

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036640.D
 Acq On : 24 Jul 2023 19:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 06:39:43 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	168783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	299813	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	274329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	130476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	124263	49.757	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.391	113	101862	49.430	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	8.647	98	362577	49.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.220%		
62) 4-Bromofluorobenzene	11.079	95	141428	51.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	98348	44.108	ug/l	98
3) Chloromethane	1.295	50	91560	45.148	ug/l	100
4) Vinyl Chloride	1.374	62	100622	48.733	ug/l	99
5) Bromomethane	1.618	94	62194	50.454	ug/l	99
6) Chloroethane	1.691	64	56791	56.574	ug/l	97
7) Trichlorofluoromethane	1.886	101	160714	50.404	ug/l	99
8) Diethyl Ether	2.136	74	60077	48.701	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	93401	48.757	ug/l	99
10) Methyl Iodide	2.453	142	103399	51.967	ug/l	92
11) Tert butyl alcohol	3.002	59	156736	265.096	ug/l #	95
12) 1,1-Dichloroethene	2.319	96	94174	49.829	ug/l	87
13) Acrolein	2.239	56	88330	261.779	ug/l	99
14) Allyl chloride	2.666	41	175310	47.106	ug/l	93
15) Acrylonitrile	3.069	53	308575	259.521	ug/l	99
16) Acetone	2.398	43	247818	239.132	ug/l	90
17) Carbon Disulfide	2.514	76	240147	46.039	ug/l	98
18) Methyl Acetate	2.709	43	224729	51.548	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	364181	51.278	ug/l	100
20) Methylene Chloride	2.788	84	109239	47.397	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	103011	48.768	ug/l	93
22) Diisopropyl ether	3.764	45	349789	49.502	ug/l	86
23) Vinyl Acetate	3.721	43	1389700	256.387	ug/l	96
24) 1,1-Dichloroethane	3.611	63	198006	49.979	ug/l	98
25) 2-Butanone	4.562	43	423934	252.135	ug/l	95
26) 2,2-Dichloropropane	4.477	77	162595	43.555	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	124382	49.578	ug/l	93
28) Bromochloromethane	4.904	49	94425	49.281	ug/l	91
29) Tetrahydrofuran	5.013	42	276725	255.278	ug/l	93
30) Chloroform	5.093	83	206900	51.046	ug/l	99
31) Cyclohexane	5.471	56	159173	46.032	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	184557	49.693	ug/l	98
36) 1,1-Dichloropropene	5.696	75	146429	47.673	ug/l	99
37) Ethyl Acetate	4.715	43	174537	50.205	ug/l	97
38) Carbon Tetrachloride	5.678	117	160134	49.039	ug/l	98
39) Methylcyclohexane	7.379	83	171091	44.796	ug/l	96
40) Benzene	6.038	78	431476	48.283	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	94713	50.938	ug/l	94
42) 1,2-Dichloroethane	6.092	62	163688	50.099	ug/l	96
43) Isopropyl Acetate	6.342	43	293279	49.008	ug/l	96
44) Trichloroethene	7.129	130	113043	48.394	ug/l	99
45) 1,2-Dichloropropane	7.434	63	115333	48.338	ug/l	100
46) Dibromomethane	7.580	93	83259	49.860	ug/l	97
47) Bromodichloromethane	7.824	83	169836	49.549	ug/l	98
48) Methyl methacrylate	7.696	41	138077	49.613	ug/l	91
49) 1,4-Dioxane	7.702	88	59586	1059.826	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	856537	258.640	ug/l	96
52) Toluene	8.720	92	274545	49.030	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	191260	49.370	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	198277	48.503	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	118454	50.325	ug/l	97
56) Ethyl methacrylate	9.116	69	197420	51.508	ug/l	94
57) 1,3-Dichloropropane	9.311	76	199890	50.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	435684	230.699	ug/l	98
59) 2-Hexanone	9.433	43	636872	259.120	ug/l	95
60) Dibromochloromethane	9.519	129	132521	51.224	ug/l	99
61) 1,2-Dibromoethane	9.610	107	125797	51.567	ug/l	100
64) Tetrachloroethene	9.275	164	99241	48.501	ug/l	98
65) Chlorobenzene	10.080	112	298521	49.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	116537	49.861	ug/l	98
67) Ethyl Benzene	10.195	91	536965	48.608	ug/l	99
68) m/p-Xylenes	10.299	106	407324	98.826	ug/l	98
69) o-Xylene	10.640	106	202531	49.228	ug/l	99
70) Styrene	10.653	104	339028	49.947	ug/l	98
71) Bromoform	10.799	173	97702	51.640	ug/l #	99
73) Isopropylbenzene	10.964	105	526059	48.718	ug/l	98
74) N-amyl acetate	10.842	43	243432	48.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	178346	48.901	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	151889m	49.492	ug/l	
77) Bromobenzene	11.195	156	123882	50.377	ug/l	96
78) n-propylbenzene	11.305	91	612886	49.078	ug/l	100
79) 2-Chlorotoluene	11.366	91	367411	48.553	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	444675	49.226	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	64273	47.469	ug/l	85
82) 4-Chlorotoluene	11.451	91	419276	48.628	ug/l	98
83) tert-Butylbenzene	11.713	119	435640	49.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	443346	49.075	ug/l	97
85) sec-Butylbenzene	11.890	105	549016	49.608	ug/l	99
86) p-Isopropyltoluene	12.006	119	461676	50.697	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	226642	49.762	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	226562	50.125	ug/l	99
89) n-Butylbenzene	12.329	91	404629	49.635	ug/l	100
90) Hexachloroethane	12.536	117	91347	49.480	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	217599	49.510	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	42762	50.457	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	135932	50.200	ug/l	97
94) Hexachlorobutadiene	13.725	225	53673	47.912	ug/l	99
95) Naphthalene	13.774	128	486774	51.586	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133764	50.121	ug/l	97

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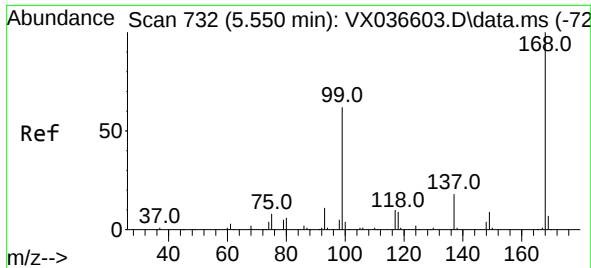
Manual Integrations
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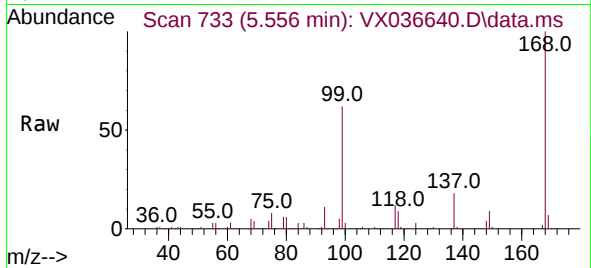
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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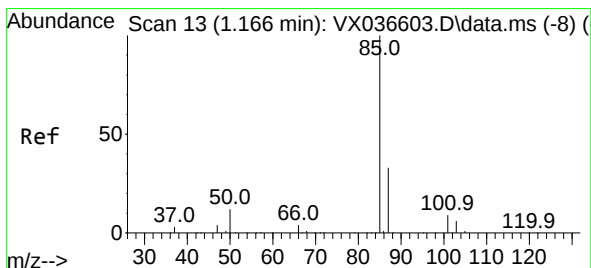
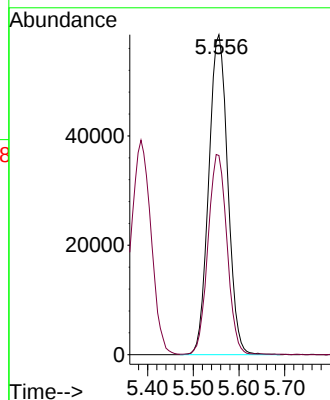
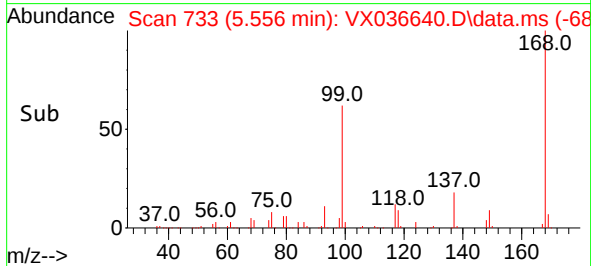
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 16878
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0

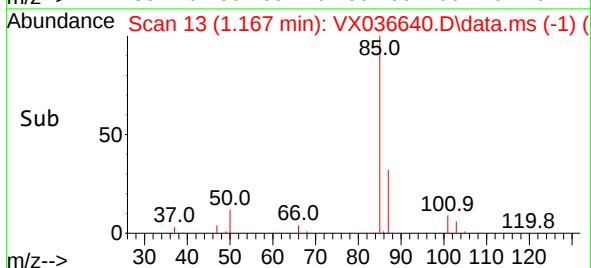
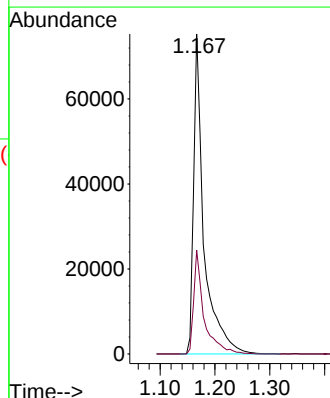
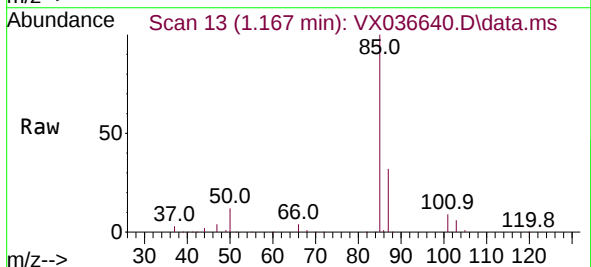
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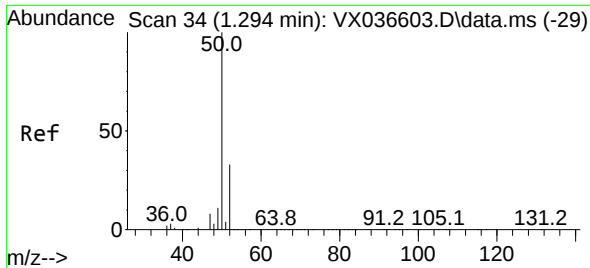
Reviewed By :John Carlone 07/25/2023
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#2
Dichlorodifluoromethane
Concen: 44.108 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

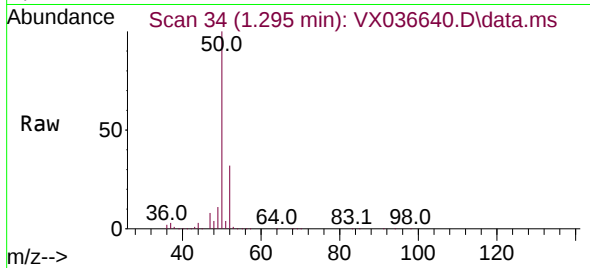
Tgt Ion: 85 Resp: 98348
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 45.148 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

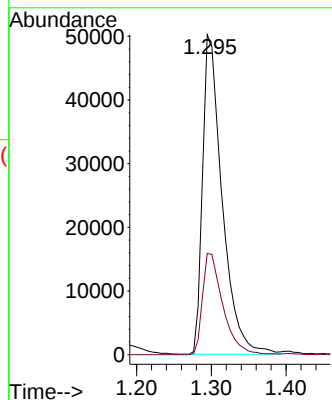
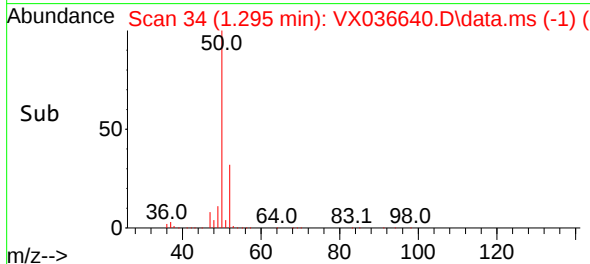
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 91560
Ion Ratio Lower Upper
50 100
52 31.6 25.5 38.3

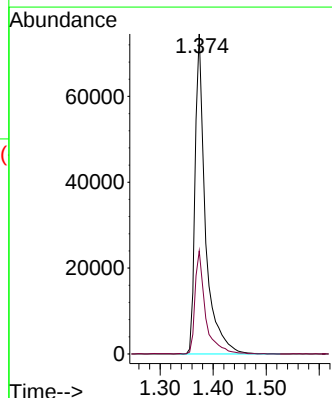
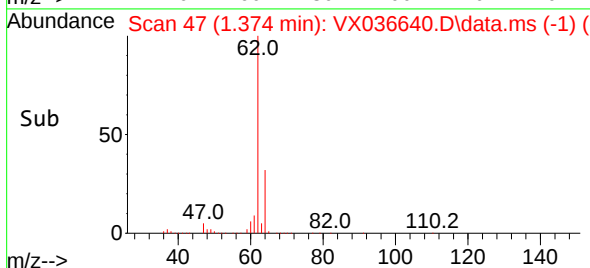
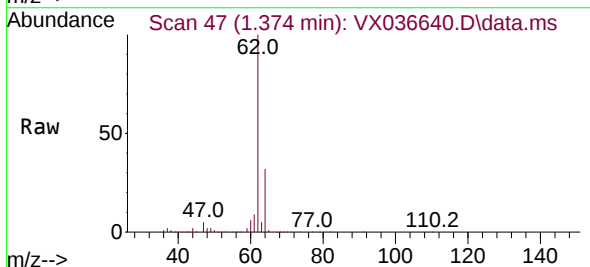
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#4
Vinyl Chloride
Concen: 48.733 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

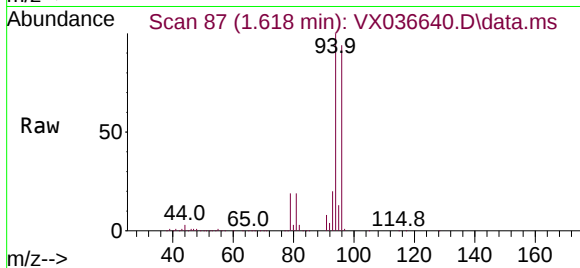
Tgt Ion: 62 Resp: 100622
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 50.454 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

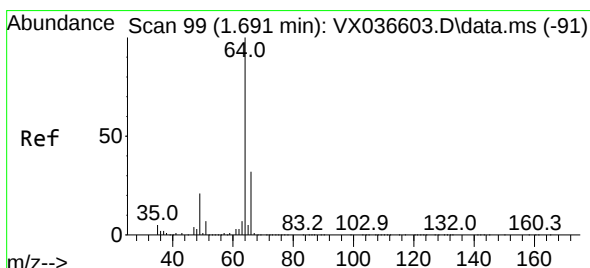
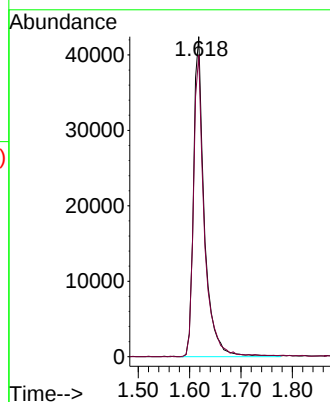
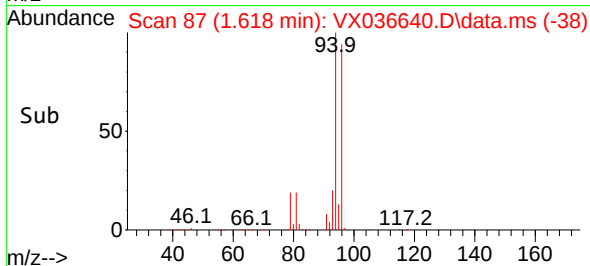
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 62194
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

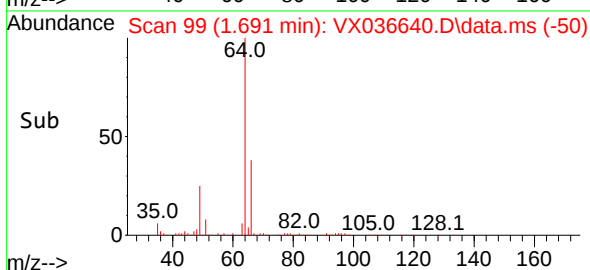
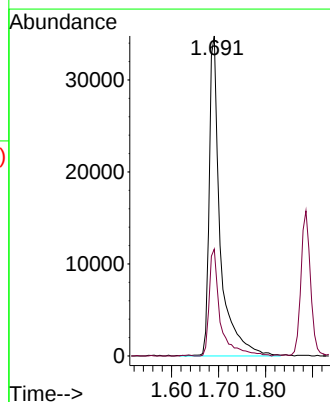
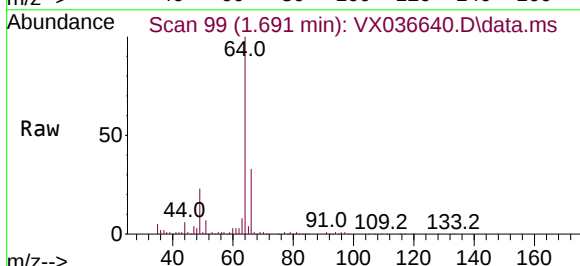
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#6
Chloroethane
Concen: 56.574 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

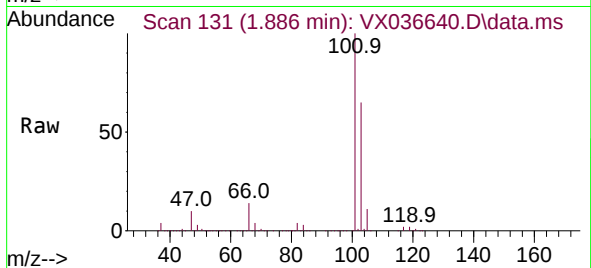
Tgt Ion: 64 Resp: 56791
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.404 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

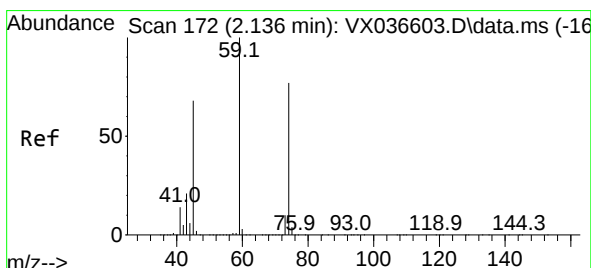
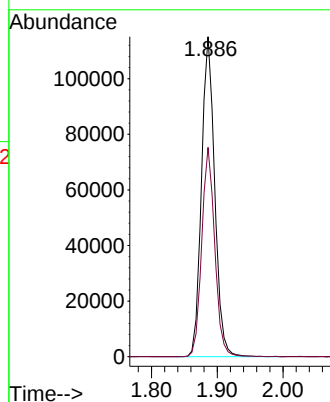
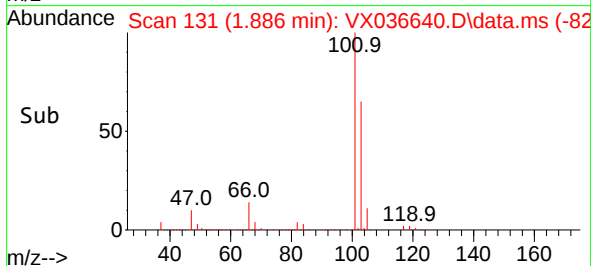
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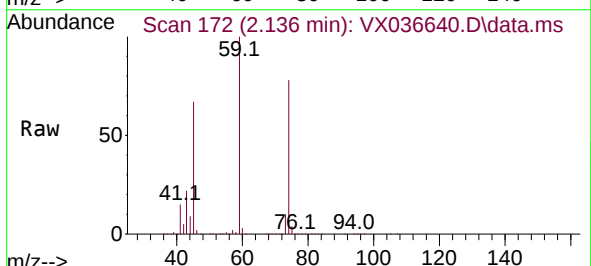
Tgt Ion:101 Resp: 160714
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

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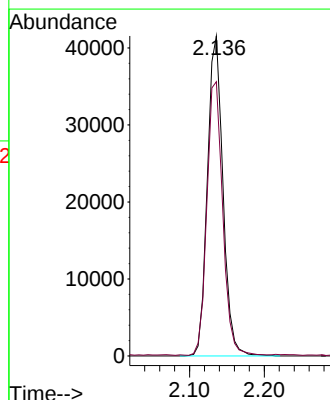
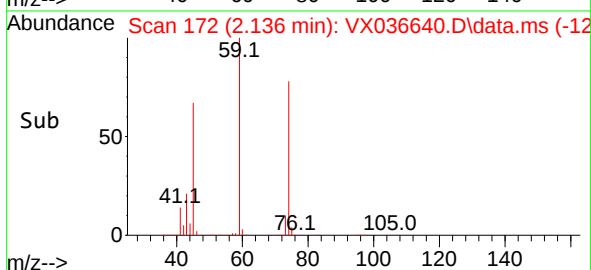
Reviewed By :John Carlone 07/25/2023
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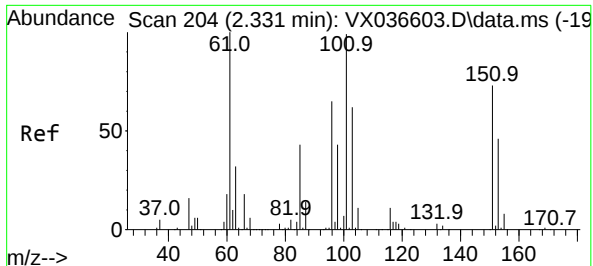


#8
Diethyl Ether
Concen: 48.701 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



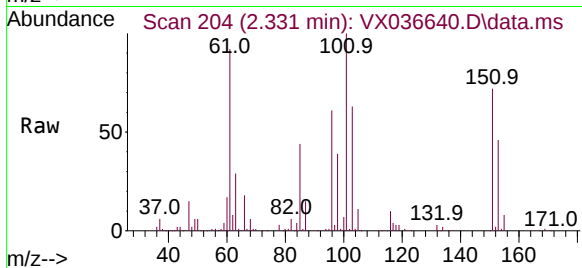
Tgt Ion: 74 Resp: 60077
Ion Ratio Lower Upper
74 100
45 86.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.757 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036640.D
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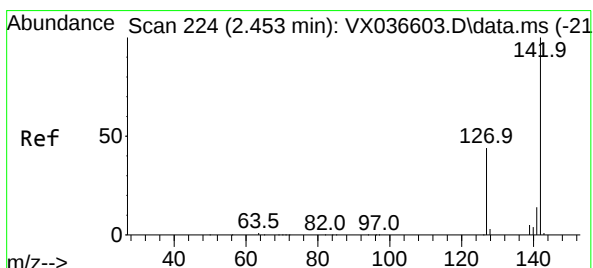
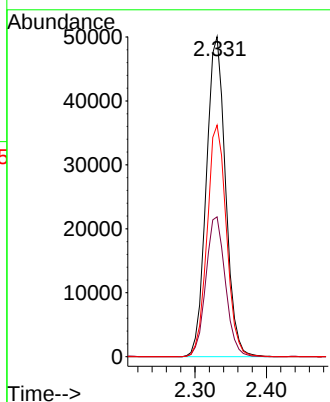
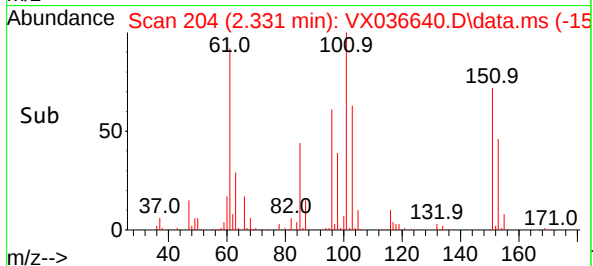
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Tgt Ion:101 Resp: 9340
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.6
151 72.6 58.6 87.8

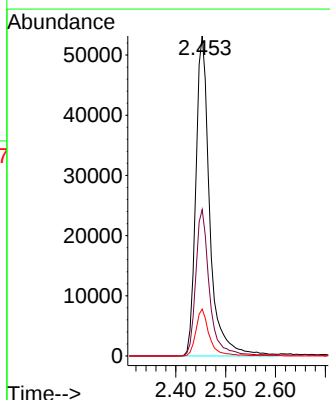
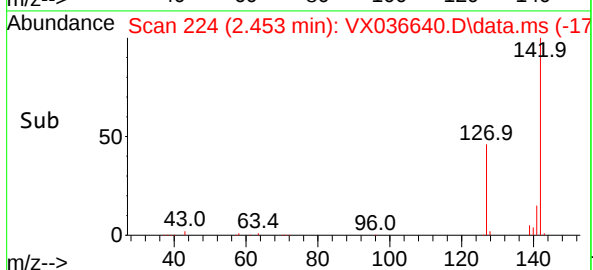
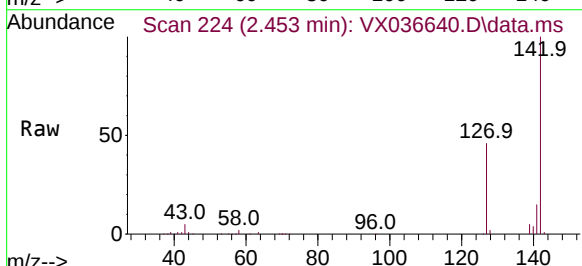
Manual Integrations
APPROVED

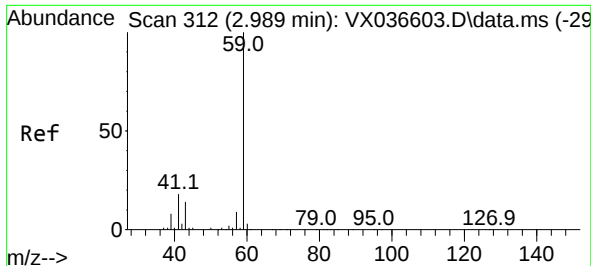
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 51.967 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion:142 Resp: 103399
Ion Ratio Lower Upper
142 100
127 45.2 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 265.096 ug/l

RT: 3.002 min Scan# 312

Delta R.T. 0.012 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 156730

Ion Ratio Lower Upper

59 100

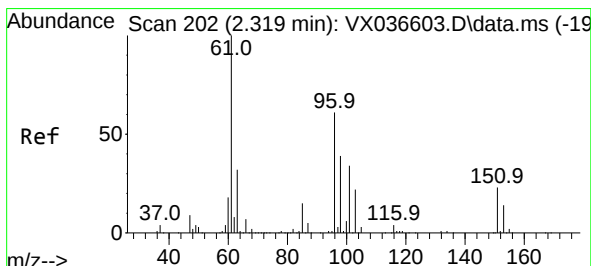
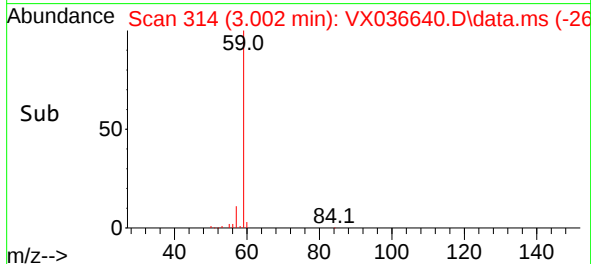
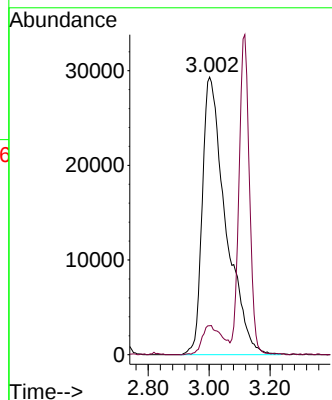
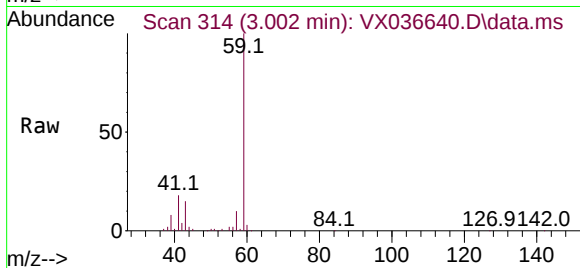
57 9.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#12

1,1-Dichloroethene

Concen: 49.829 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

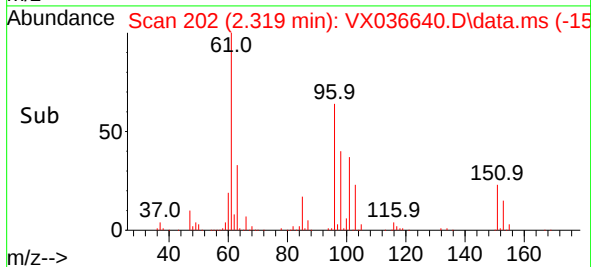
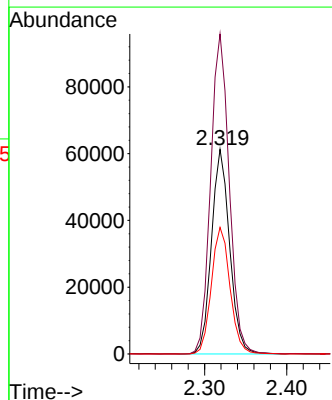
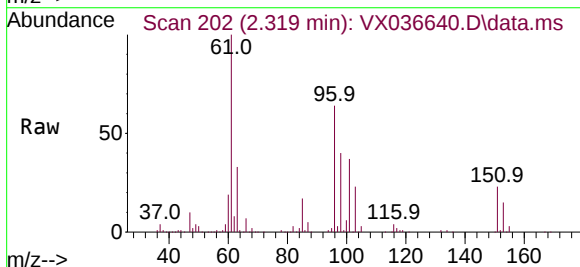
Tgt Ion: 96 Resp: 94174

Ion Ratio Lower Upper

96 100

61 156.4 144.6 216.8

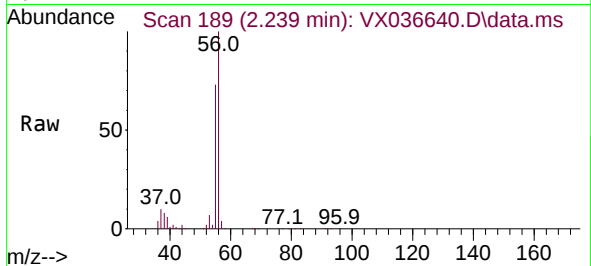
98 61.8 50.4 75.6





#13
Acrolein
Concen: 261.779 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

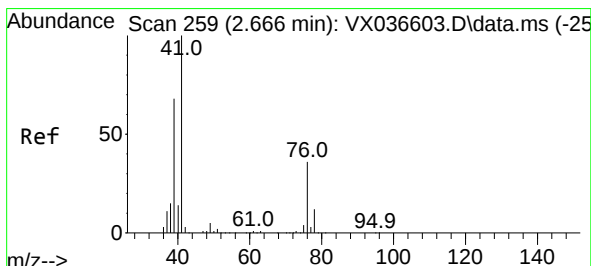
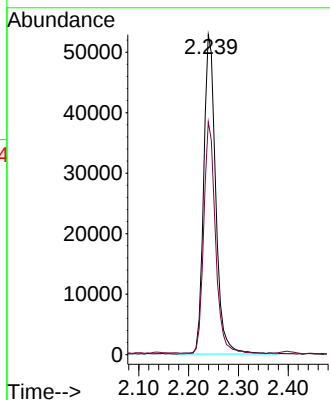
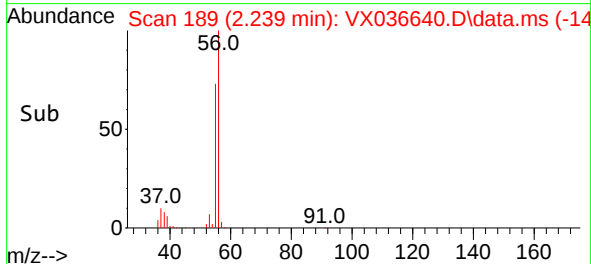
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 88330
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

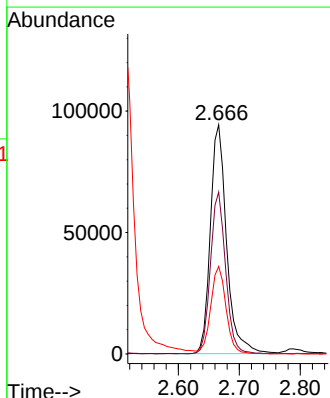
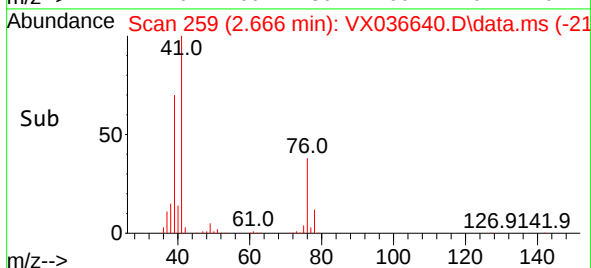
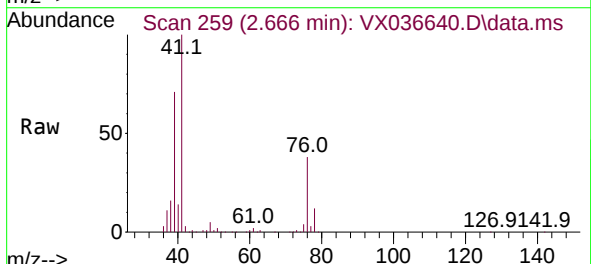
Manual Integrations
APPROVED

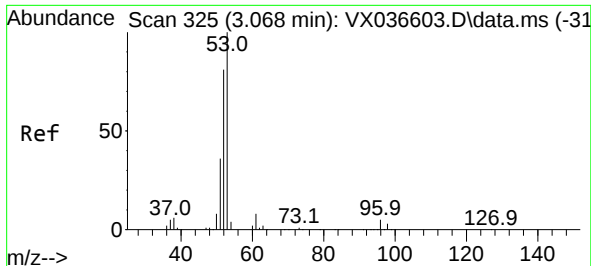
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 47.106 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

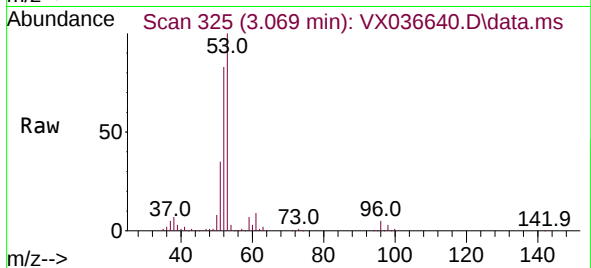
Tgt Ion: 41 Resp: 175310
Ion Ratio Lower Upper
41 100
39 65.7 55.8 83.6
76 36.0 24.3 36.5





#15
Acrylonitrile
Concen: 259.521 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

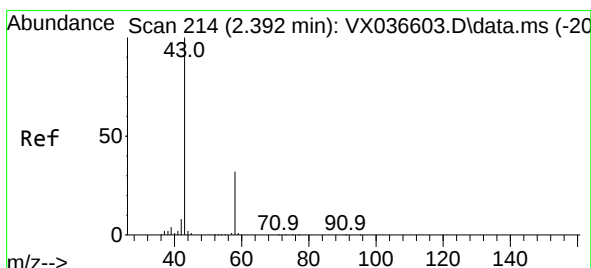
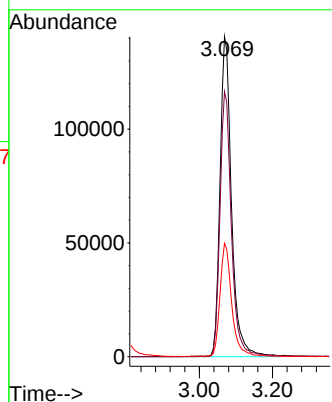
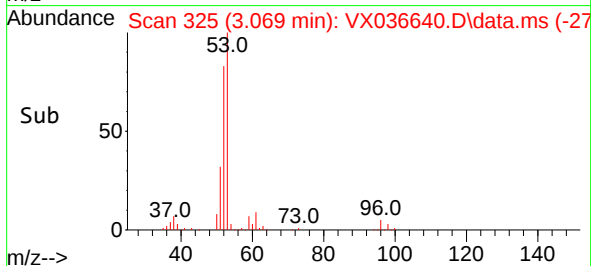
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



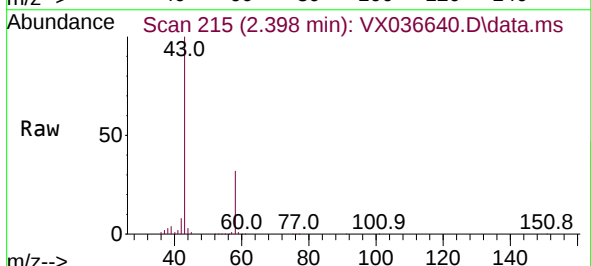
Tgt Ion: 53 Resp: 30857
Ion Ratio Lower Upper
53 100
52 82.6 66.0 99.0
51 35.4 29.8 44.6

Manual Integrations
APPROVED

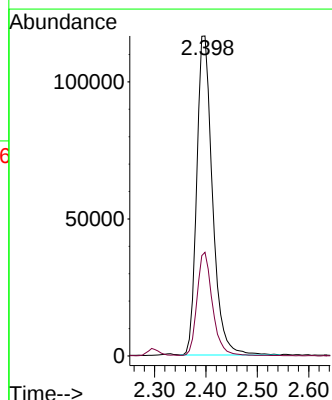
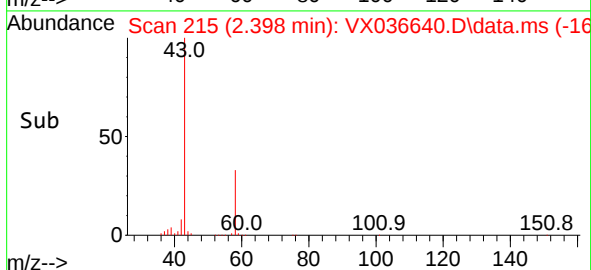
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

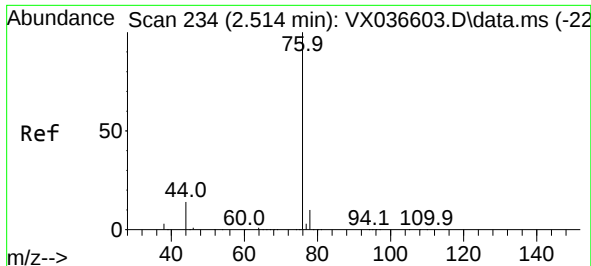


#16
Acetone
Concen: 239.132 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion: 43 Resp: 247818
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9





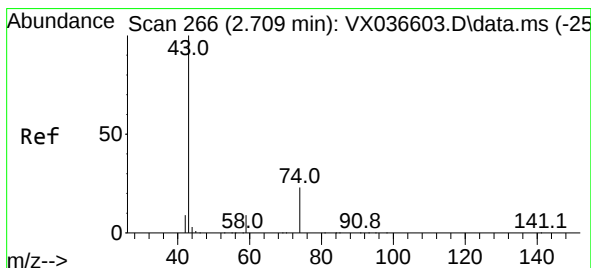
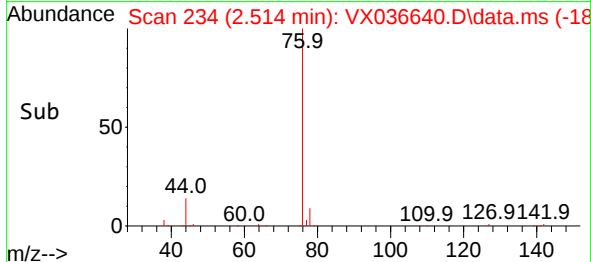
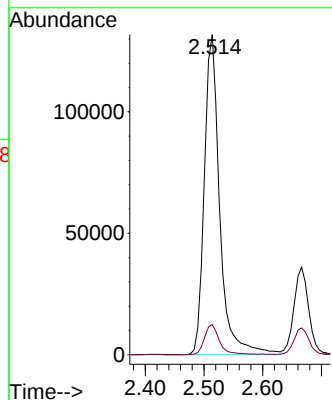
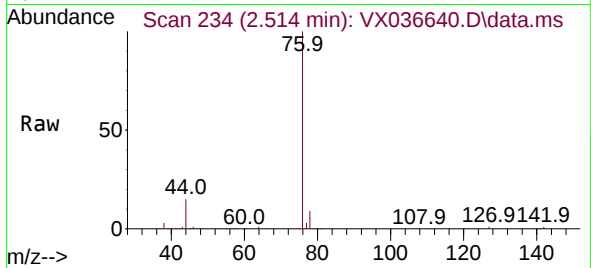
#17
Carbon Disulfide
Concen: 46.039 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 24014
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

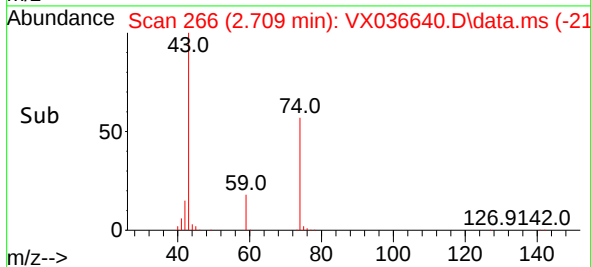
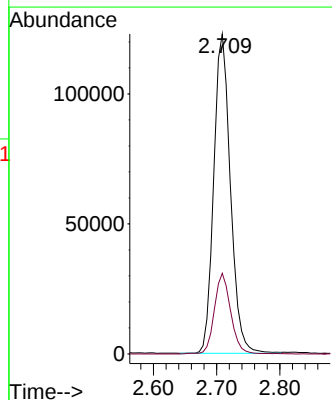
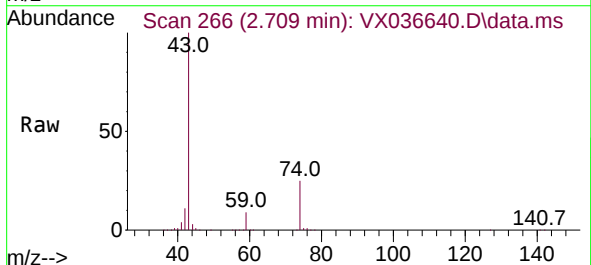
Manual Integrations
APPROVED

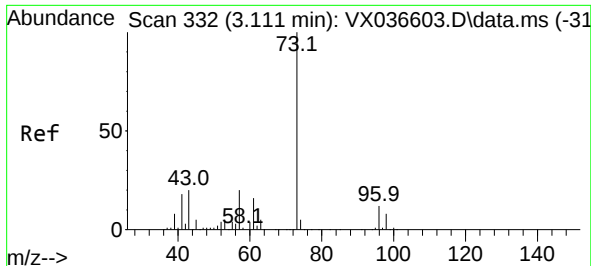
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 51.548 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion: 43 Resp: 224729
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





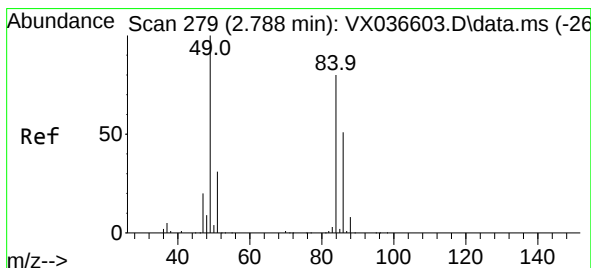
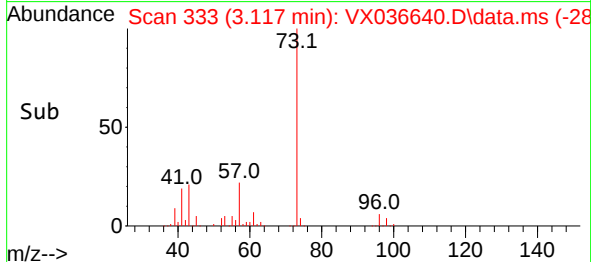
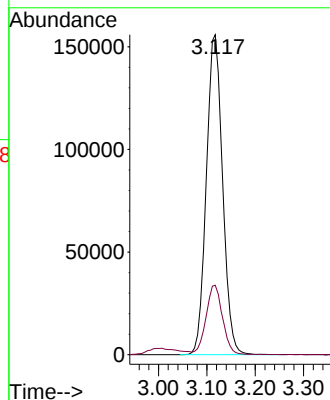
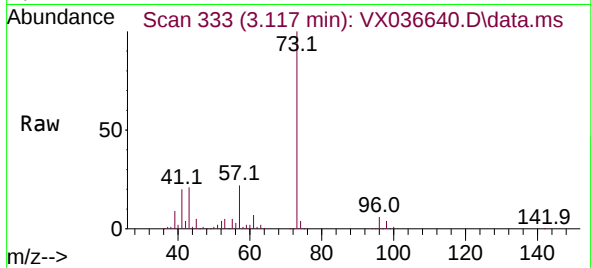
#19
Methyl tert-butyl Ether
Concen: 51.278 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 36418
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

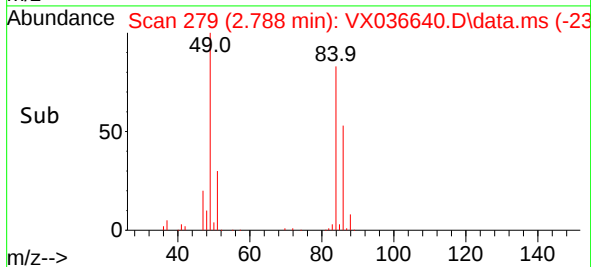
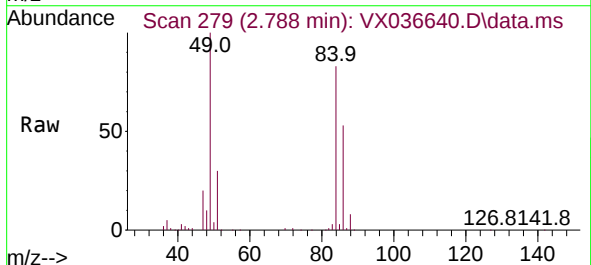
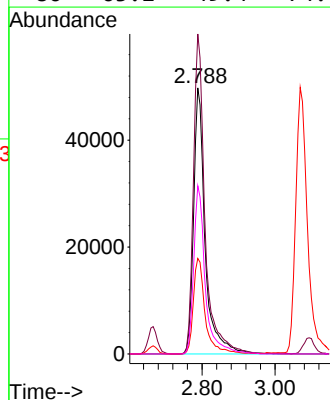
Manual Integrations
APPROVED

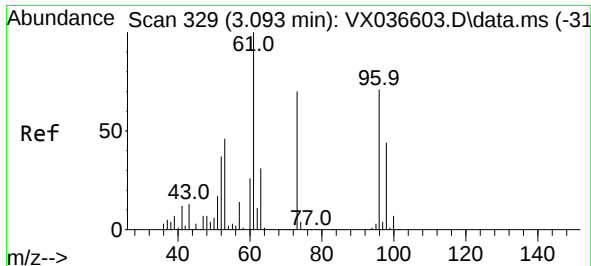
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 47.397 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

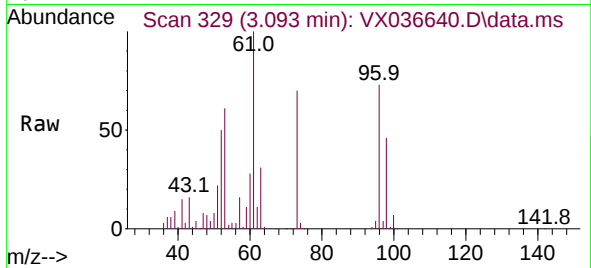
Tgt Ion: 84 Resp: 109239
Ion Ratio Lower Upper
84 100
49 120.3 103.6 155.4
51 35.9 33.8 50.6
86 63.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.768 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

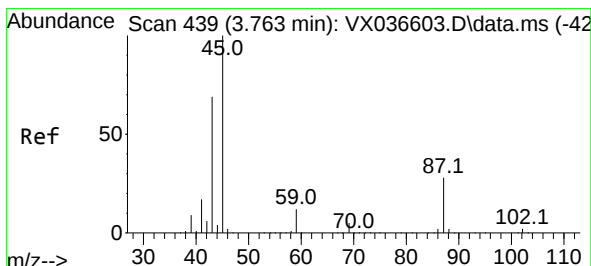
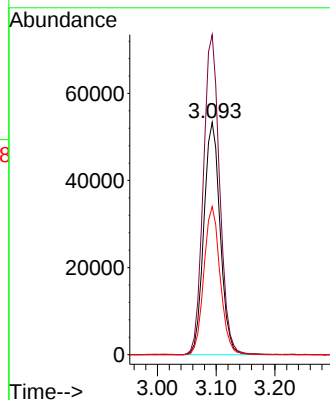
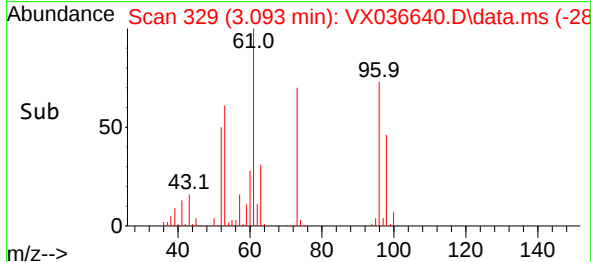
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



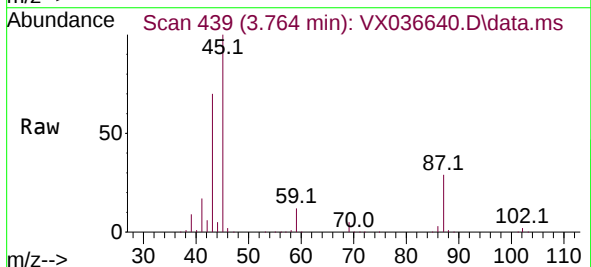
Tgt Ion: 96 Resp: 10301
Ion Ratio Lower Upper
96 100
61 137.8 119.2 178.8
98 63.8 48.7 73.1

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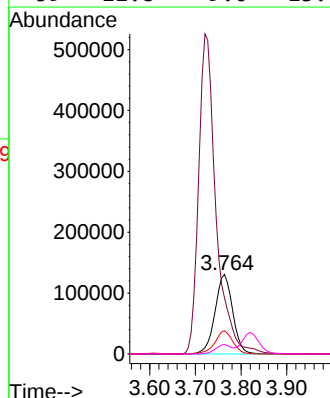
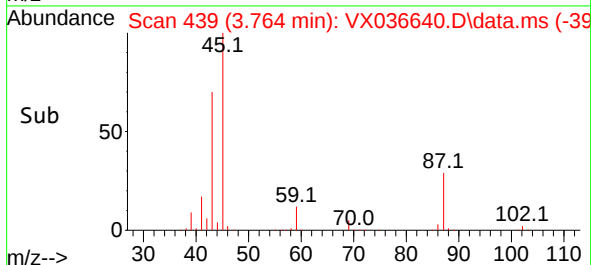
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

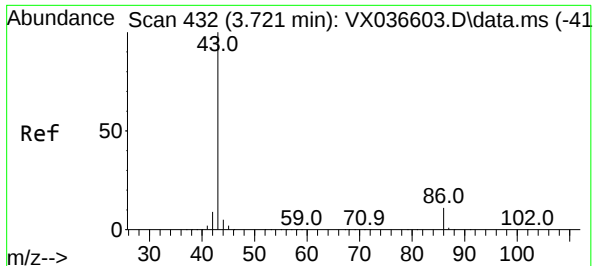


#22
Diisopropyl ether
Concen: 49.502 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



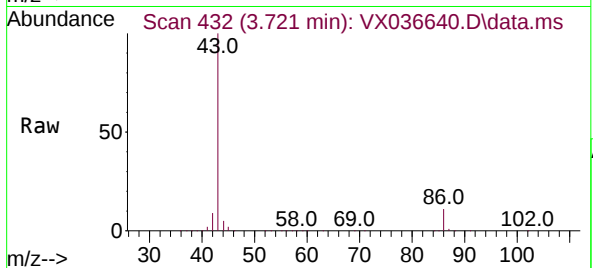
Tgt Ion: 45 Resp: 349789
Ion Ratio Lower Upper
45 100
43 70.3 69.7 104.5
87 29.3 20.8 31.2
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 256.387 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036640.D
 Acq: 24 Jul 2023 19:19

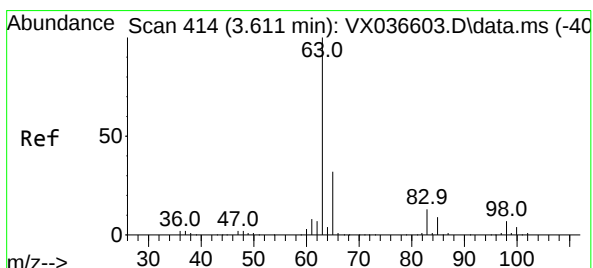
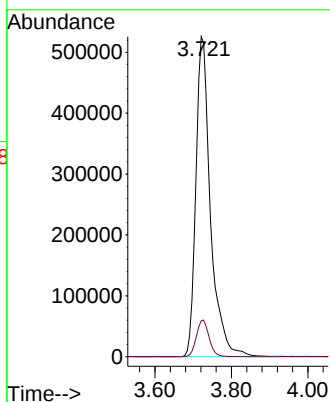
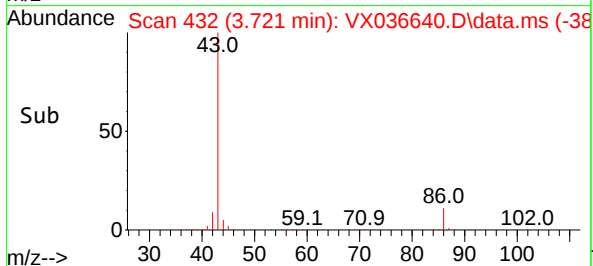
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



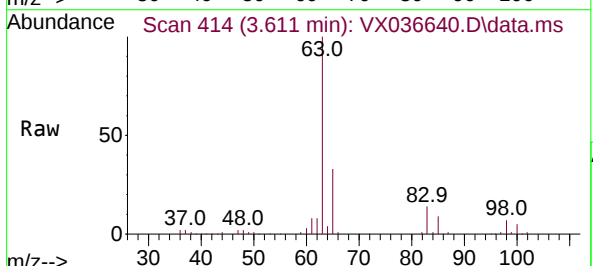
Tgt Ion: 43 Resp: 1389700
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8

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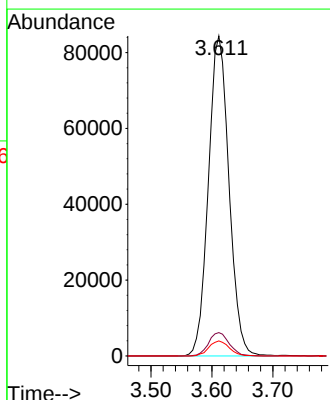
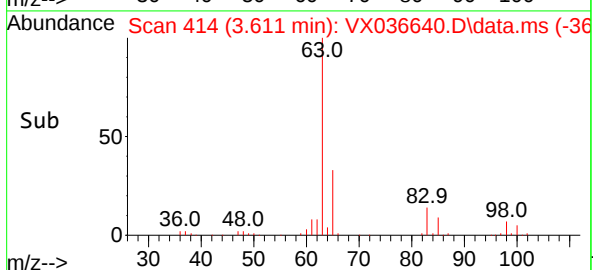
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023

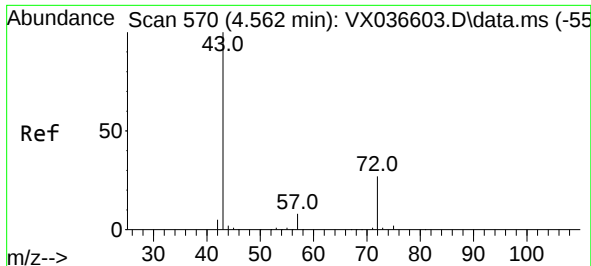


#24
 1,1-Dichloroethane
 Concen: 49.979 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036640.D
 Acq: 24 Jul 2023 19:19



Tgt Ion: 63 Resp: 198006
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.8
 100 4.7 2.1 6.5





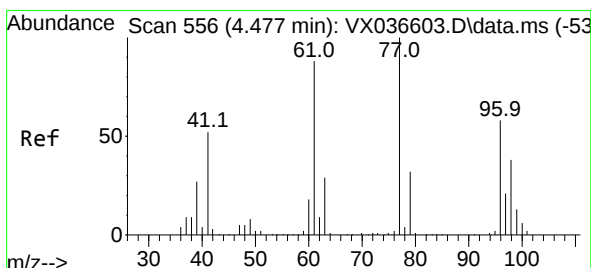
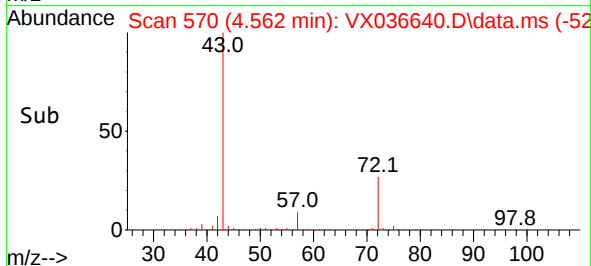
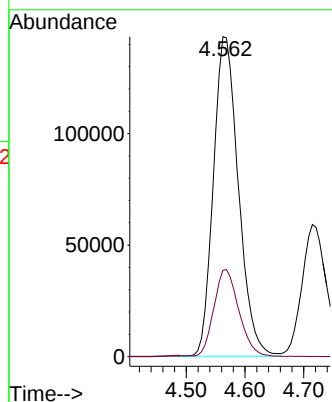
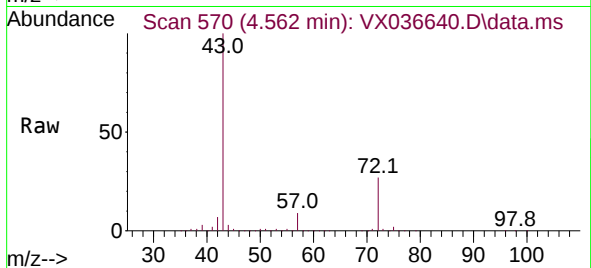
#25
2-Butanone
Concen: 252.135 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 423934
Ion Ratio Lower Upper
43 100
72 26.8 19.4 29.2

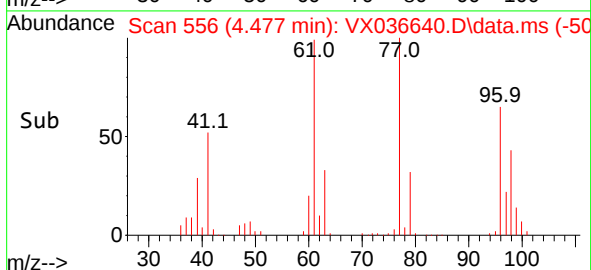
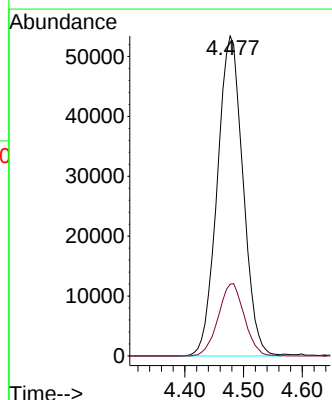
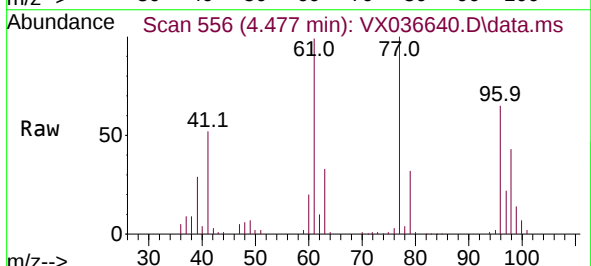
Manual Integrations
APPROVED

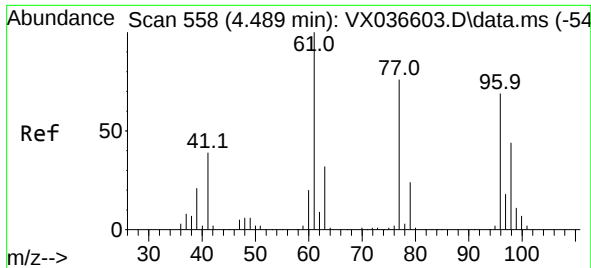
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 43.555 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion: 77 Resp: 162595
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.578 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 12438

Ion Ratio Lower Upper

96 100

61 144.1 0.0 312.2

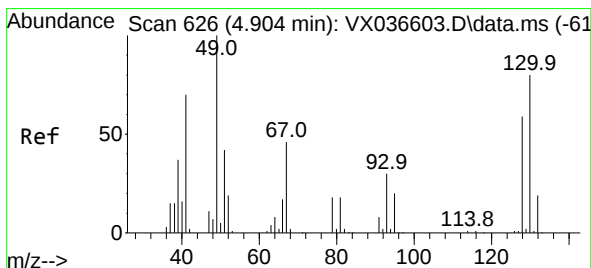
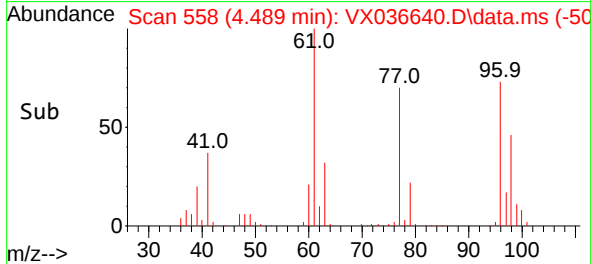
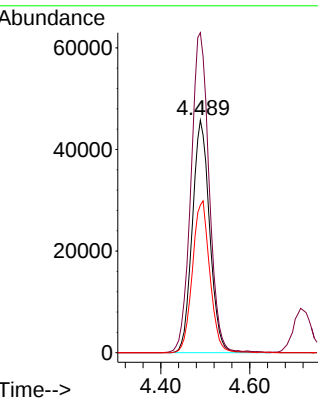
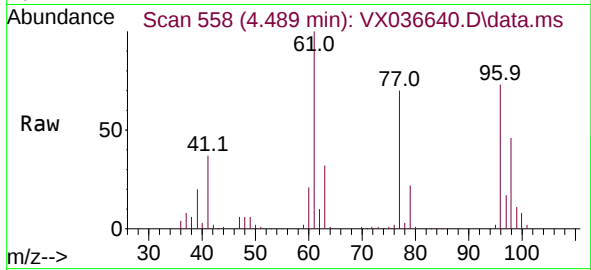
98 65.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 49.281 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

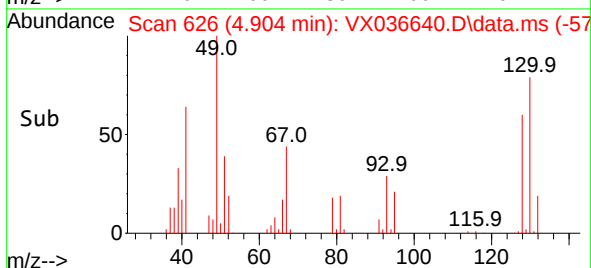
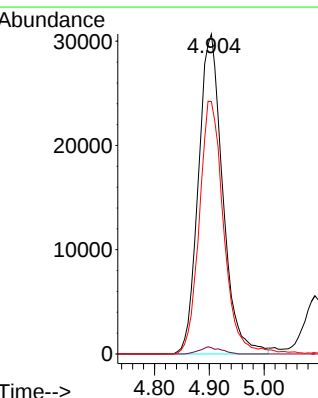
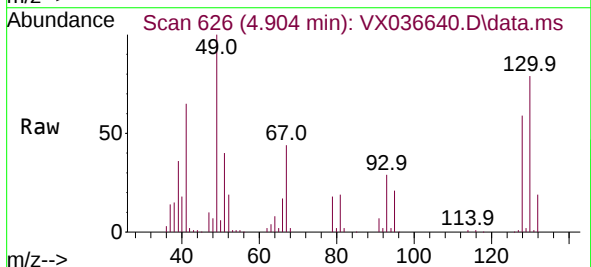
Tgt Ion: 49 Resp: 94425

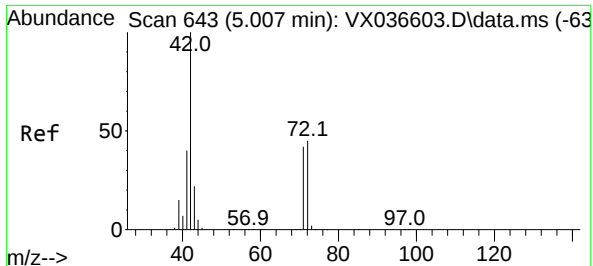
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 79.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 255.278 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 276725

Ion Ratio Lower Upper

42 100

72 47.3 34.2 51.4

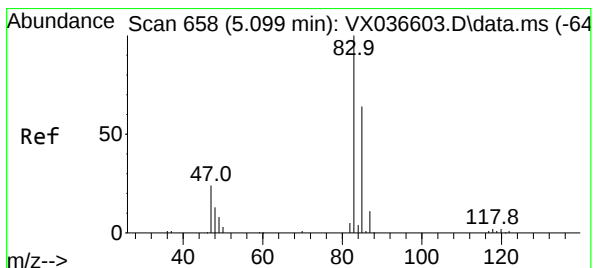
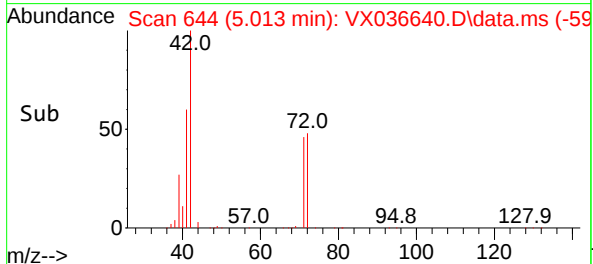
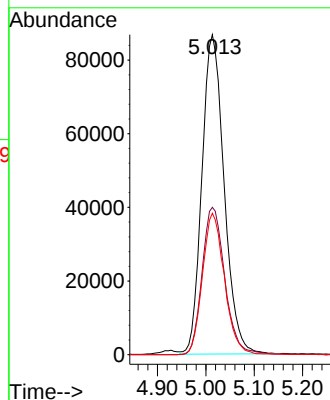
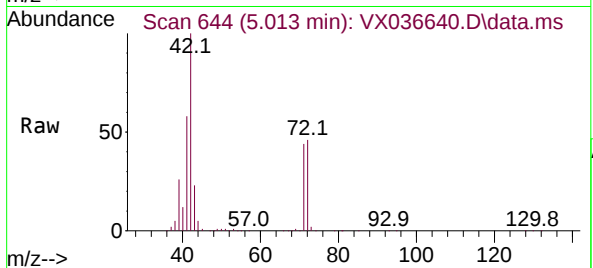
71 44.1 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 51.046 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036640.D

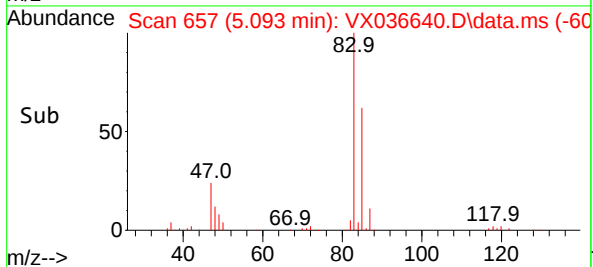
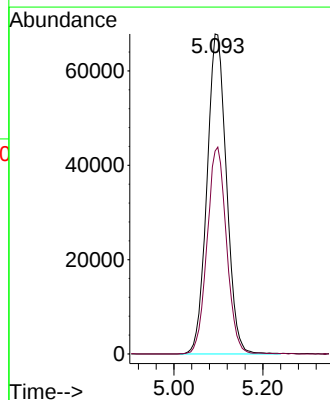
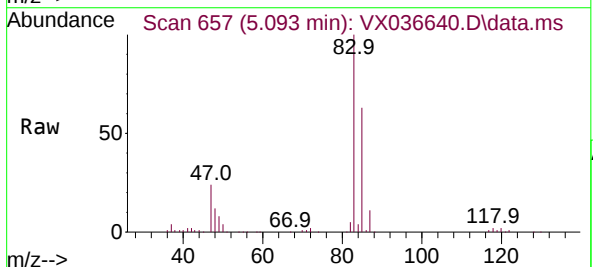
Acq: 24 Jul 2023 19:19

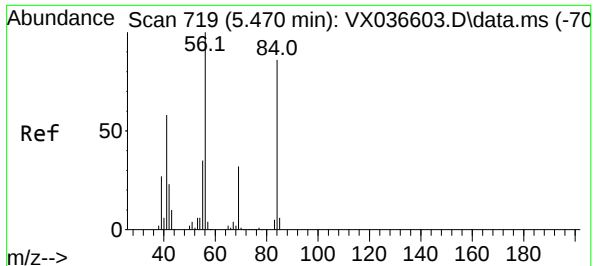
Tgt Ion: 83 Resp: 206900

Ion Ratio Lower Upper

83 100

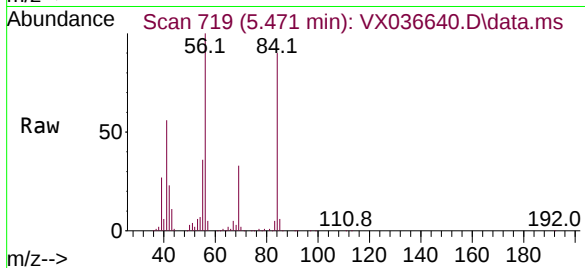
85 63.3 50.3 75.5





#31
Cyclohexane
Concen: 46.032 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

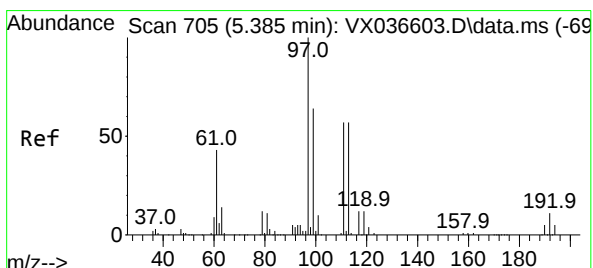
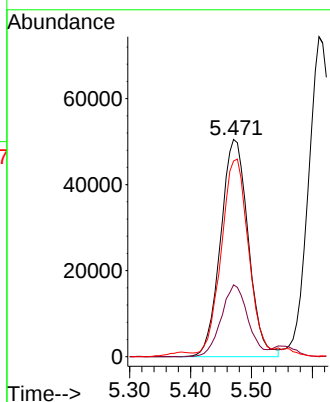
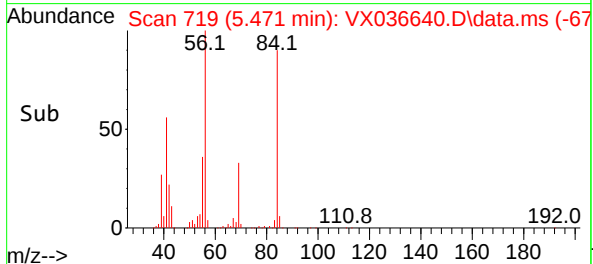
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



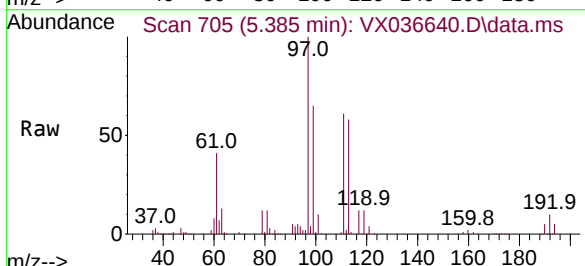
Tgt Ion: 56 Resp: 15917
Ion Ratio Lower Upper
56 100
69 33.0 23.4 35.2
84 88.1 65.9 98.9

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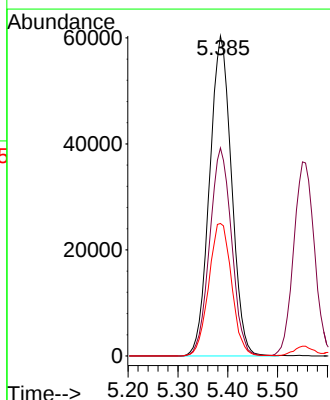
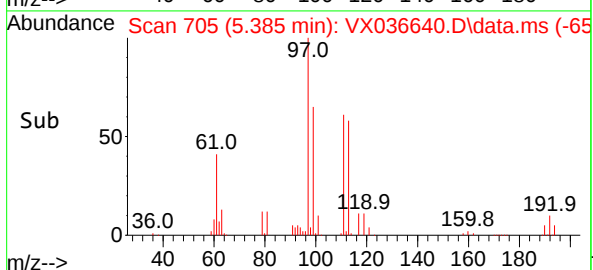
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

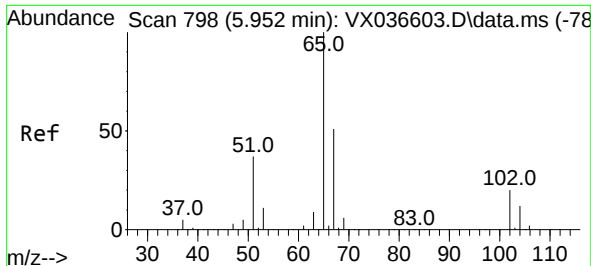


#32
1,1,1-Trichloroethane
Concen: 49.693 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion: 97 Resp: 184557
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 43.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.757 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12426

Ion Ratio Lower Upper

65 100

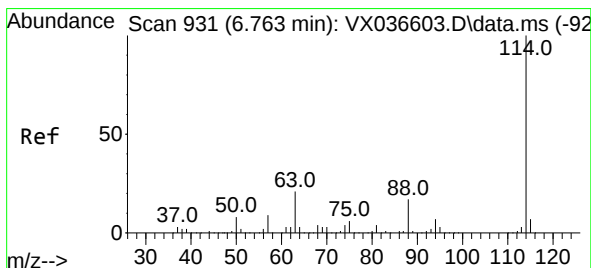
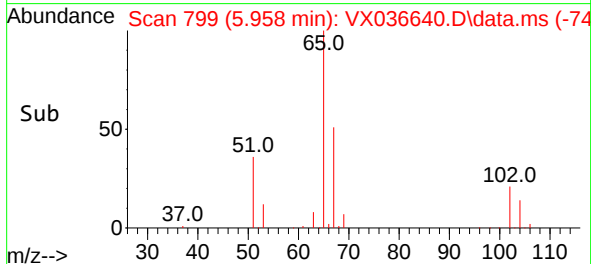
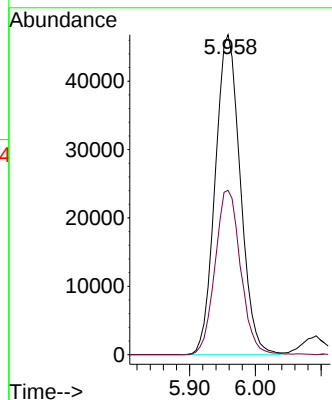
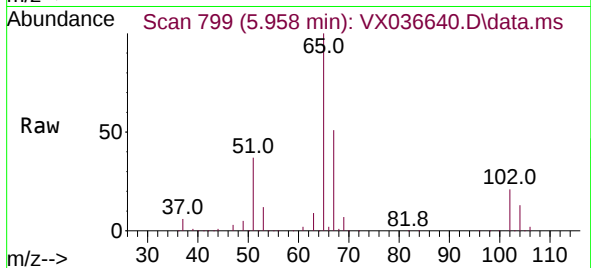
67 52.3 0.0 100.2

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: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

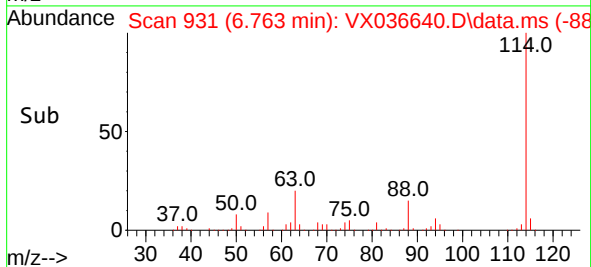
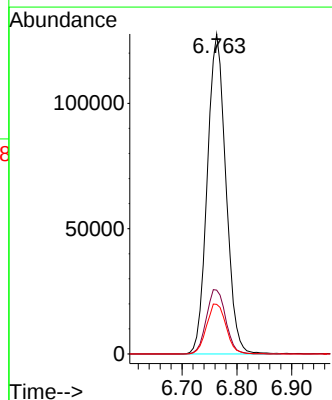
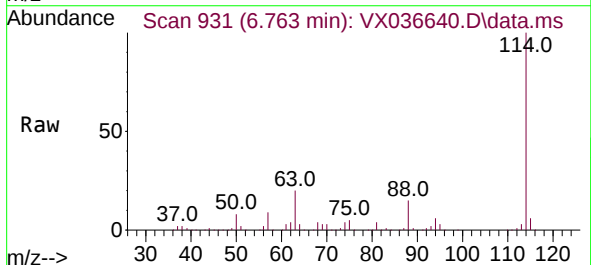
Tgt Ion:114 Resp: 299813

Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

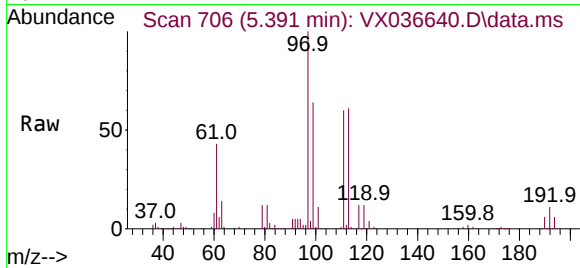
88 15.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.430 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

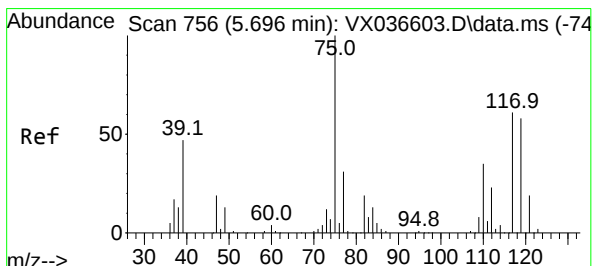
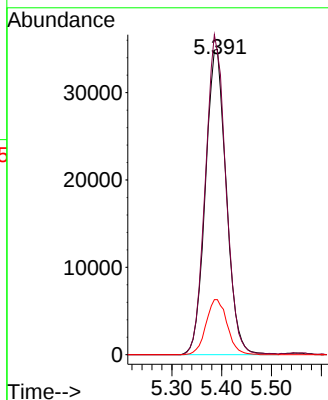
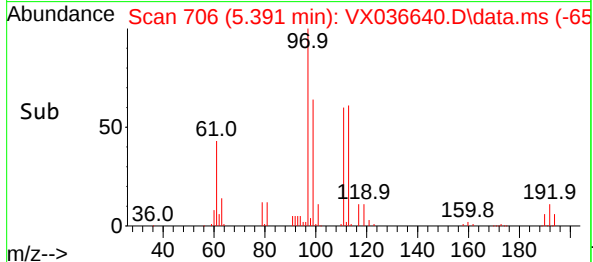
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 101862
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.2 13.3 19.9

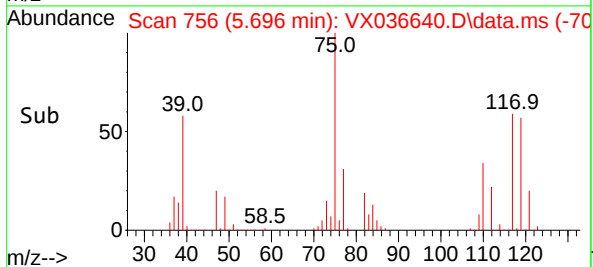
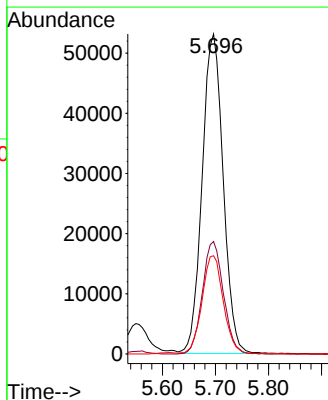
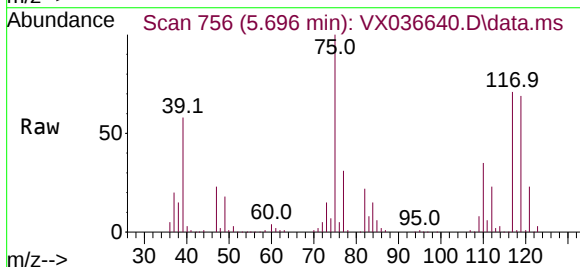
Manual Integrations
APPROVED

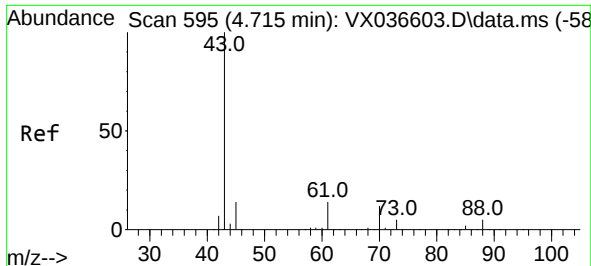
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#36
1,1-Dichloropropene
Concen: 47.673 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion: 75 Resp: 146429
Ion Ratio Lower Upper
75 100
110 35.1 17.0 50.9
77 30.9 24.7 37.1





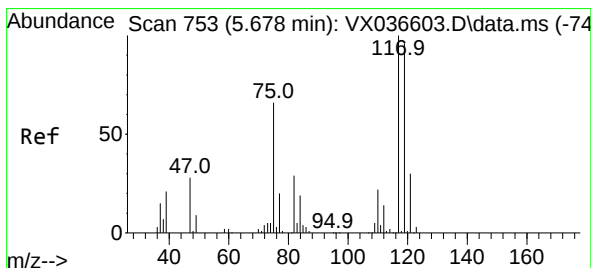
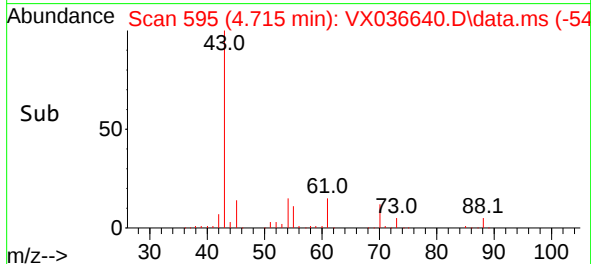
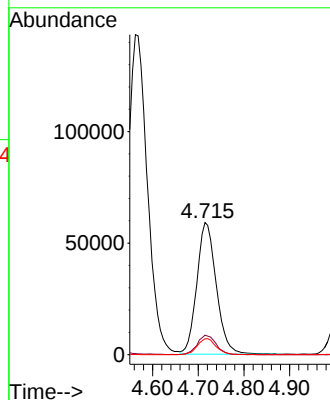
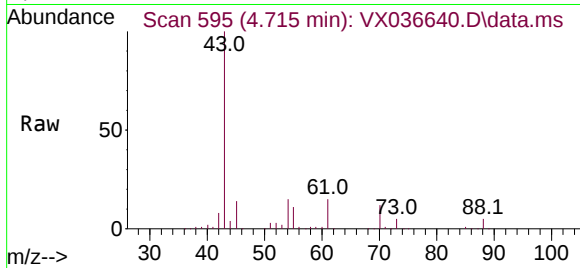
#37
Ethyl Acetate
Concen: 50.205 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 17453
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 11.8 8.3 12.5

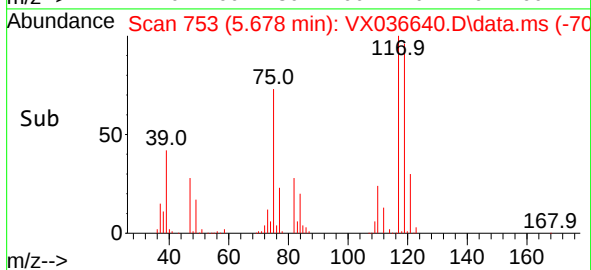
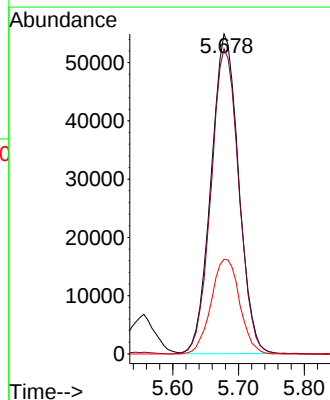
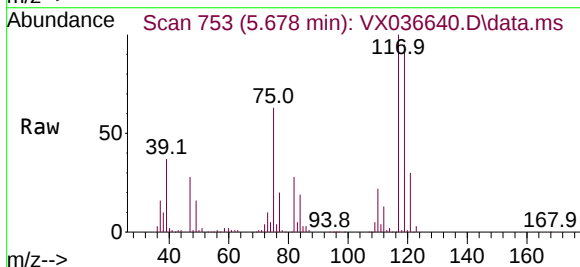
Manual Integrations
APPROVED

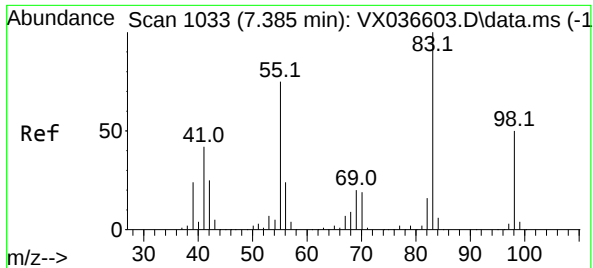
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 49.039 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion:117 Resp: 160134
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.2
121 29.6 24.4 36.6





#39

Methylcyclohexane

Concen: 44.796 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17109

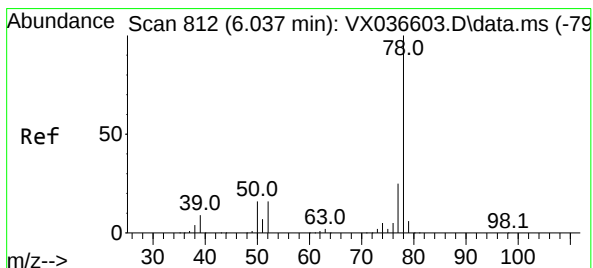
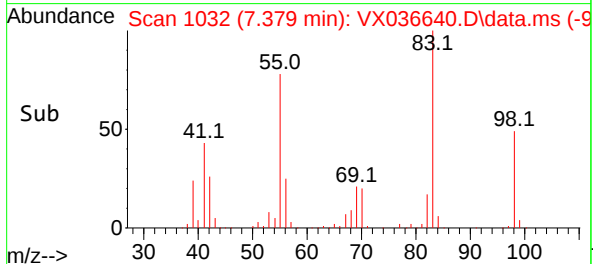
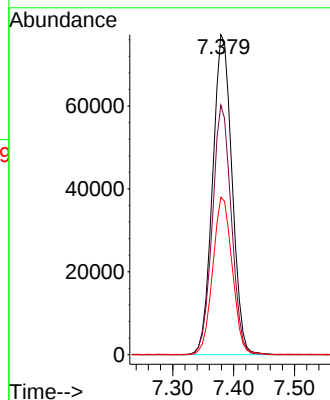
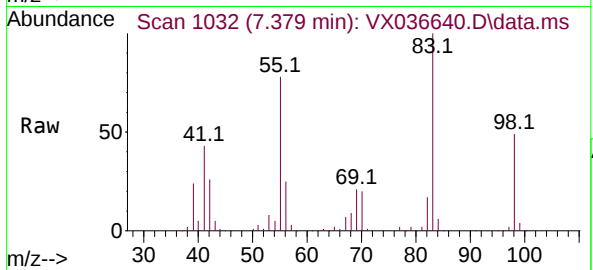
Ion	Ratio	Lower	Upper
83	100		
55	77.9	64.6	97.0
98	49.2	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 48.283 ug/l

RT: 6.038 min Scan# 812

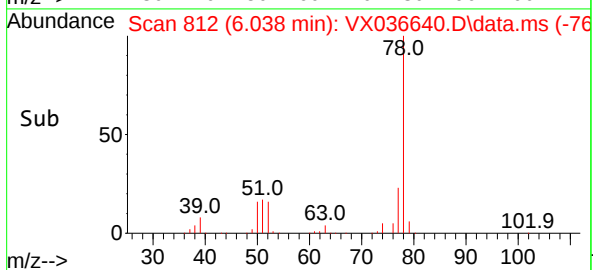
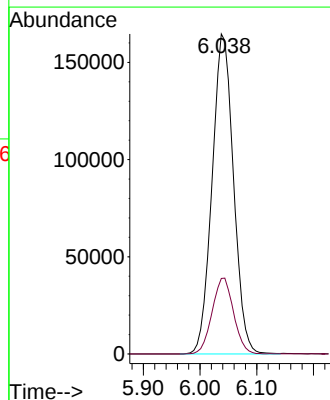
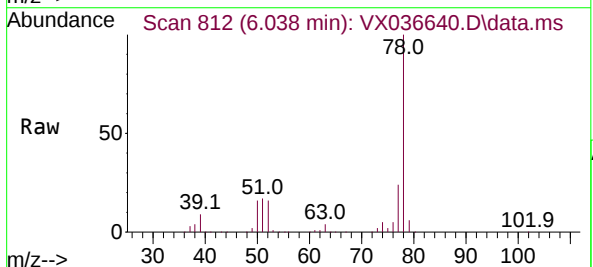
Delta R.T. 0.000 min

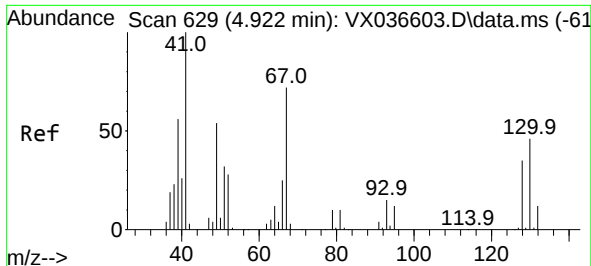
Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Tgt Ion: 78 Resp: 431476

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





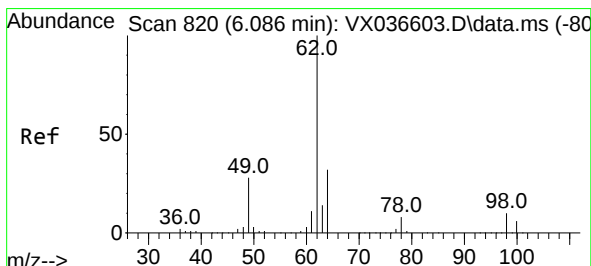
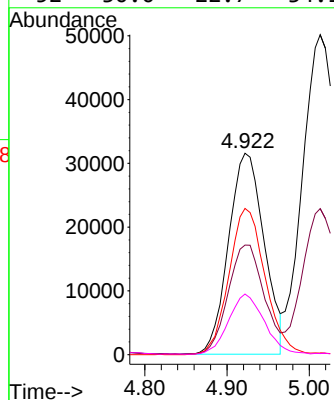
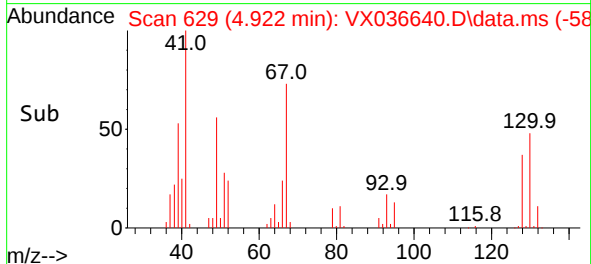
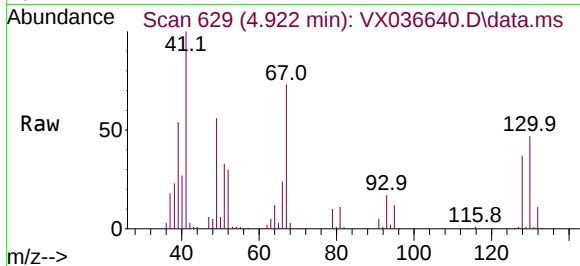
#41
Methacrylonitrile
Concen: 50.938 ug/l
RT: 4.922 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 9471
Ion Ratio	Lower Upper
41 100	
39 54.7	45.2 67.8
67 74.5	52.6 78.8
52 30.0	22.7 34.1

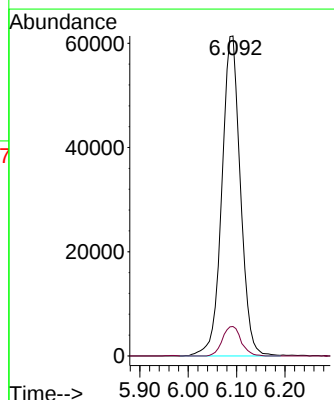
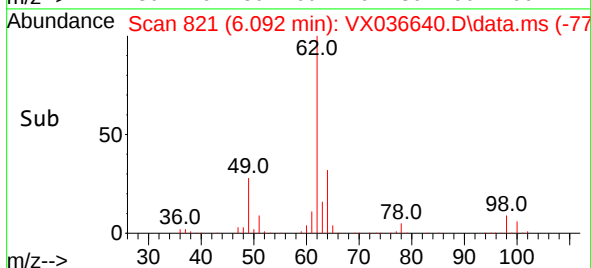
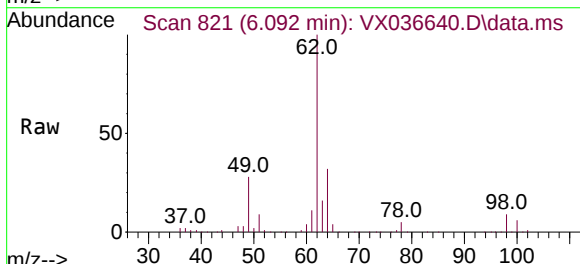
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

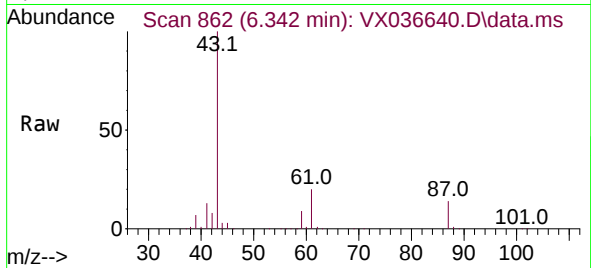
Tgt Ion: 62	Resp: 163688
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 16.0





#43
Isopropyl Acetate
Concen: 49.008 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

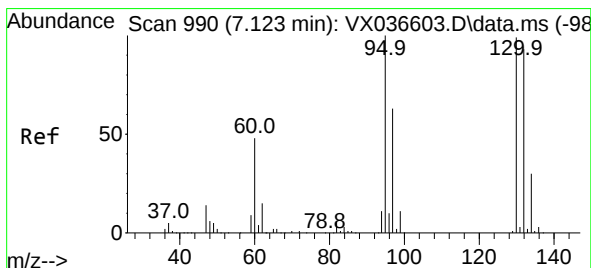
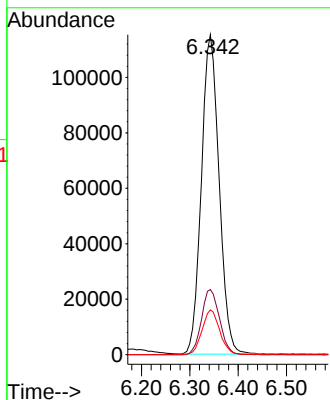
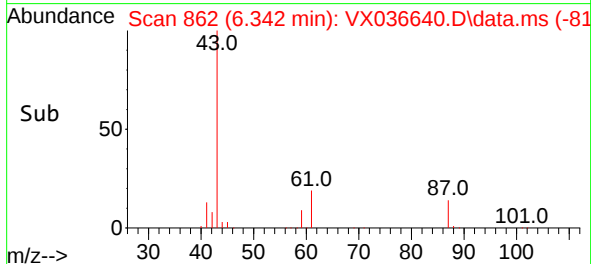
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



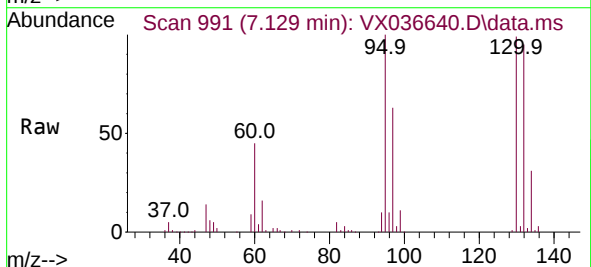
Tgt Ion: 43 Resp: 293279
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.0 9.8 14.6

Manual Integrations
APPROVED

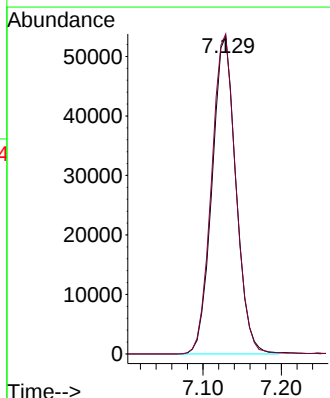
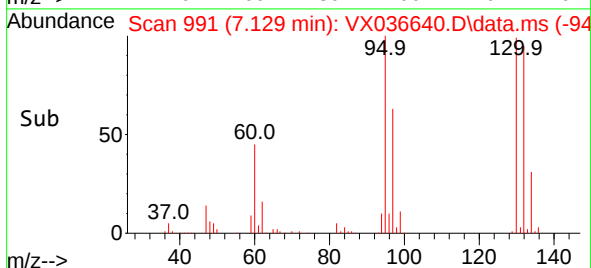
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 48.394 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion:130 Resp: 113043
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.338 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11533

Ion Ratio Lower Upper

63 100

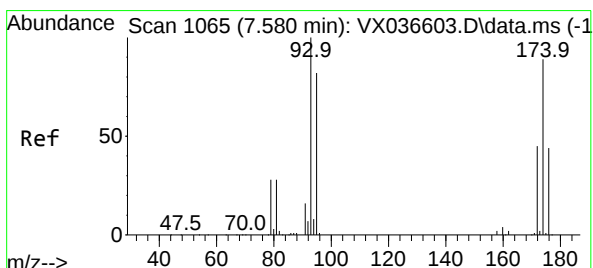
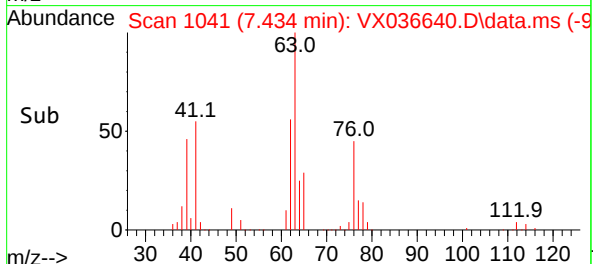
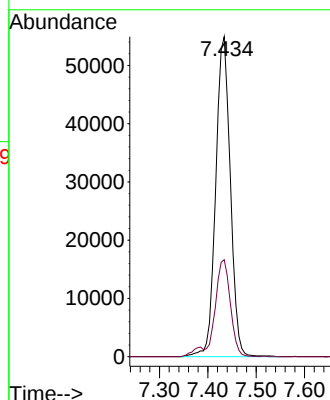
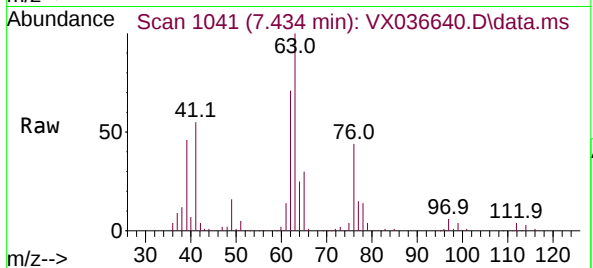
65 30.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 49.860 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

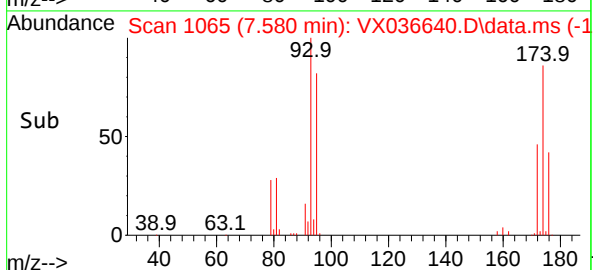
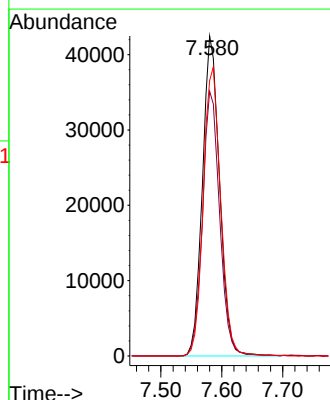
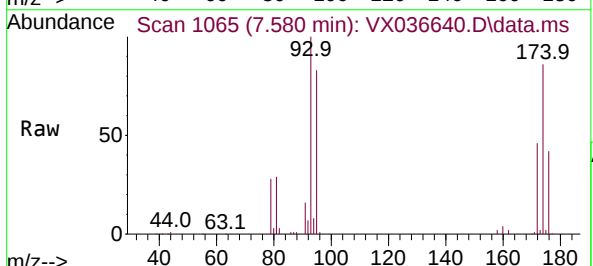
Tgt Ion: 93 Resp: 83259

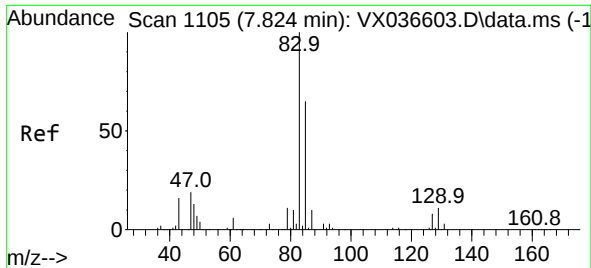
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

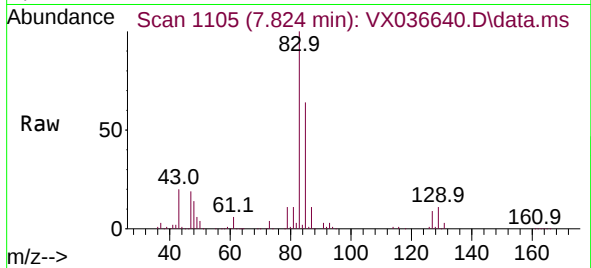
174 91.7 69.4 104.0





#47
Bromodichloromethane
Concen: 49.549 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

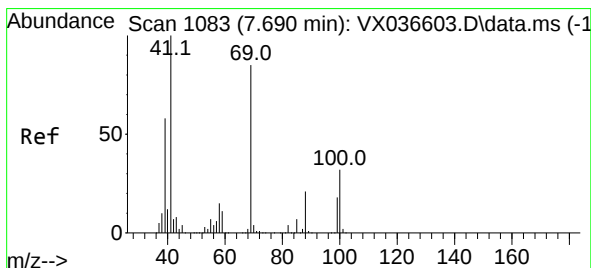
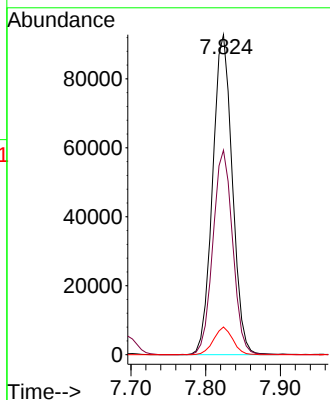
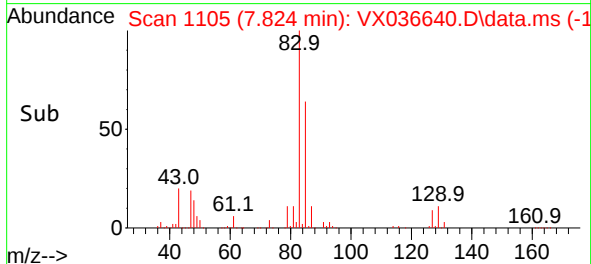
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



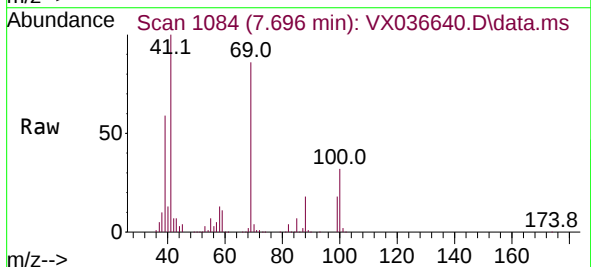
Tgt Ion: 83 Resp: 169830
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.6 7.1 10.7

Manual Integrations
APPROVED

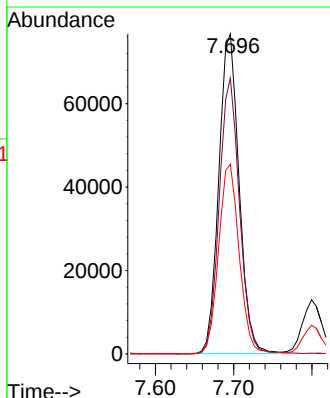
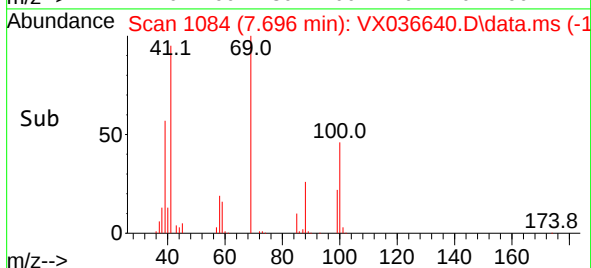
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

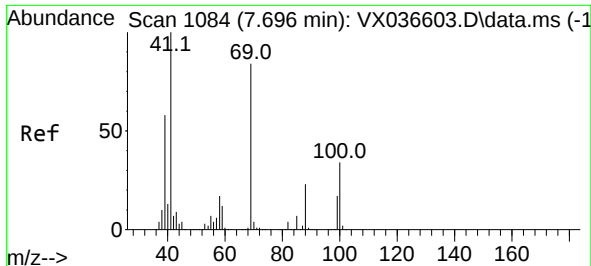


#48
Methyl methacrylate
Concen: 49.613 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion: 41 Resp: 138077
Ion Ratio Lower Upper
41 100
69 86.3 59.2 88.8
39 60.5 47.7 71.5





#49

1,4-Dioxane

Concen: 1059.826 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

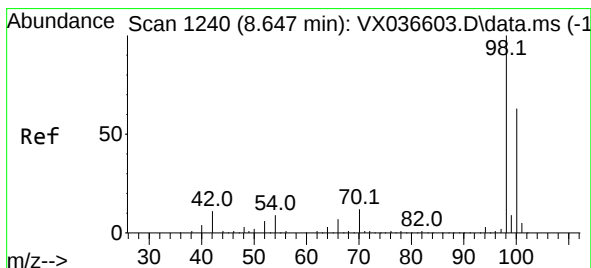
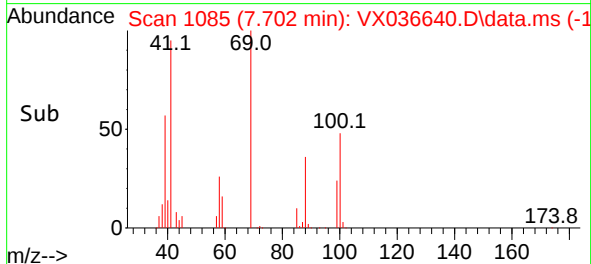
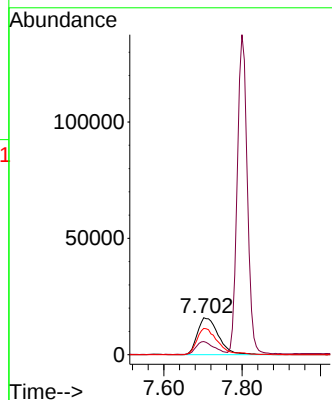
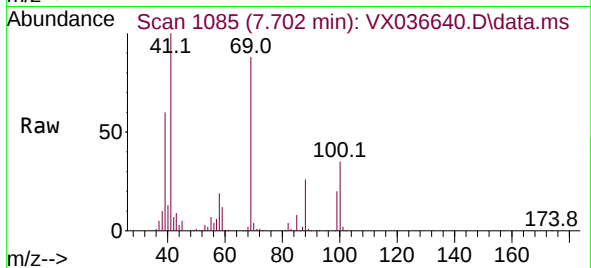
Tgt Ion: 88 Resp: 59580
 Ion Ratio Lower Upper
 88 100
 43 30.3 0.0 0.0
 58 67.6 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 49.615 ug/l

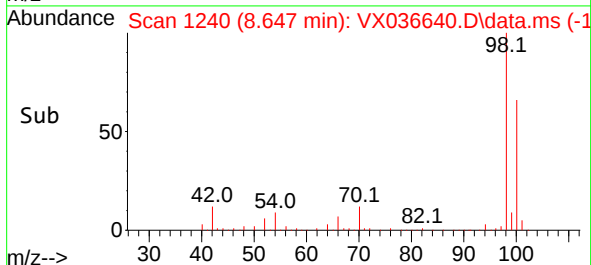
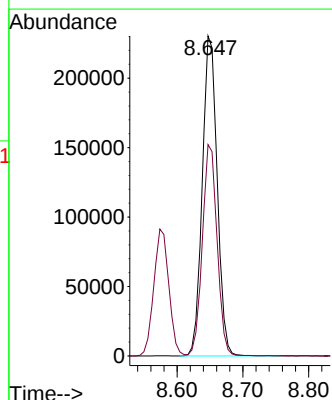
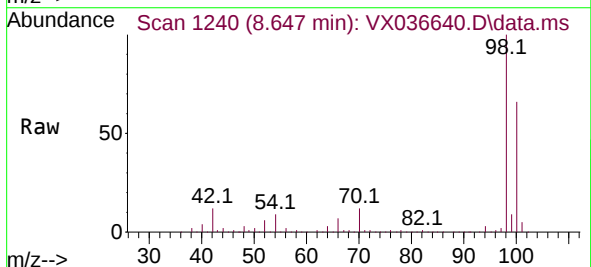
RT: 8.647 min Scan# 1240

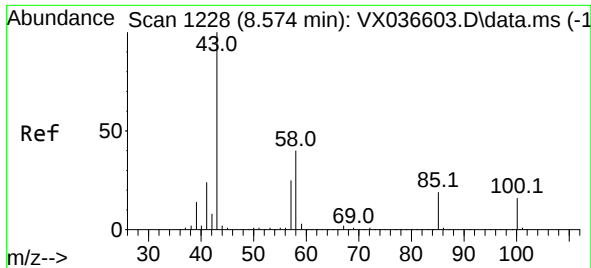
Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Tgt Ion: 98 Resp: 362577
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





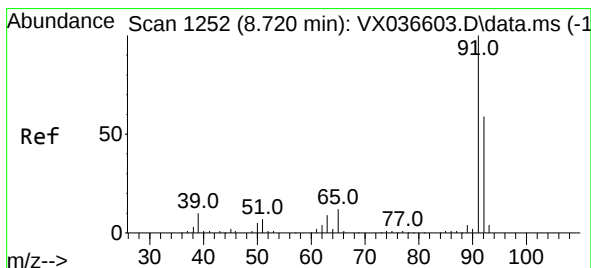
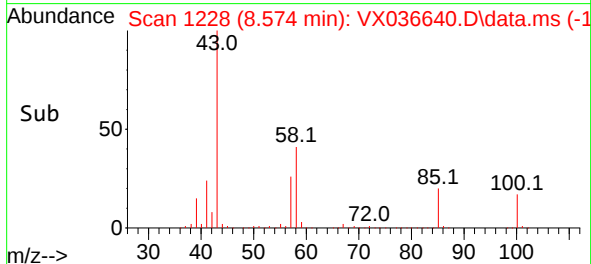
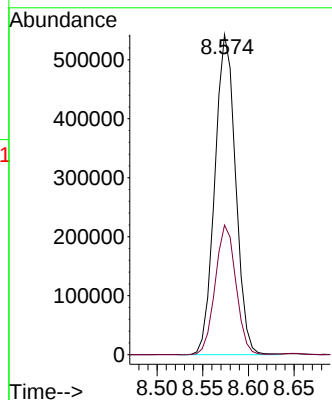
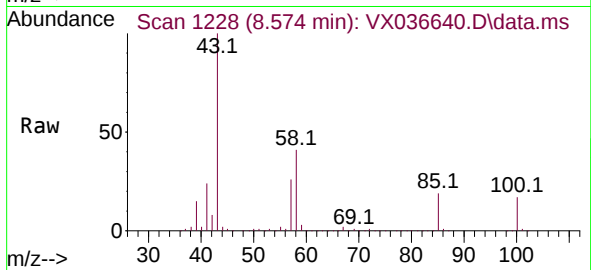
#51
4-Methyl-2-Pentanone
Concen: 258.640 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 85653
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6

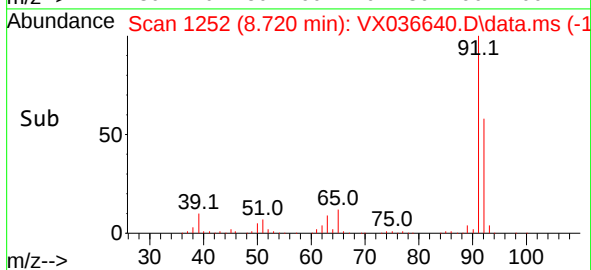
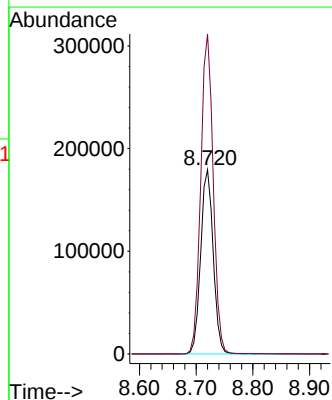
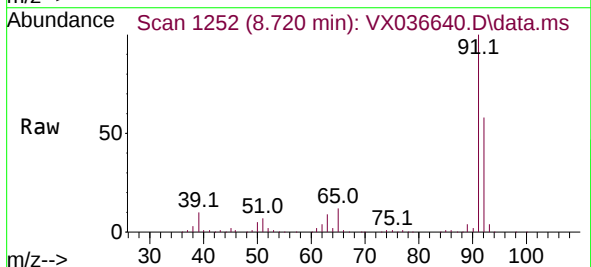
Manual Integrations
APPROVED

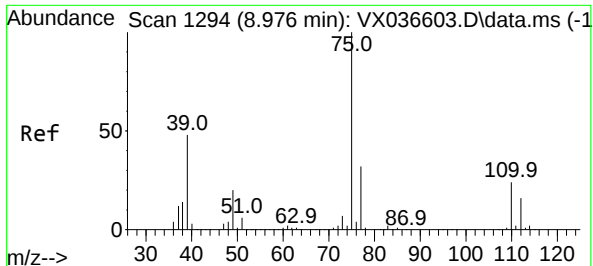
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 49.030 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion: 92 Resp: 274545
Ion Ratio Lower Upper
92 100
91 172.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.370 ug/l

RT: 8.976 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 191260

Ion Ratio Lower Upper

75 100

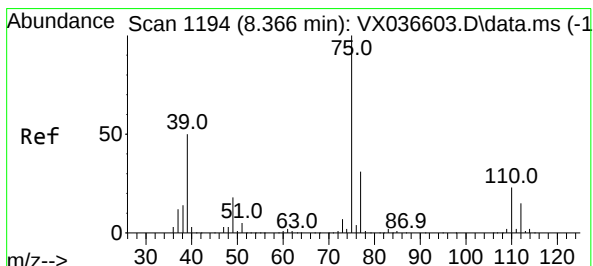
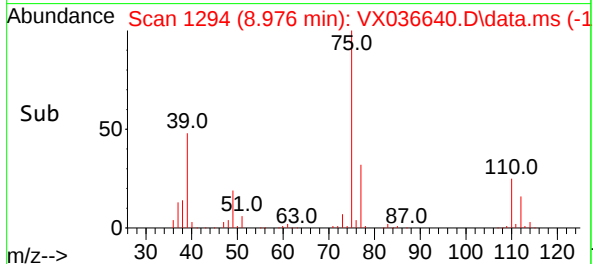
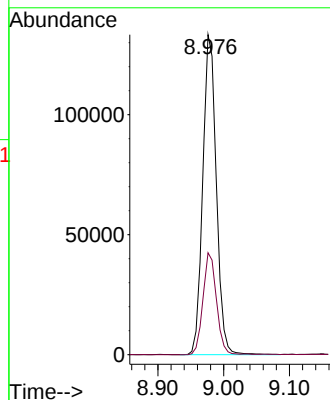
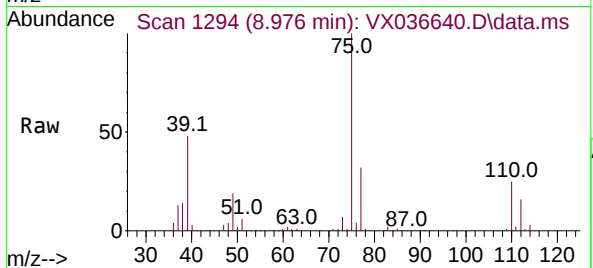
77 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#54

cis-1,3-Dichloropropene

Concen: 48.503 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

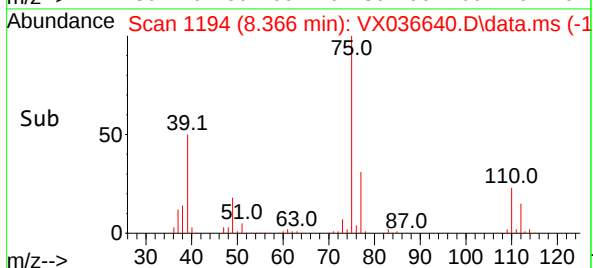
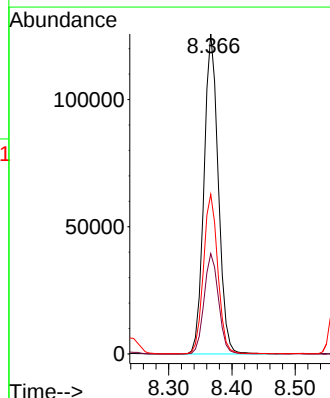
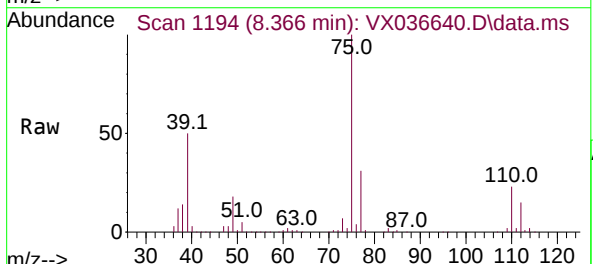
Tgt Ion: 75 Resp: 198277

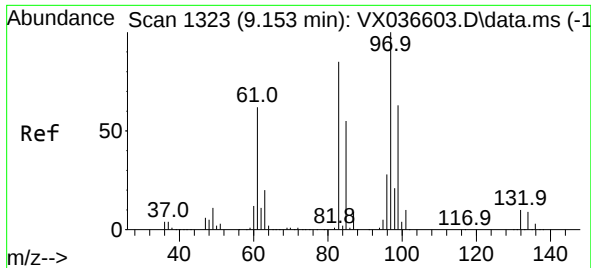
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

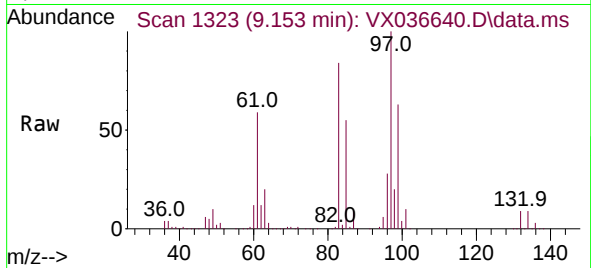
39 49.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.325 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

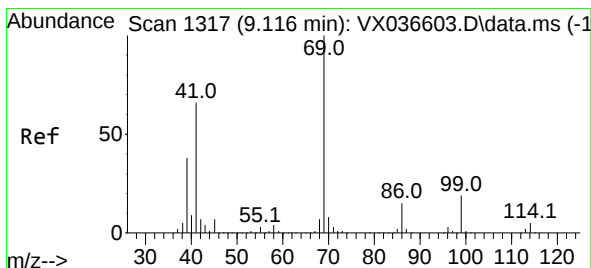
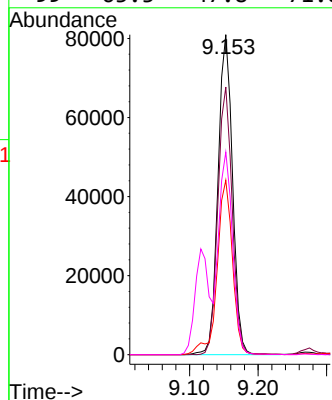
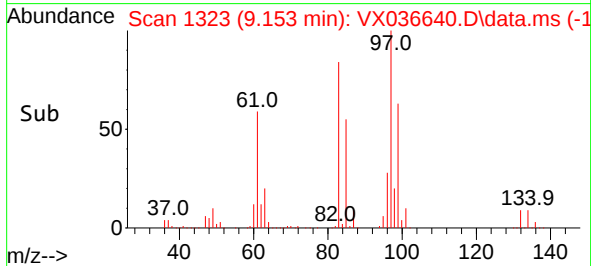
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



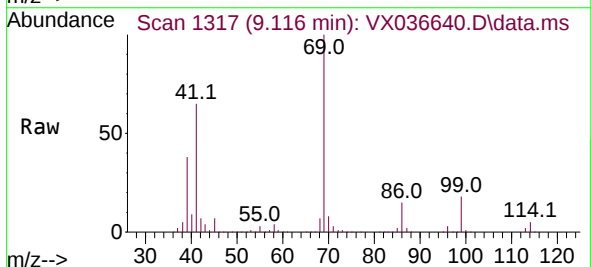
Tgt Ion: 97 Resp: 118454
Ion Ratio Lower Upper
97 100
83 83.7 65.8 98.8
85 54.5 41.6 62.4
99 63.3 47.8 71.8

Manual Integrations
APPROVED

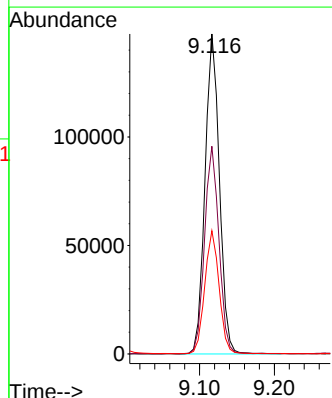
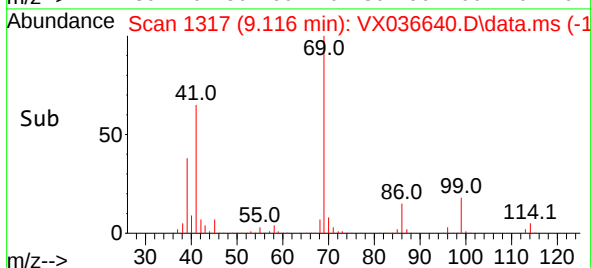
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

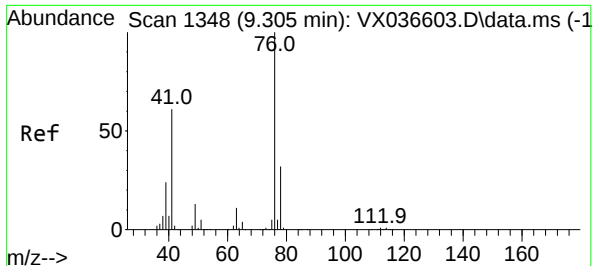


#56
Ethyl methacrylate
Concen: 51.508 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion: 69 Resp: 197420
Ion Ratio Lower Upper
69 100
41 64.9 56.8 85.2
39 38.4 32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.987 ug/l

RT: 9.311 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 199890

Ion Ratio Lower Upper

76 100

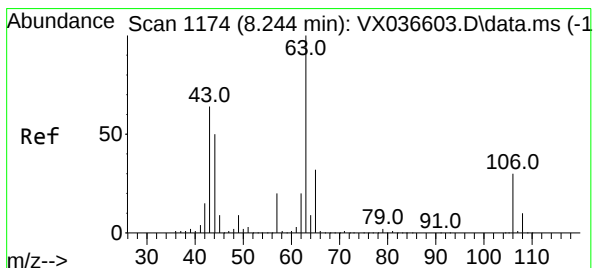
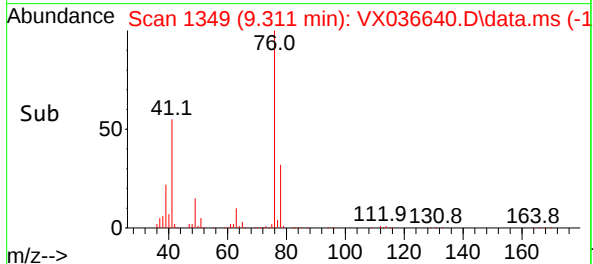
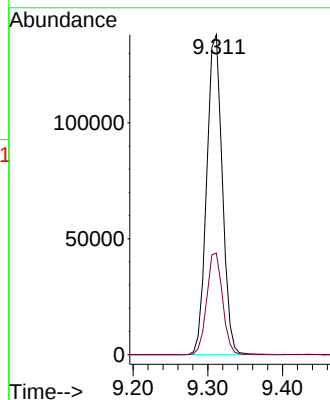
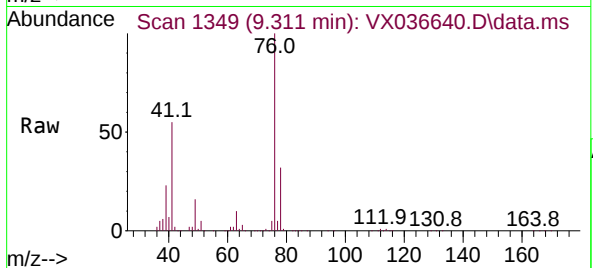
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 230.699 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036640.D

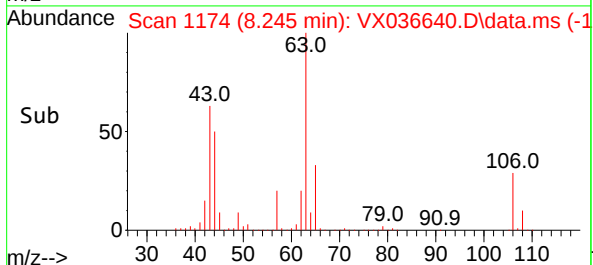
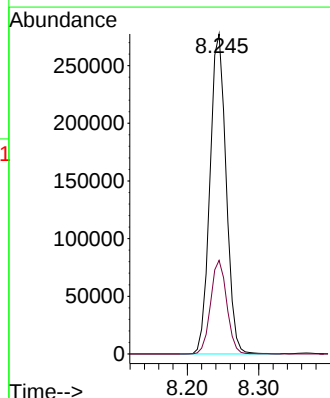
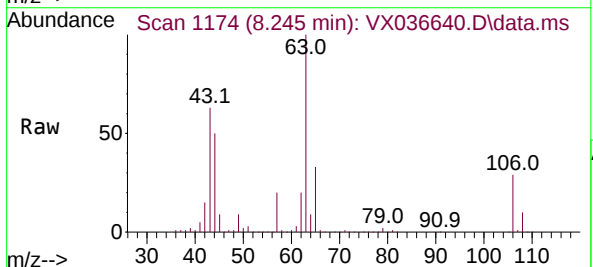
Acq: 24 Jul 2023 19:19

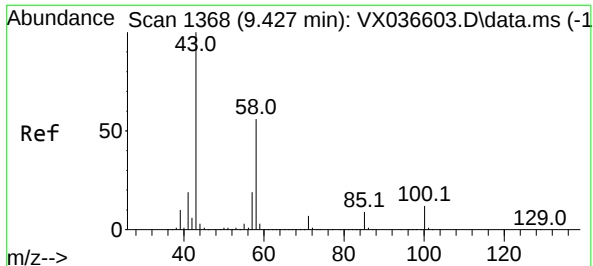
Tgt Ion: 63 Resp: 435684

Ion Ratio Lower Upper

63 100

106 29.2 22.5 33.7





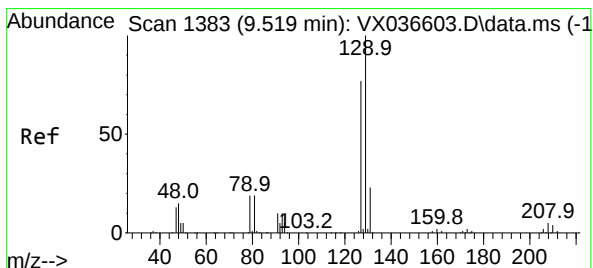
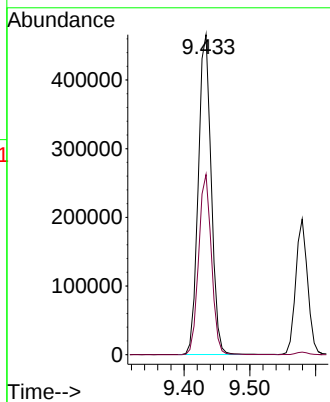
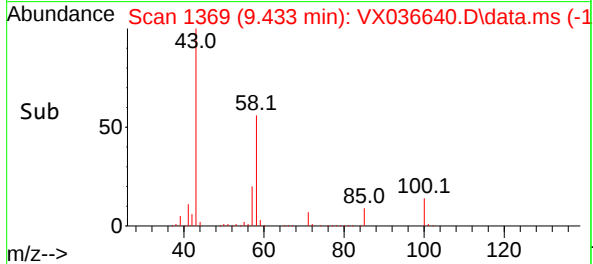
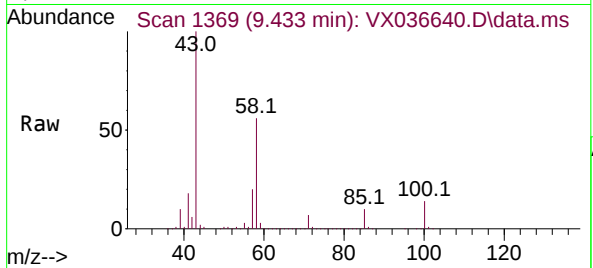
#59
2-Hexanone
Concen: 259.120 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 636872
Ion Ratio Lower Upper
43 100
58 55.7 26.2 78.5

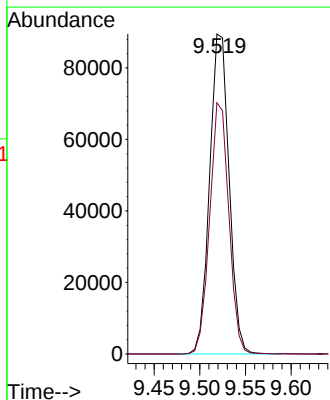
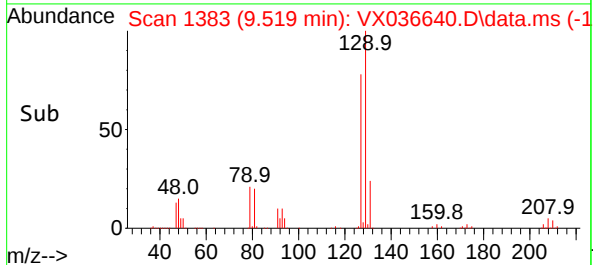
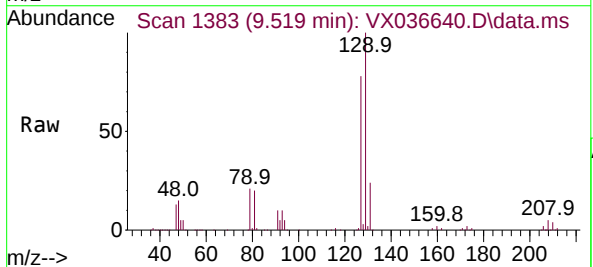
Manual Integrations
APPROVED

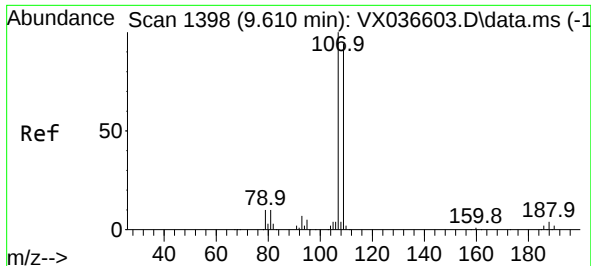
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#60
Dibromochloromethane
Concen: 51.224 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

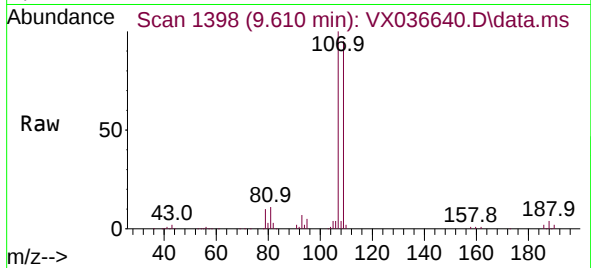
Tgt Ion:129 Resp: 132521
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.567 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

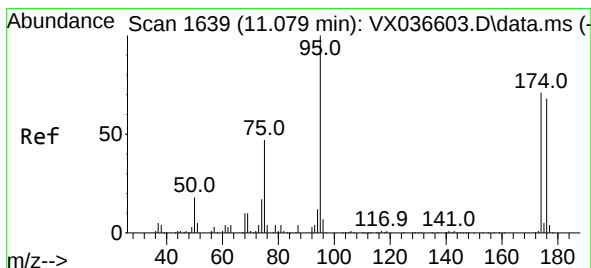
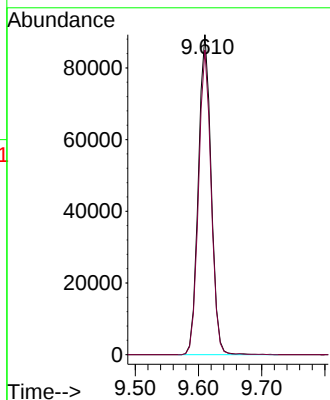
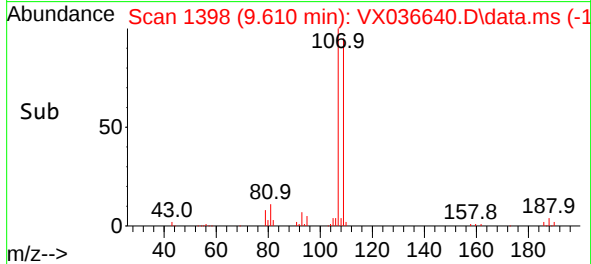
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



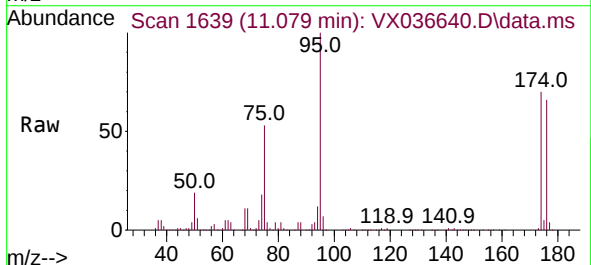
Tgt Ion:107 Resp: 12579
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8

Manual Integrations
APPROVED

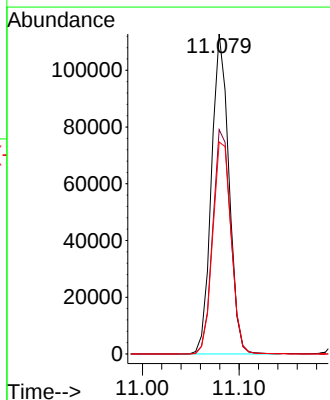
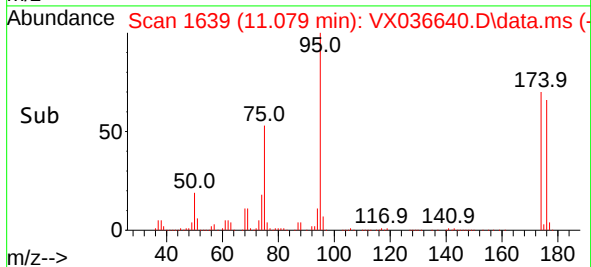
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

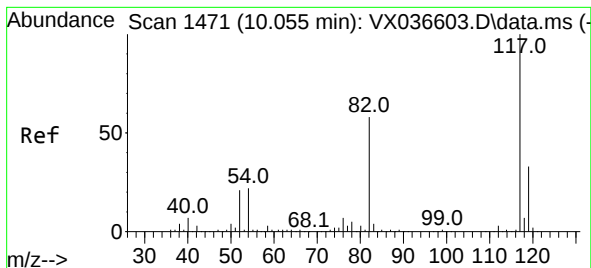


#62
4-Bromofluorobenzene
Concen: 51.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



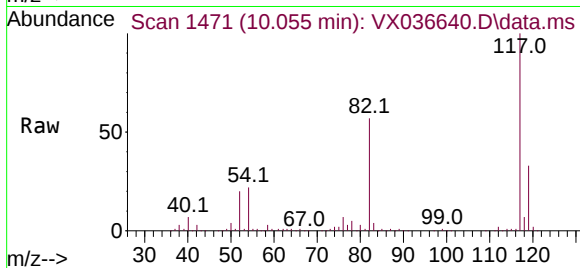
Tgt Ion: 95 Resp: 141428
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

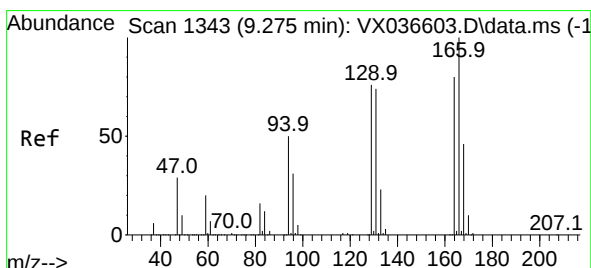
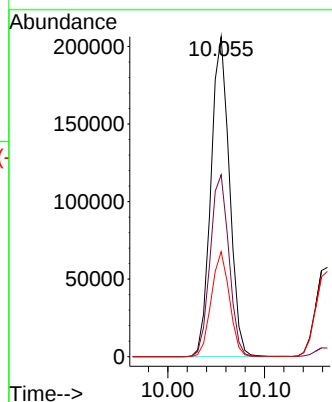
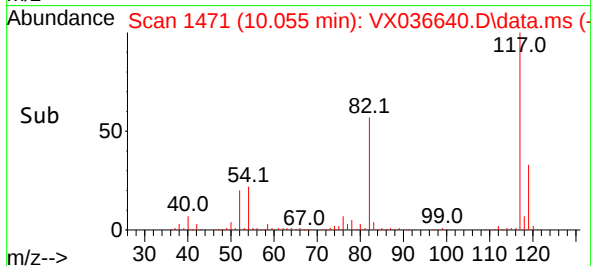
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 274329
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.8 25.5 38.3

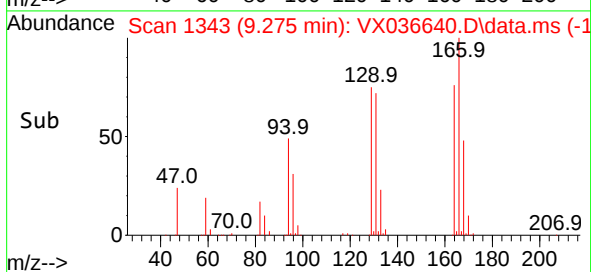
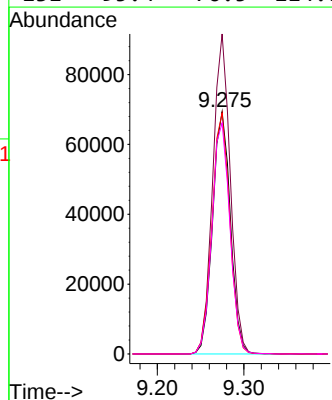
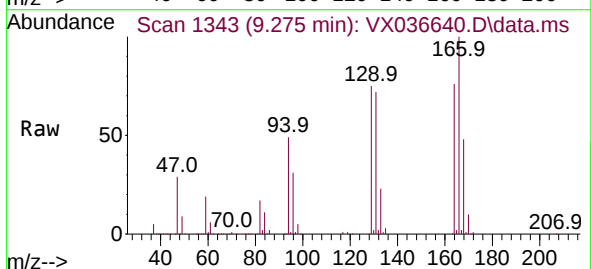
Manual Integrations
APPROVED

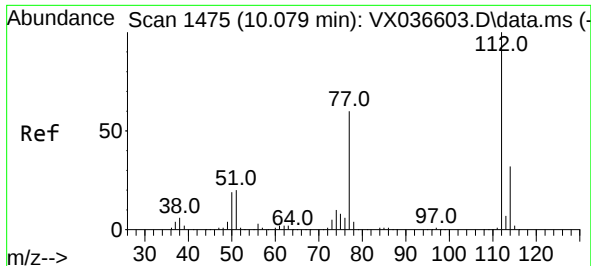
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 48.501 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion:164 Resp: 99241
Ion Ratio Lower Upper
164 100
166 132.1 102.7 154.1
129 99.5 80.4 120.6
131 95.4 76.5 114.7





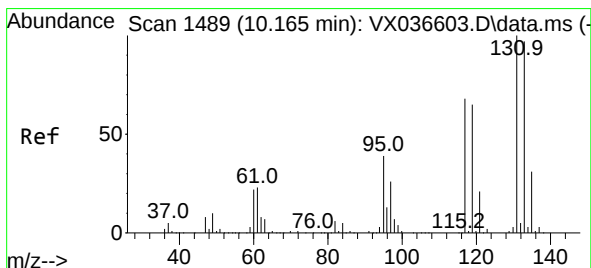
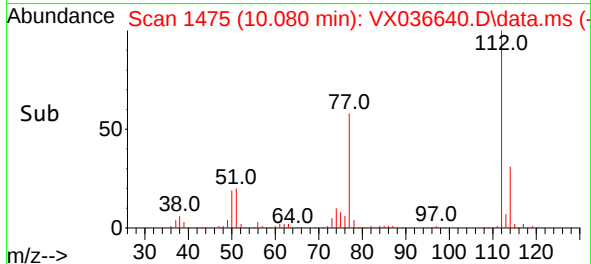
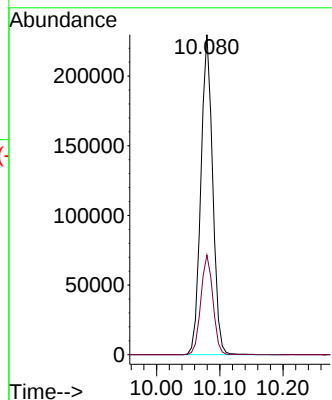
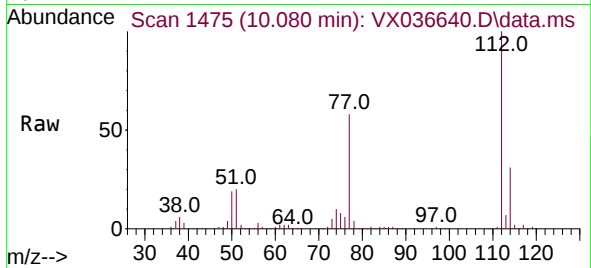
#65
Chlorobenzene
Concen: 49.367 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 29852
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

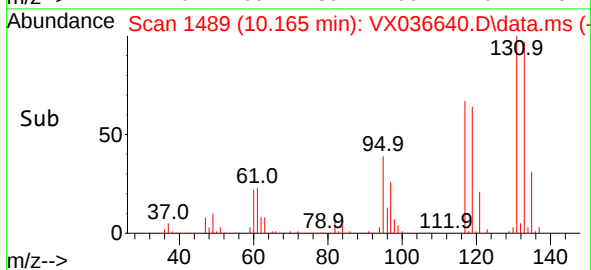
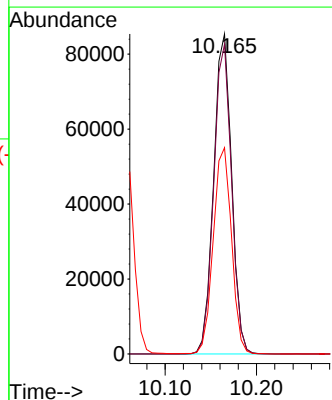
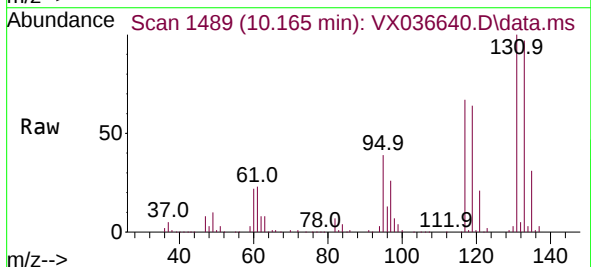
Manual Integrations
APPROVED

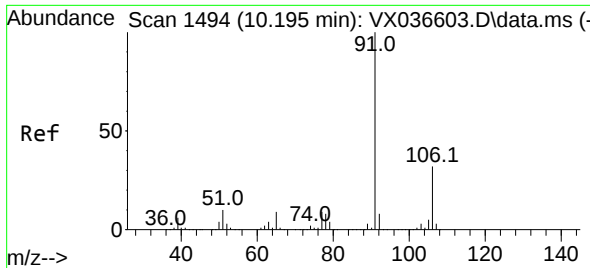
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.861 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

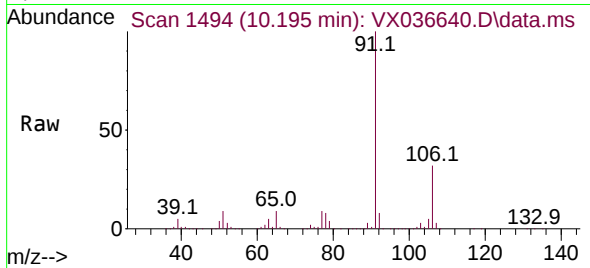
Tgt Ion:131 Resp: 116537
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.6 32.2 96.6





#67
Ethyl Benzene
Concen: 48.608 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

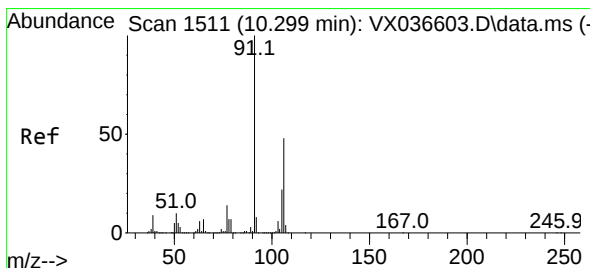
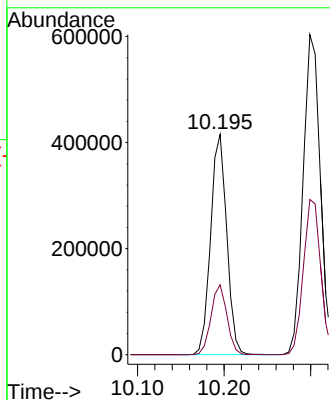
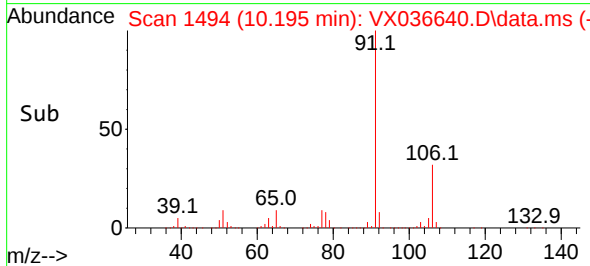
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



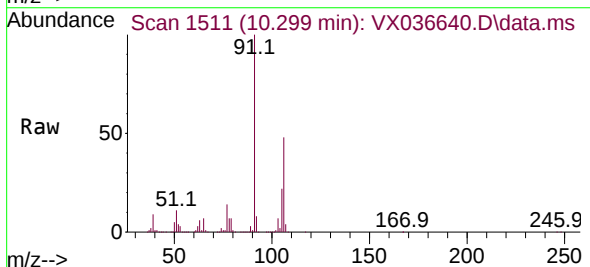
Tgt Ion: 91 Resp: 53696
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

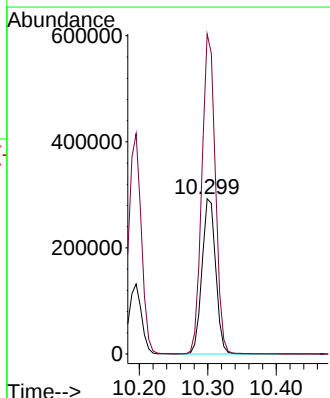
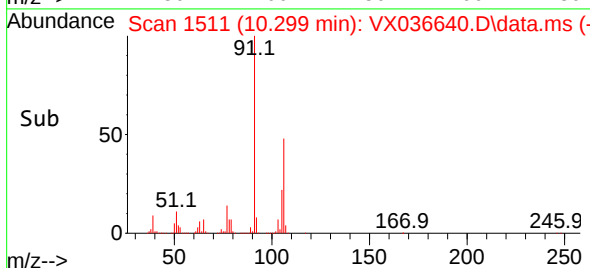
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

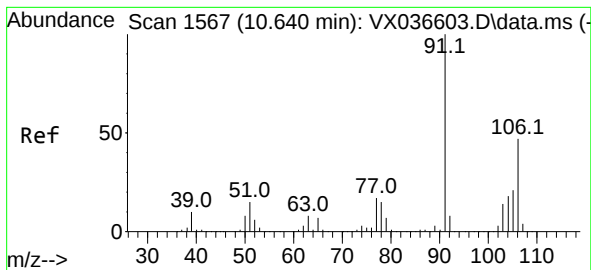


#68
m/p-Xylenes
Concen: 98.826 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion:106 Resp: 407324
Ion Ratio Lower Upper
106 100
91 204.0 165.5 248.3





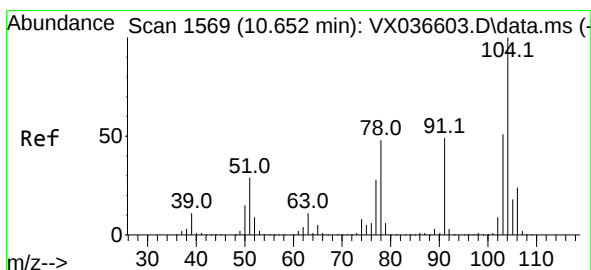
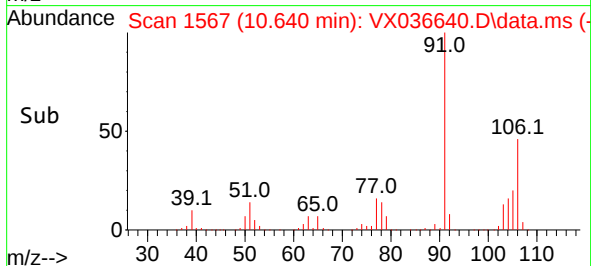
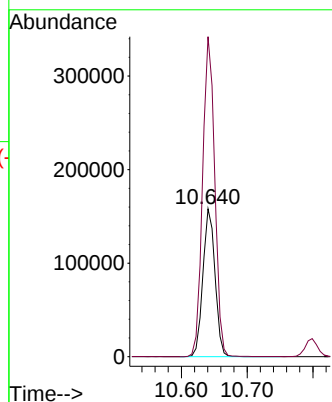
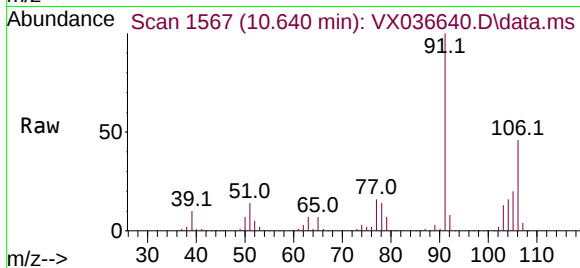
#69
o-Xylene
Concen: 49.228 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20253
Ion Ratio Lower Upper
106 100
91 217.1 108.9 326.8

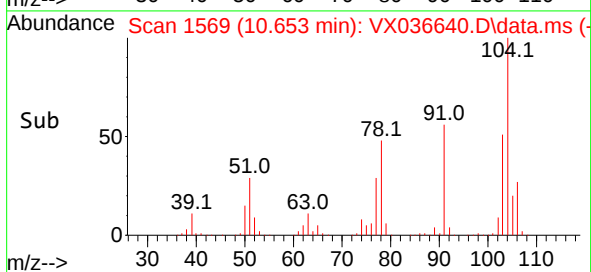
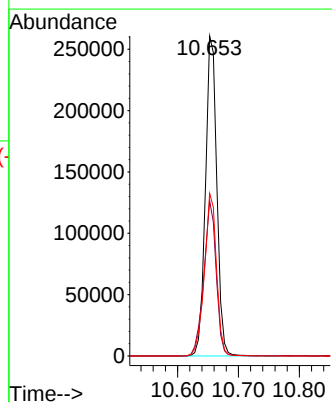
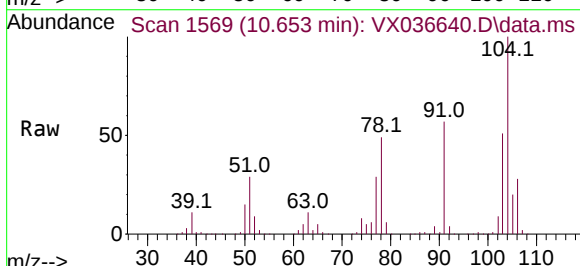
Manual Integrations
APPROVED

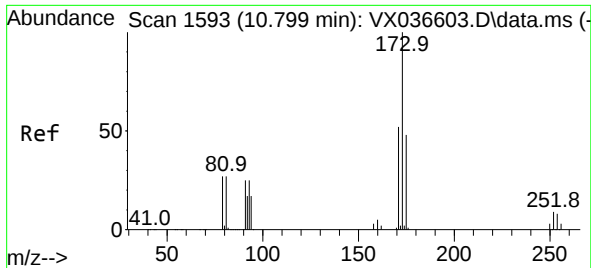
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 49.947 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

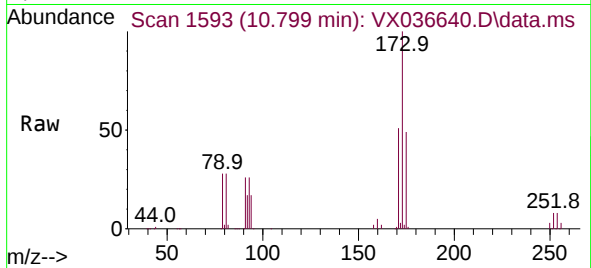
Tgt Ion:104 Resp: 339028
Ion Ratio Lower Upper
104 100
78 52.5 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 51.640 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

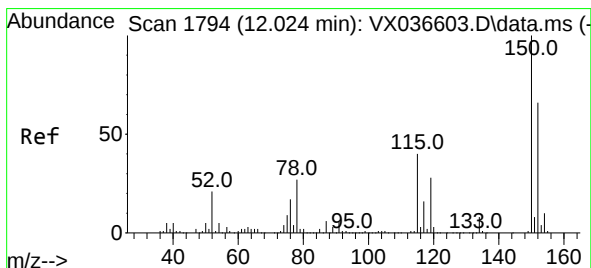
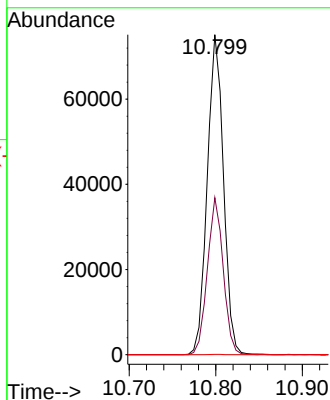
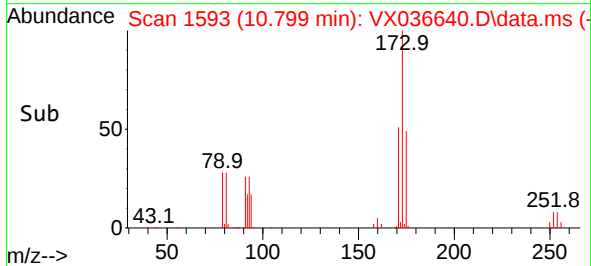
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



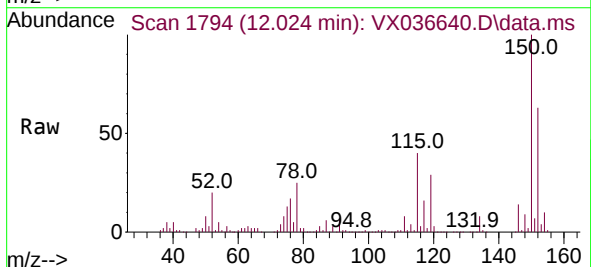
Tgt Ion:173 Resp: 9770
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

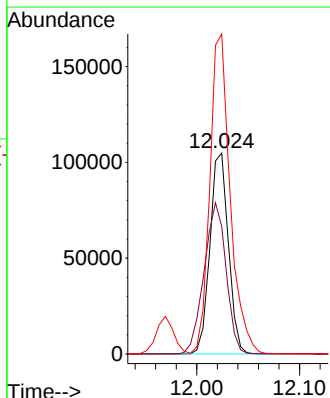
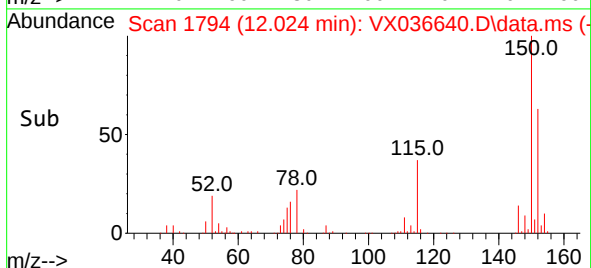
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

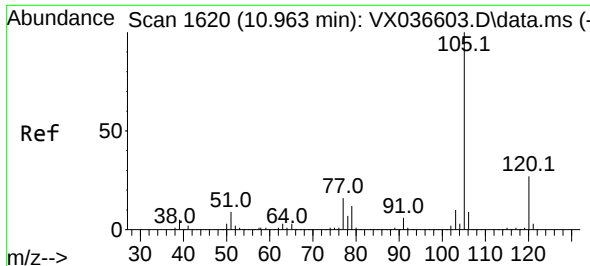


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion:152 Resp: 130476
Ion Ratio Lower Upper
152 100
115 89.8 43.3 129.9
150 175.7 0.0 345.0





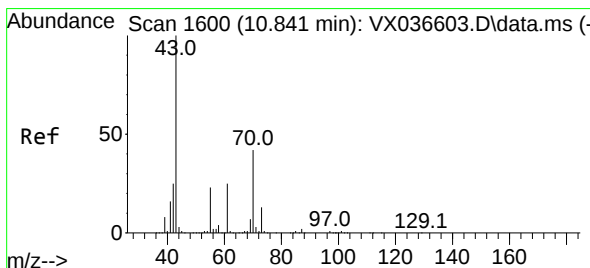
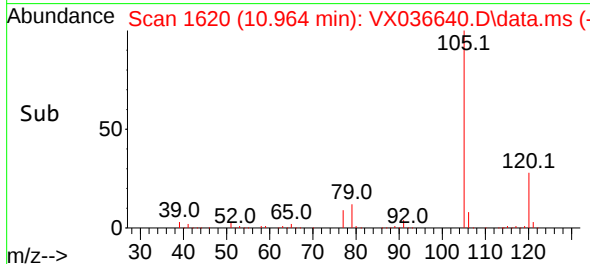
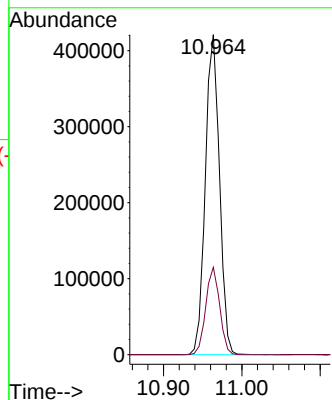
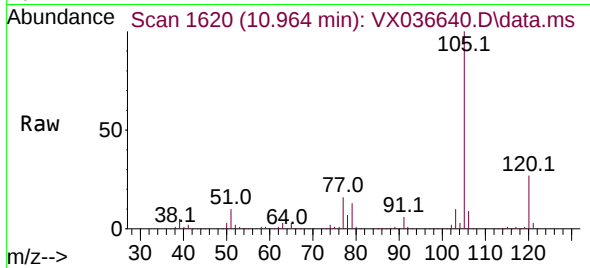
#73
Isopropylbenzene
Concen: 48.718 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 526059
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

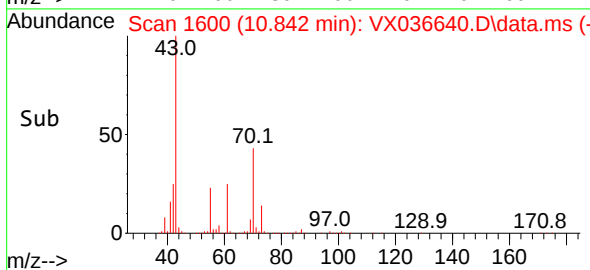
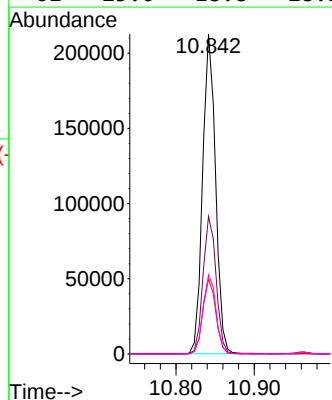
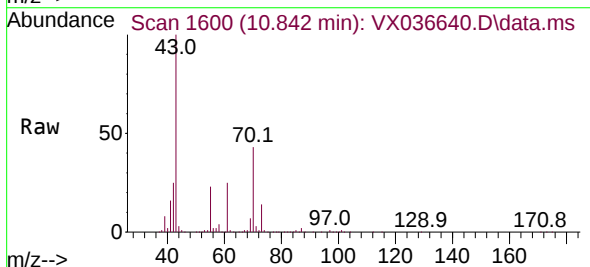
Manual Integrations
APPROVED

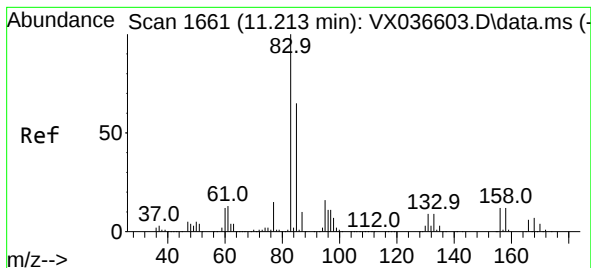
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#74
N-ethyl acetate
Concen: 48.344 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

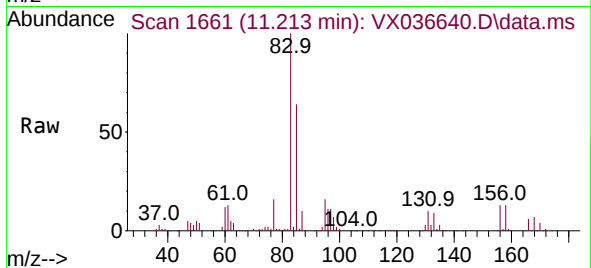
Tgt Ion: 43 Resp: 243432
Ion Ratio Lower Upper
43 100
70 43.7 32.9 49.3
55 23.5 19.3 28.9
61 25.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.901 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

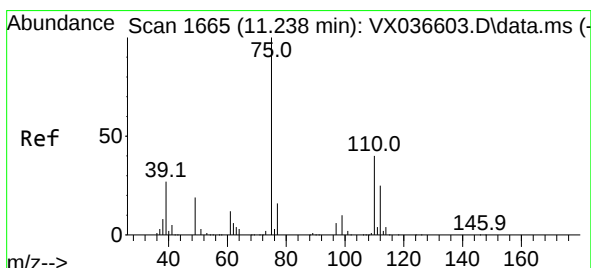
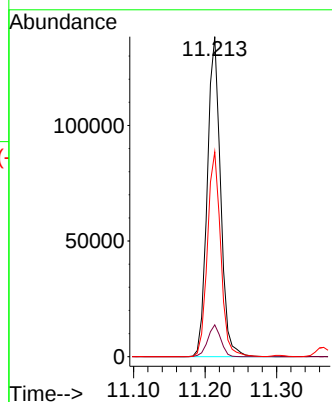
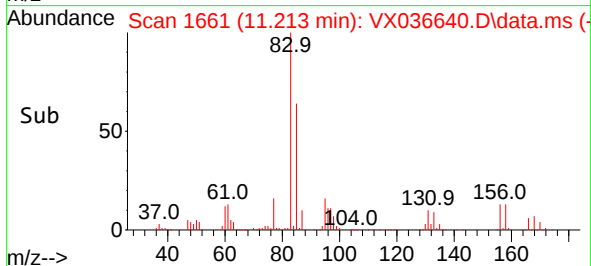
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



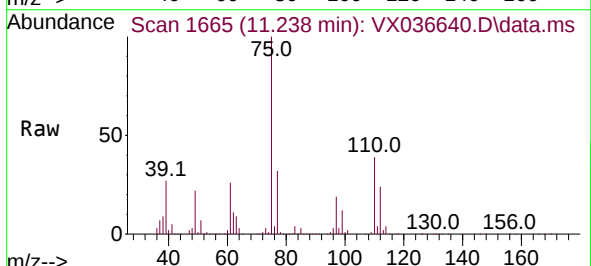
Tgt Ion: 83 Resp: 178340
Ion Ratio Lower Upper
83 100
131 9.8 5.3 15.8
85 64.0 32.0 96.2

Manual Integrations
APPROVED

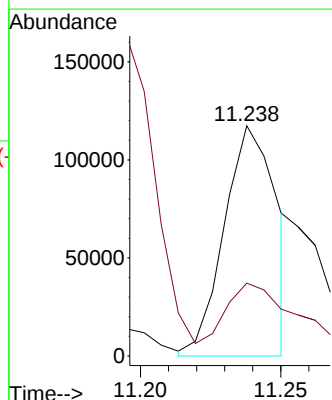
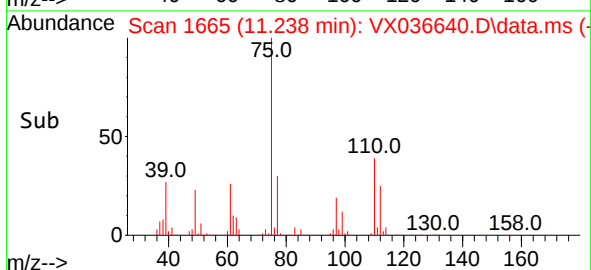
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#76
1,2,3-Trichloropropane
Concen: 49.492 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



Tgt Ion: 75 Resp: 151889
Ion Ratio Lower Upper
75 100
77 44.8 19.1 57.5





#77

Bromobenzene

Concen: 50.377 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 12388

Ion Ratio Lower Upper

156 100

77 168.2 88.4 265.3

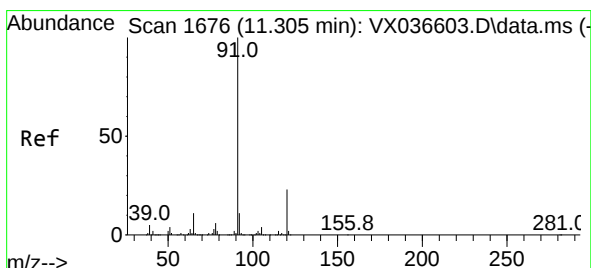
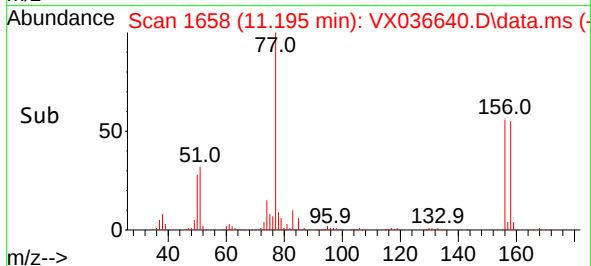
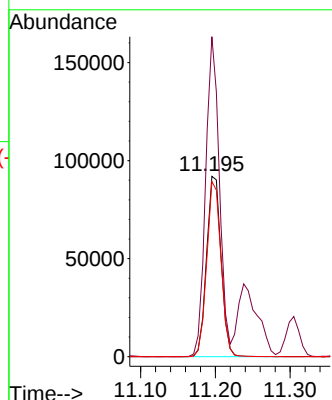
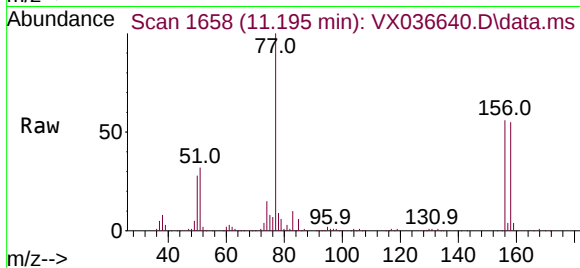
158 95.3 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#78

n-propylbenzene

Concen: 49.078 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036640.D

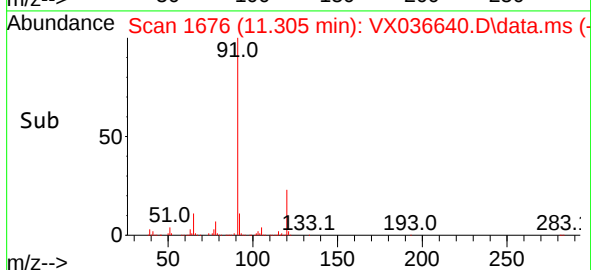
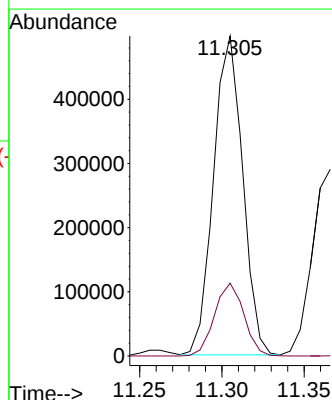
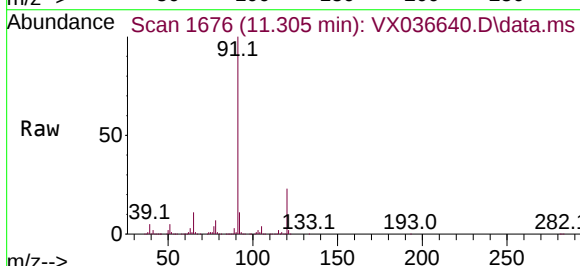
Acq: 24 Jul 2023 19:19

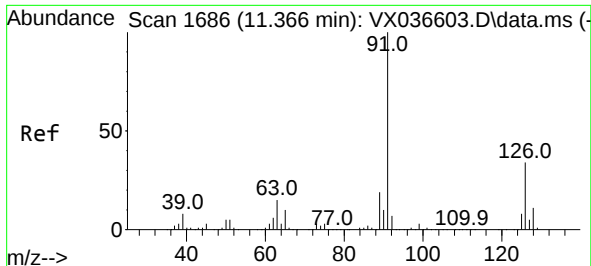
Tgt Ion: 91 Resp: 612886

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.553 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

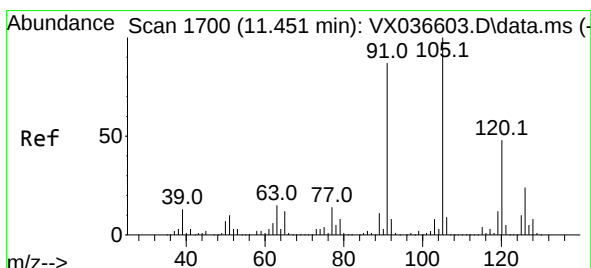
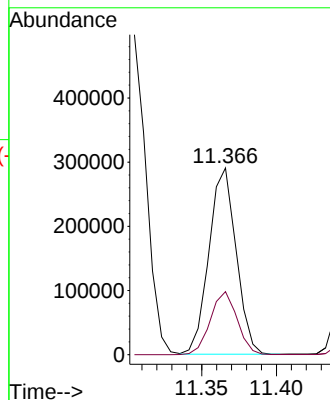
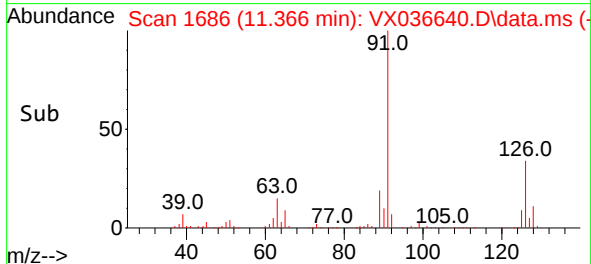
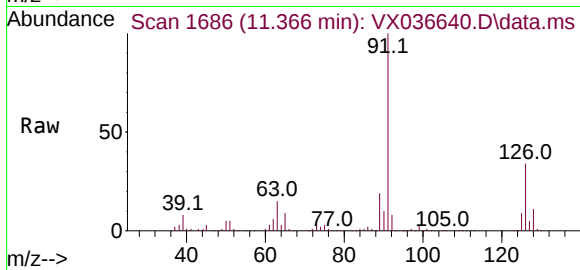
VSTDCCC050EC

Tgt Ion: 91 Resp: 36741
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8

Manual Integrations

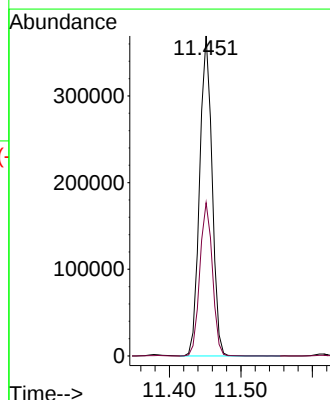
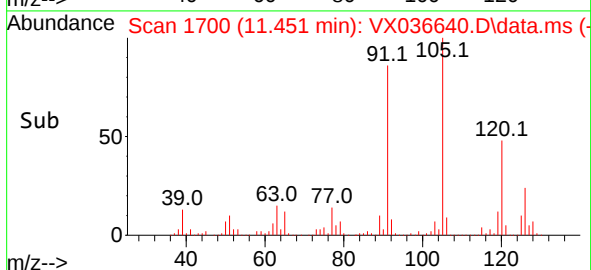
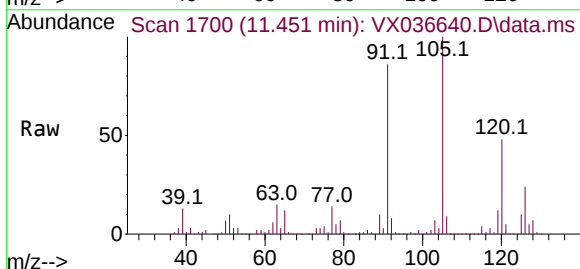
APPROVED

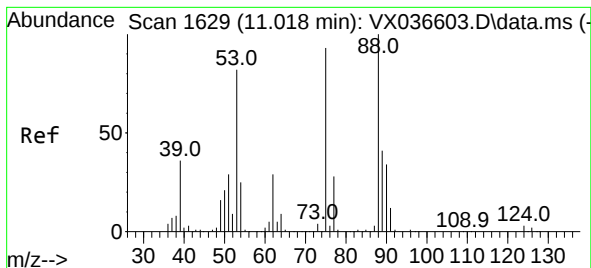
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.226 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion:105 Resp: 444675
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3





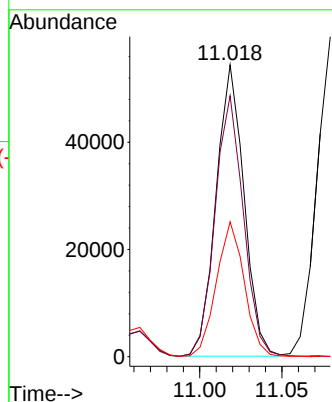
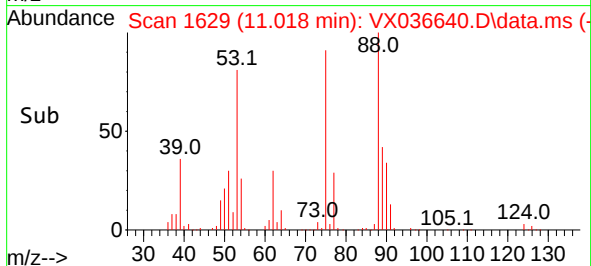
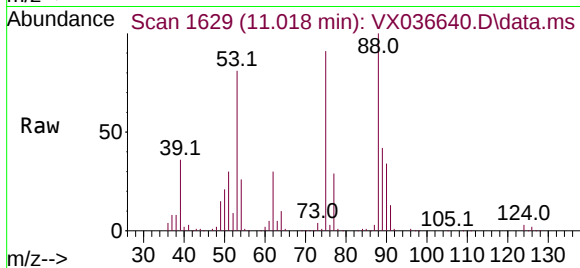
#81
trans-1,4-Dichloro-2-butene
Concen: 47.469 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6427
Ion Ratio Lower Upper
75 100
53 90.6 90.5 135.7
89 46.5 36.9 55.3

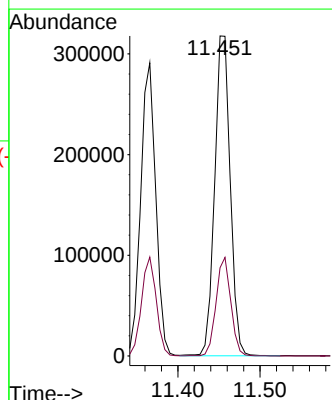
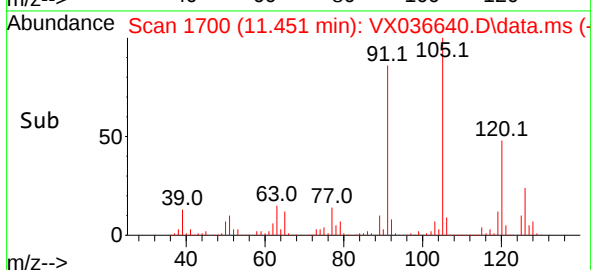
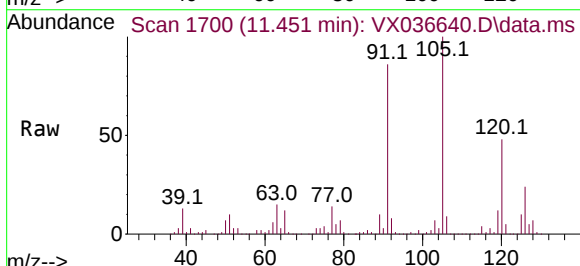
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 48.628 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion: 91 Resp: 419276
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 49.090 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

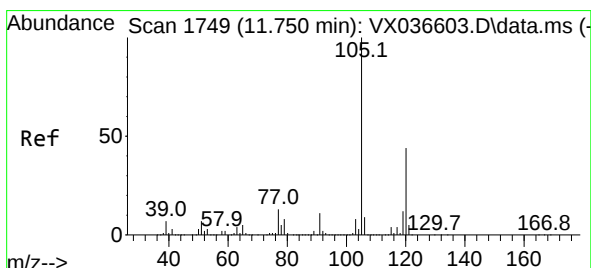
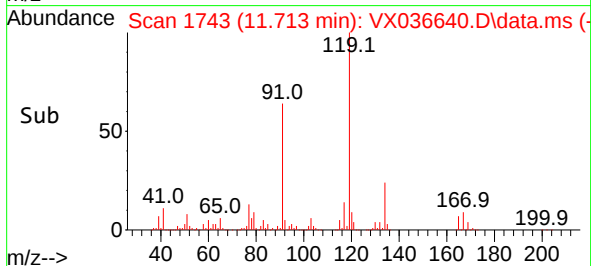
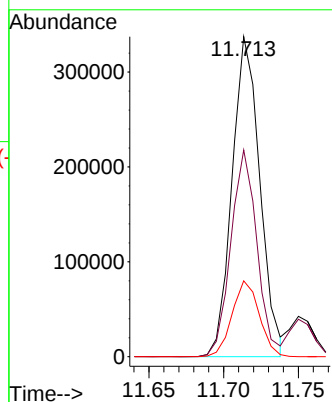
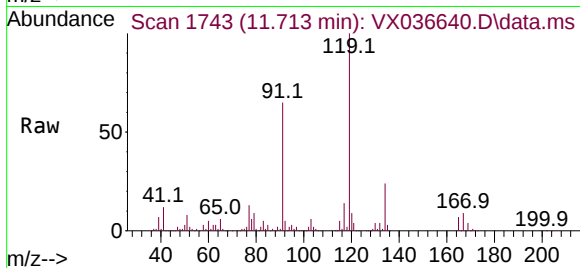
Tgt Ion:119 Resp: 435640
 Ion Ratio Lower Upper
 119 100
 91 60.8 31.2 93.6
 134 23.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.075 ug/l

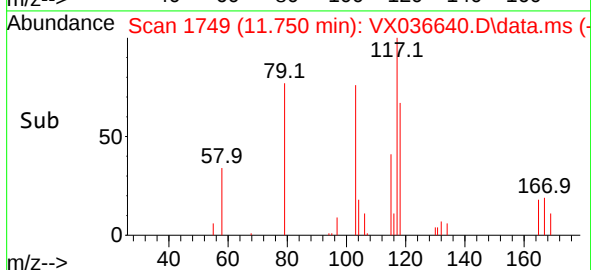
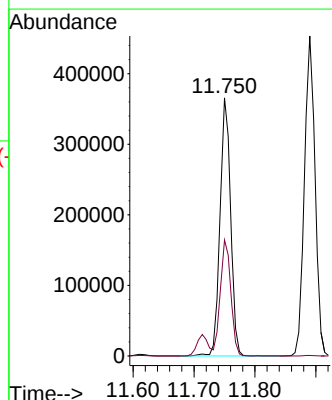
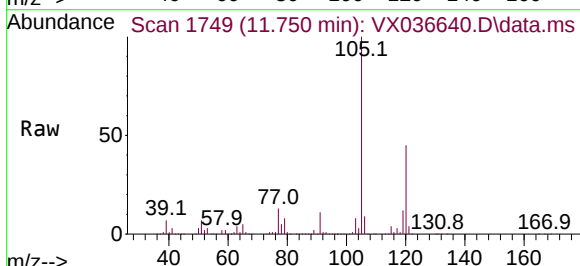
RT: 11.750 min Scan# 1749

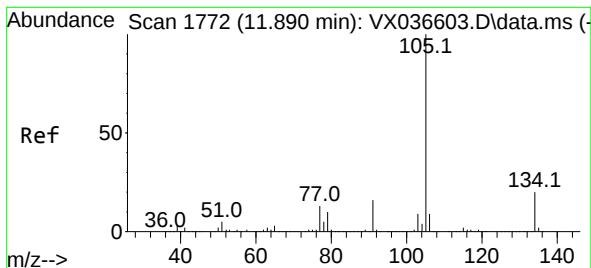
Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Tgt Ion:105 Resp: 443346
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.2 63.6





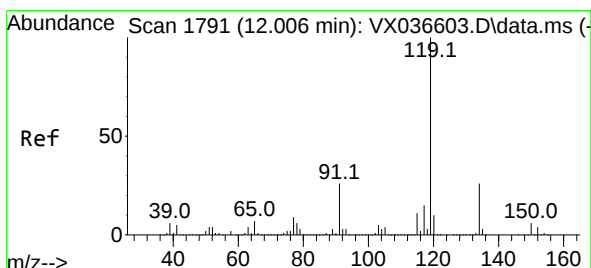
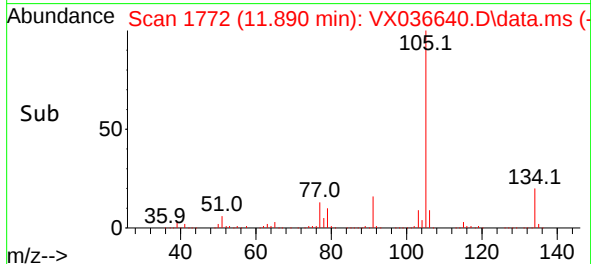
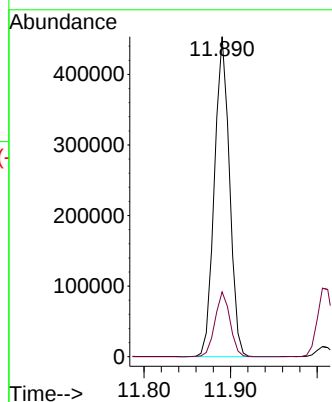
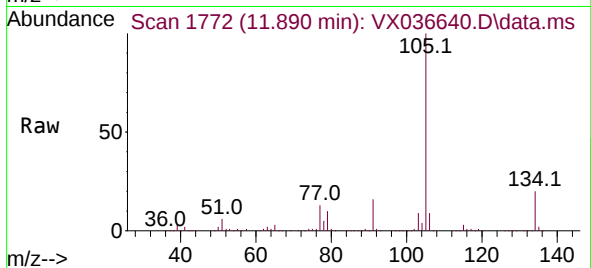
#85
 sec-Butylbenzene
 Concen: 49.608 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036640.D
 Acq: 24 Jul 2023 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 549010
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

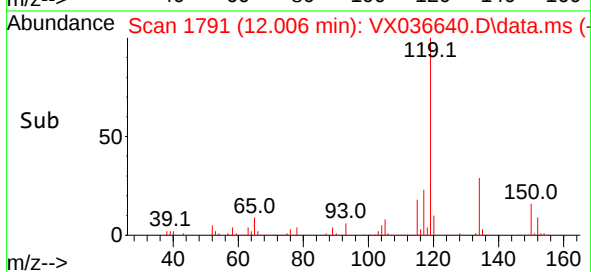
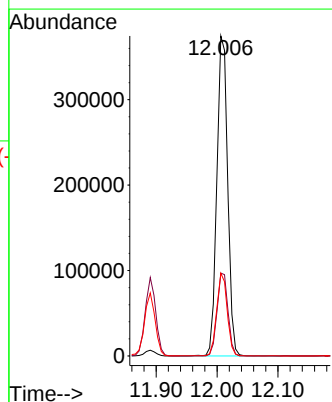
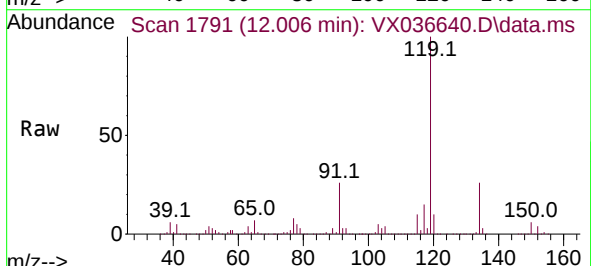
Manual Integrations
 APPROVED

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



#86
 p-Isopropyltoluene
 Concen: 50.697 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036640.D
 Acq: 24 Jul 2023 19:19

Tgt Ion:119 Resp: 461676
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.762 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 22664

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

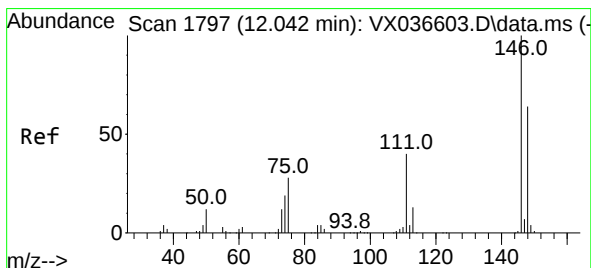
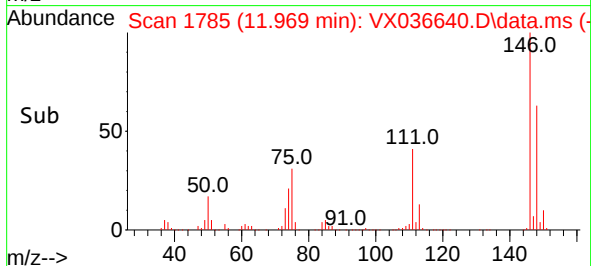
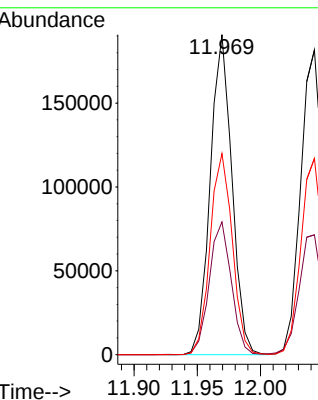
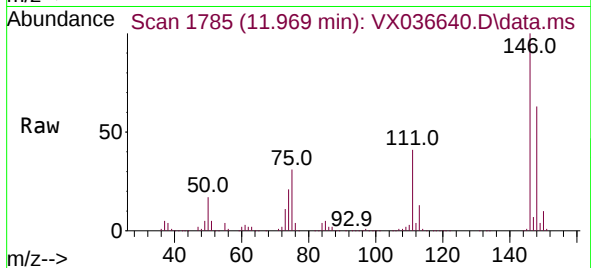
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#88

1,4-Dichlorobenzene

Concen: 50.125 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036640.D

Acq: 24 Jul 2023 19:19

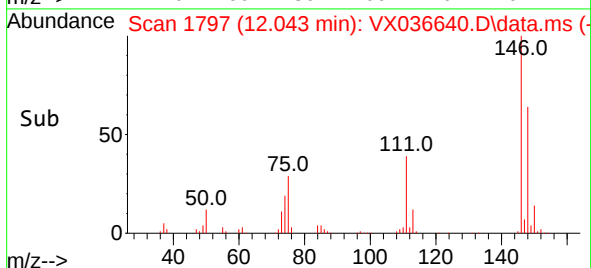
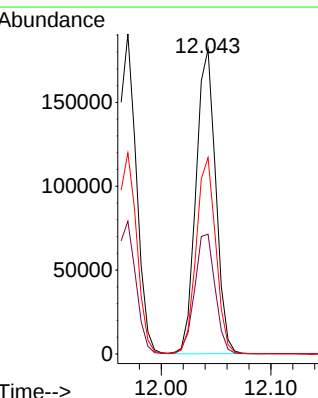
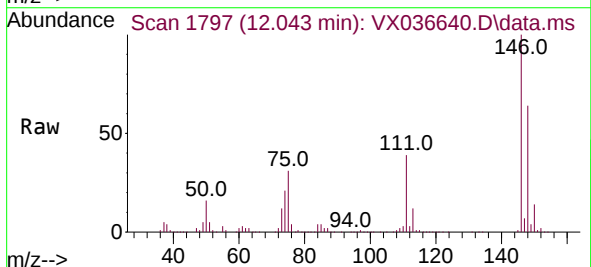
Tgt Ion:146 Resp: 226562

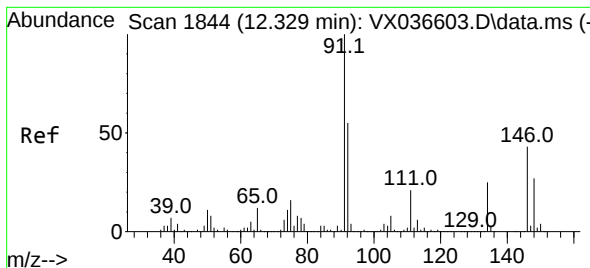
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

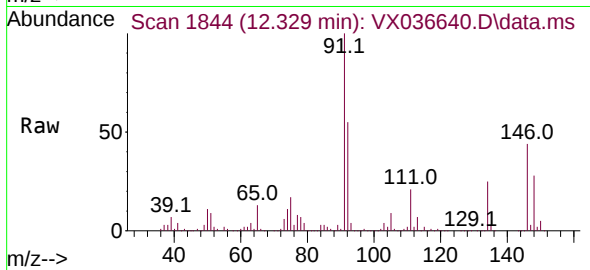
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 49.635 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

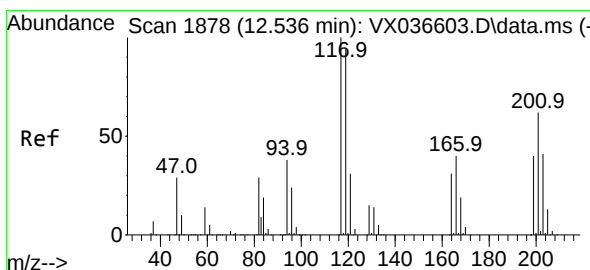
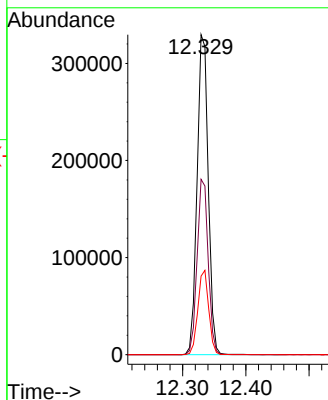
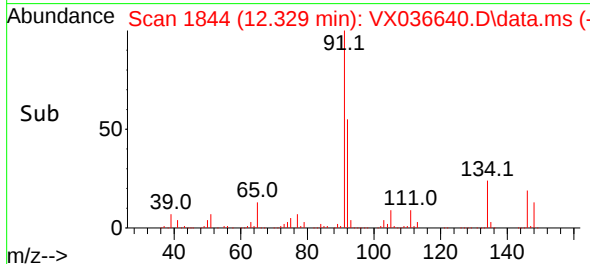
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 404629
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 25.7 12.6 37.8

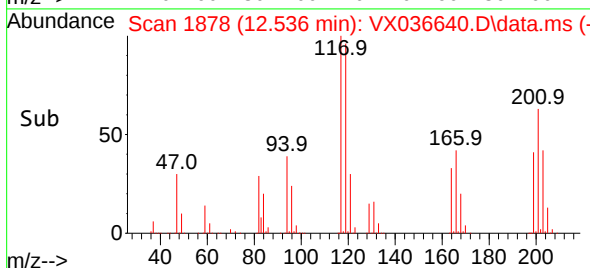
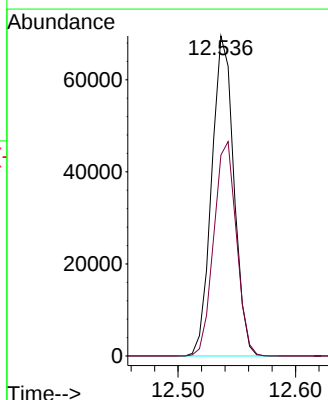
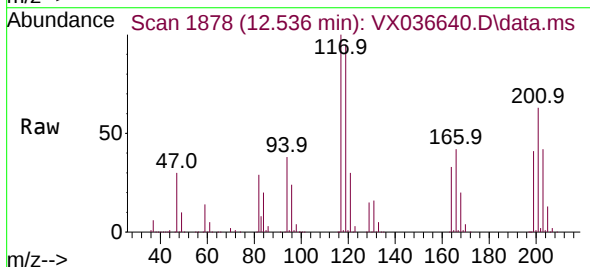
Manual Integrations
APPROVED

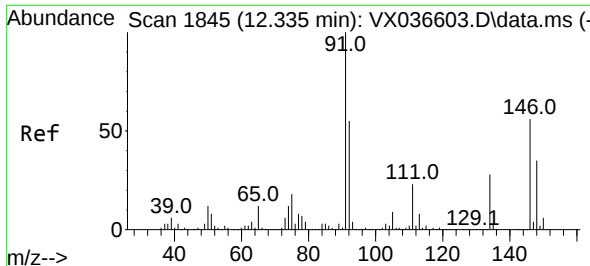
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 49.480 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

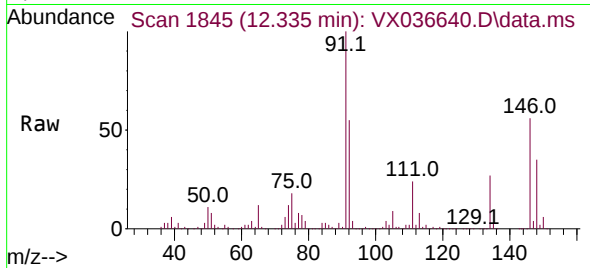
Tgt Ion:117 Resp: 91347
Ion Ratio Lower Upper
117 100
201 68.3 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.510 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

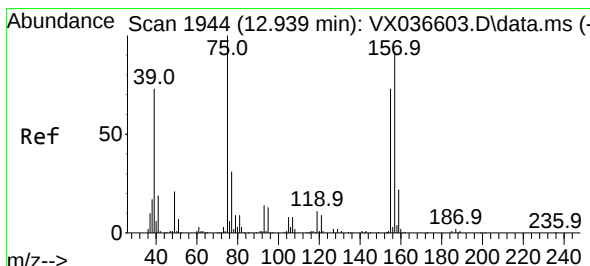
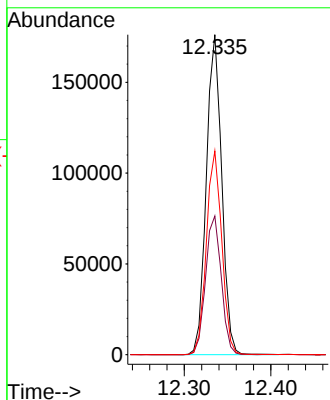
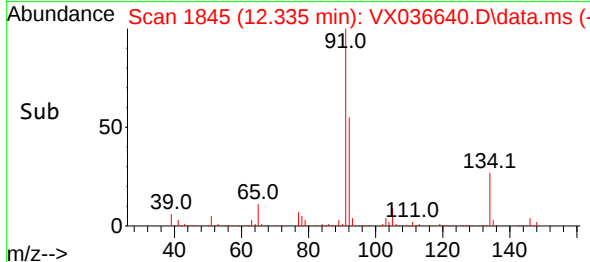
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



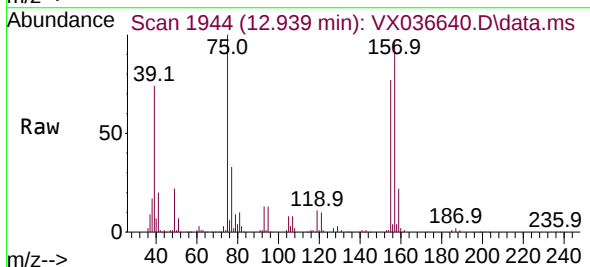
Tgt Ion:146 Resp: 217599
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

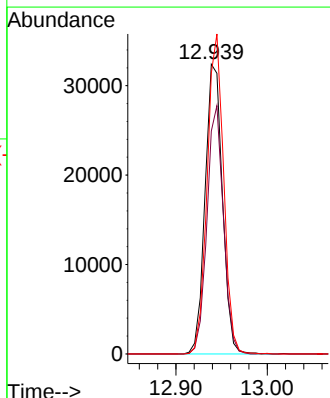
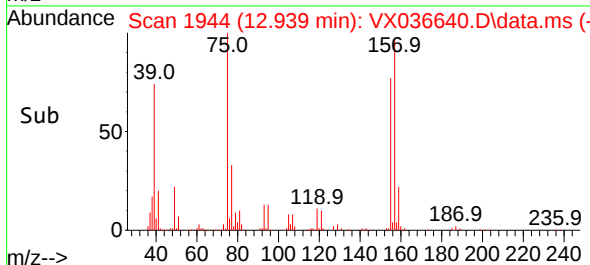
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

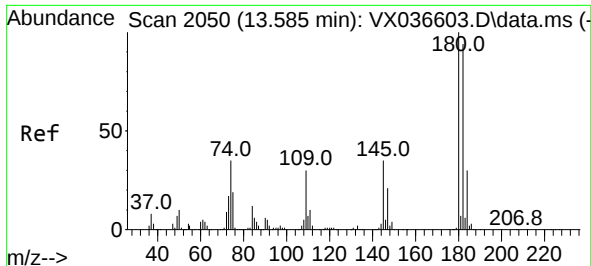


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.457 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19



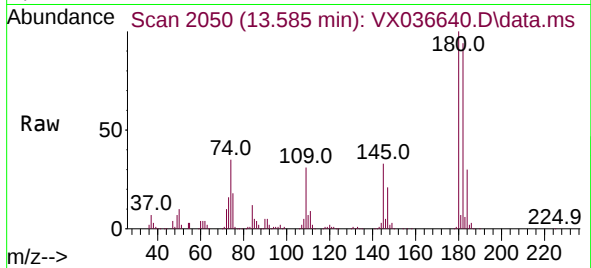
Tgt Ion: 75 Resp: 42762
Ion Ratio Lower Upper
75 100
155 81.2 36.1 108.5
157 104.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.200 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

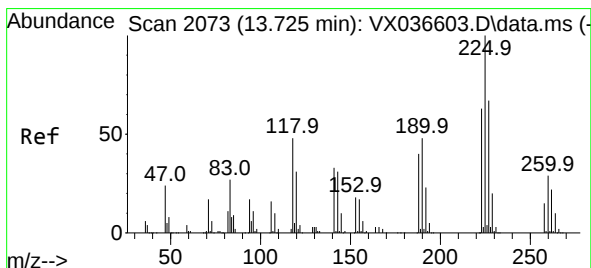
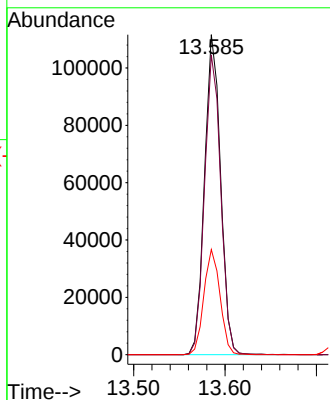
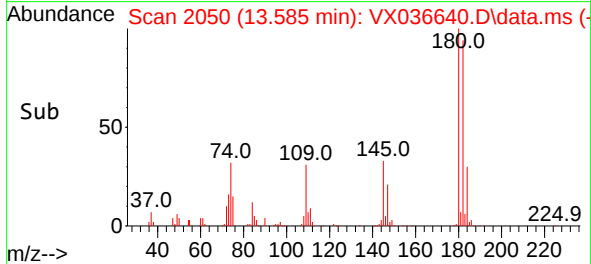
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 13593
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.8
145 33.0 18.0 54.0

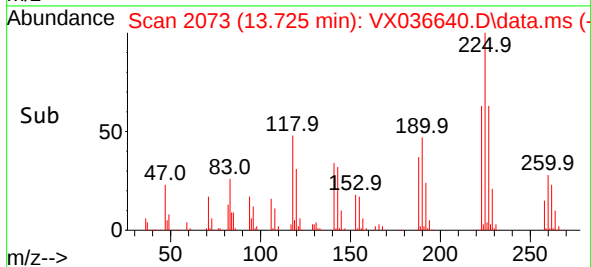
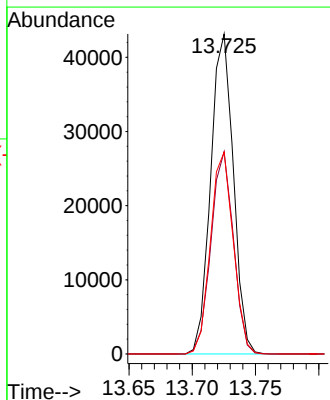
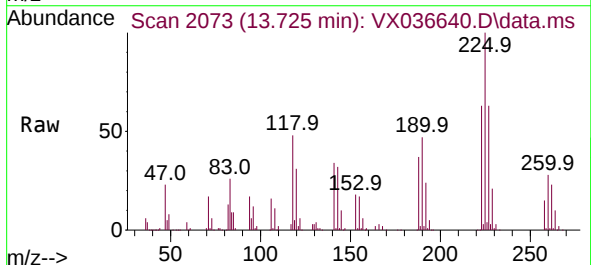
Manual Integrations
APPROVED

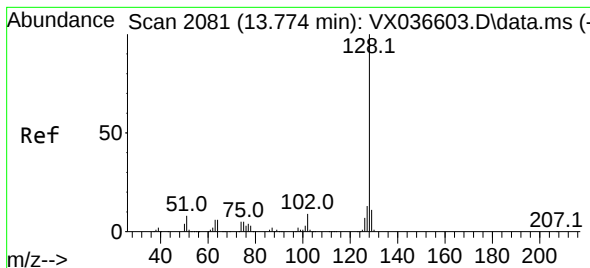
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#94
Hexachlorobutadiene
Concen: 47.912 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

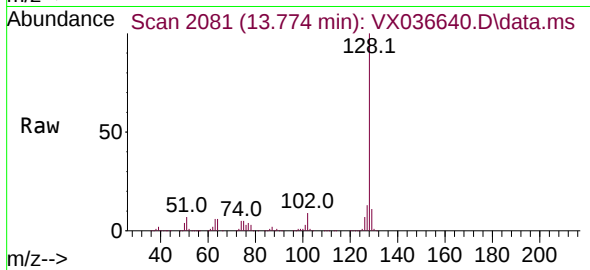
Tgt Ion:225 Resp: 53673
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 63.5 32.5 97.5





#95
Naphthalene
Concen: 51.586 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

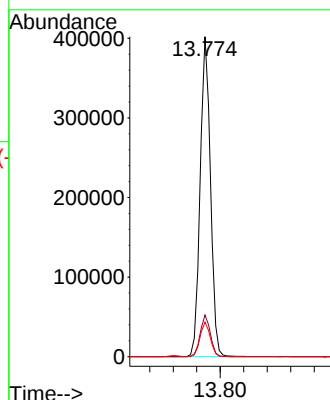
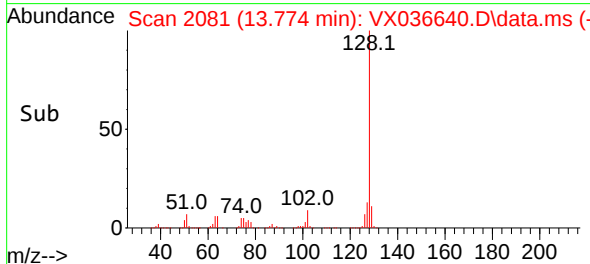
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 486774
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 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: 50.121 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036640.D
Acq: 24 Jul 2023 19:19

Tgt Ion:180 Resp: 133764
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 35.1 17.8 53.5

