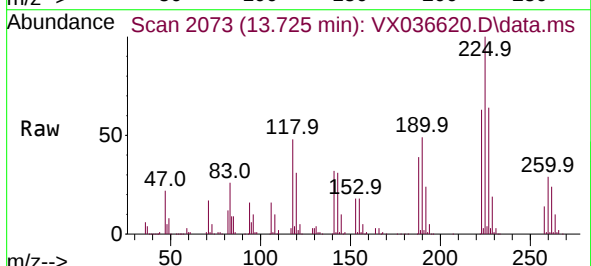
RT: 13.725 min Scan# 2073

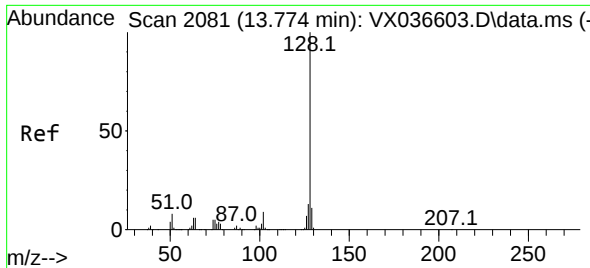
Delta R.T. -0.000 min

Lab File: VX036620.D

Acq: 24 Jul 2023 10:24

Tgt Ion:225	Resp: 70659
Ion Ratio	Lower Upper
225 100	
223 62.5	31.1 93.2
227 61.0	32.5 97.5





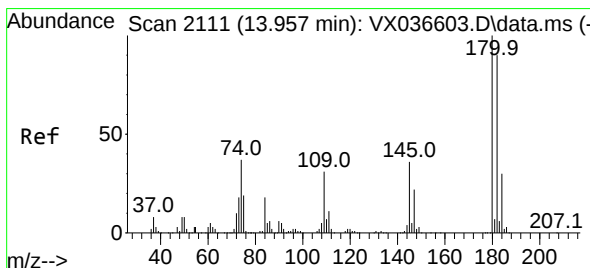
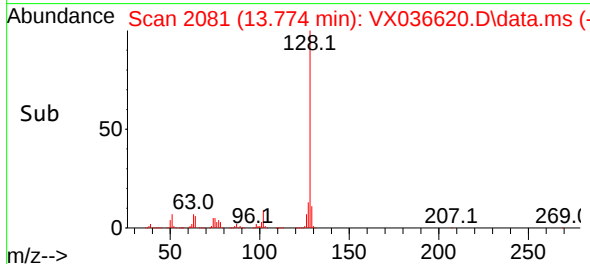
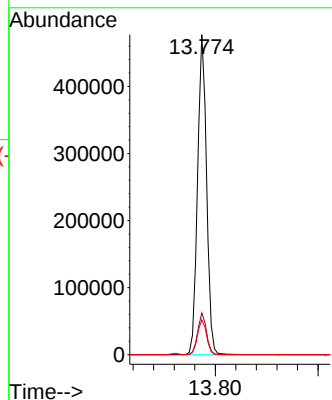
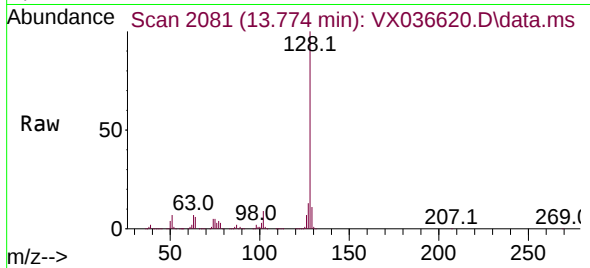
#95
Naphthalene
Concen: 54.876 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 58218
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 55.321 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036620.D
Acq: 24 Jul 2023 10:24

Tgt Ion:180 Resp: 165997
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 34.8 17.8 53.5

