

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035752.D
 Acq On : 19 May 2023 09:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2023
 Supervised By : Mahesh Dadoda 05/22/2023

Quant Time: May 22 05:11:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	223413	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	387717	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167326	42.931	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.860%		
35) Dibromofluoromethane	5.379	113	113703	43.485	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.980%		
50) Toluene-d8	8.647	98	414062	42.866	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	85.740%#		
62) 4-Bromofluorobenzene	11.079	95	169402	43.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.120%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	140869	48.381	ug/l	99
3) Chloromethane	1.294	50	144822	40.986	ug/l	98
4) Vinyl Chloride	1.374	62	143239	47.767	ug/l	100
5) Bromomethane	1.617	94	81266	50.039	ug/l	95
6) Chloroethane	1.691	64	81543	44.825	ug/l	97
7) Trichlorofluoromethane	1.886	101	212542	48.205	ug/l	97
8) Diethyl Ether	2.130	74	80284	47.291	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	123359	47.123	ug/l	95
10) Methyl Iodide	2.453	142	125421	53.569	ug/l	89
11) Tert butyl alcohol	3.001	59	135728m	197.386	ug/l	
12) 1,1-Dichloroethene	2.319	96	112739	45.313	ug/l	86
13) Acrolein	2.239	56	133683	163.801	ug/l	99
14) Allyl chloride	2.660	41	232155	43.555	ug/l	94
15) Acrylonitrile	3.068	53	348031	229.849	ug/l	99
16) Acetone	2.392	43	448164	267.538	ug/l	93
17) Carbon Disulfide	2.508	76	260985	43.464	ug/l	99
18) Methyl Acetate	2.703	43	294864	47.729	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	443346	44.780	ug/l	98
20) Methylene Chloride	2.788	84	132756	43.728	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	123451	45.282	ug/l	91
22) Diisopropyl ether	3.757	45	470458	45.080	ug/l	91
23) Vinyl Acetate	3.721	43	1671419	226.350	ug/l	98
24) 1,1-Dichloroethane	3.605	63	252186	45.183	ug/l	99
25) 2-Butanone	4.556	43	554264	239.018	ug/l	99
26) 2,2-Dichloropropane	4.471	77	211786	44.808	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	148173	45.212	ug/l	93
28) Bromochloromethane	4.891	49	117880	46.955	ug/l	94
29) Tetrahydrofuran	5.007	42	323729	222.109	ug/l	98
30) Chloroform	5.086	83	261461	45.715	ug/l	100
31) Cyclohexane	5.464	56	226490	45.995	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	226938	45.604	ug/l	98
36) 1,1-Dichloropropene	5.690	75	195395	47.342	ug/l	97
37) Ethyl Acetate	4.708	43	195771	45.476	ug/l	100
38) Carbon Tetrachloride	5.672	117	189406	48.445	ug/l	100
39) Methylcyclohexane	7.379	83	233854	48.134	ug/l	96
40) Benzene	6.031	78	532788	46.144	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	117575	46.000	ug/l	97
42) 1,2-Dichloroethane	6.080	62	231798	46.670	ug/l	97
43) Isopropyl Acetate	6.336	43	341874	45.542	ug/l	98
44) Trichloroethene	7.123	130	133864	45.724	ug/l	93
45) 1,2-Dichloropropane	7.427	63	142246	46.517	ug/l	99
46) Dibromomethane	7.580	93	98553	47.083	ug/l	93
47) Bromodichloromethane	7.818	83	192150	47.493	ug/l	99
48) Methyl methacrylate	7.690	41	172261	46.498	ug/l	95
49) 1,4-Dioxane	7.720	88	54583	708.926	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	1023084	236.568	ug/l	98
52) Toluene	8.714	92	341581	46.867	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	212901	48.435	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	229153	48.658	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	133727	46.715	ug/l	98
56) Ethyl methacrylate	9.116	69	216396	46.680	ug/l	95
57) 1,3-Dichloropropane	9.305	76	240805	46.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	526772	223.370	ug/l	98
59) 2-Hexanone	9.433	43	797102	244.742	ug/l	98
60) Dibromochloromethane	9.518	129	133223	48.823	ug/l	100
61) 1,2-Dibromoethane	9.610	107	141740	46.995	ug/l	100
64) Tetrachloroethene	9.269	164	109042	46.305	ug/l	91
65) Chlorobenzene	10.079	112	351374	46.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	127431	47.200	ug/l	99
67) Ethyl Benzene	10.195	91	675923	47.069	ug/l	97
68) m/p-Xylenes	10.299	106	501444	94.469	ug/l	95
69) o-Xylene	10.640	106	243446	46.219	ug/l	94
70) Styrene	10.652	104	406579	47.895	ug/l	98
71) Bromoform	10.799	173	84216	47.409	ug/l #	100
73) Isopropylbenzene	10.963	105	661073	46.512	ug/l	98
74) N-amyl acetate	10.841	43	289120	43.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	203824	44.208	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	176796m	42.852	ug/l	
77) Bromobenzene	11.195	156	145654	45.151	ug/l	92
78) n-propylbenzene	11.305	91	796039	47.646	ug/l	98
79) 2-Chlorotoluene	11.366	91	475076	45.417	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	562983	46.604	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	57261	44.730	ug/l #	84
82) 4-Chlorotoluene	11.451	91	558134	46.331	ug/l	97
83) tert-Butylbenzene	11.713	119	539222	45.921	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	566894	46.737	ug/l	96
85) sec-Butylbenzene	11.890	105	706895	47.947	ug/l	98
86) p-Isopropyltoluene	12.006	119	588618	48.563	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	279561	45.618	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	281127	45.429	ug/l	98
89) n-Butylbenzene	12.329	91	542198	49.175	ug/l	97
90) Hexachloroethane	12.536	117	89020	48.457	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	272054	45.334	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45863	44.671	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	170204	47.103	ug/l	99
94) Hexachlorobutadiene	13.725	225	70281	49.002	ug/l	98
95) Naphthalene	13.774	128	558597	45.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	163714	46.068	ug/l	97

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

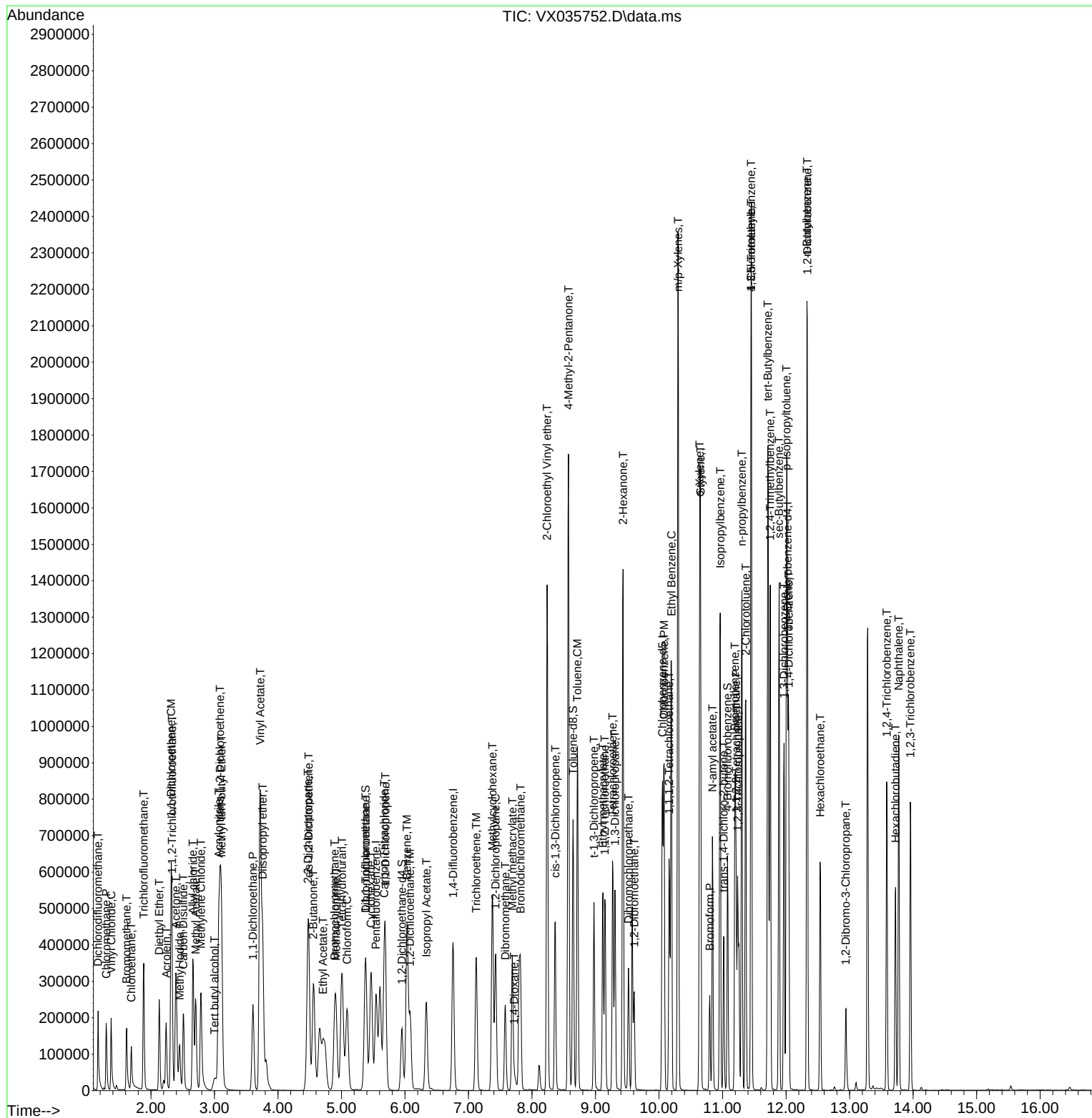
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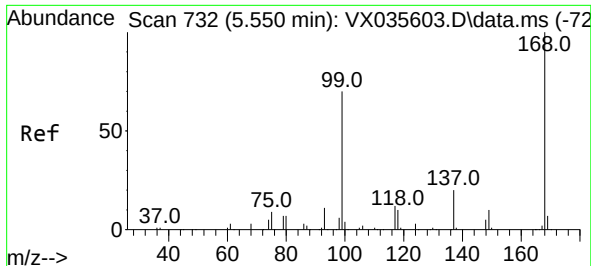
Instrument :
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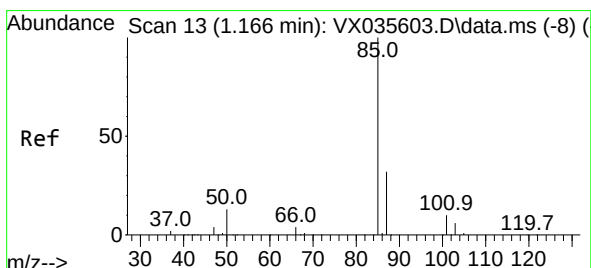
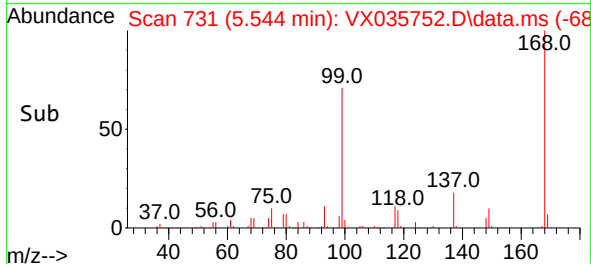
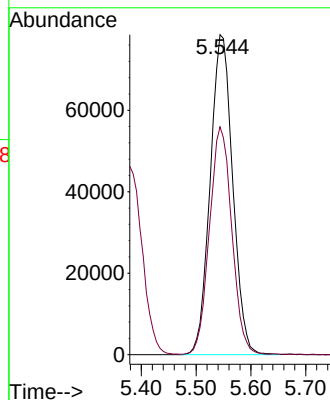
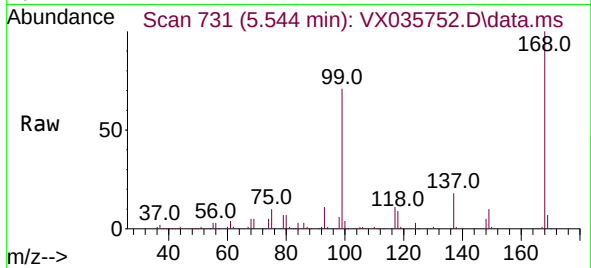
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035752.D
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MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 22341
Ion Ratio Lower Upper
168 100
99 71.1 45.7 68.5

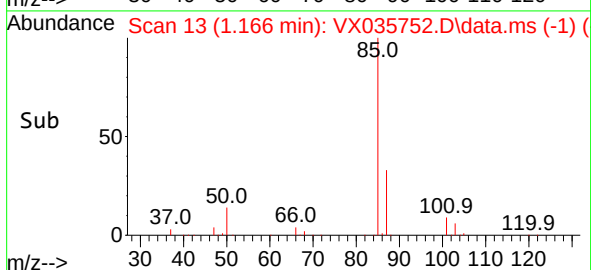
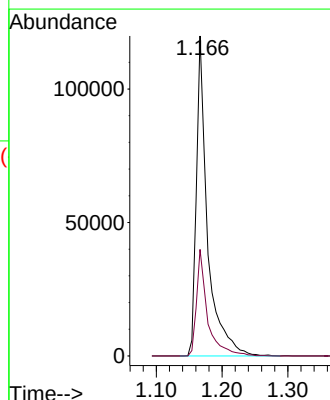
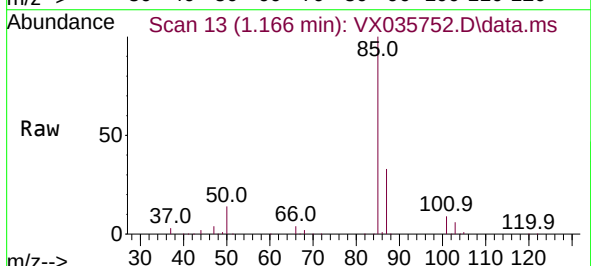
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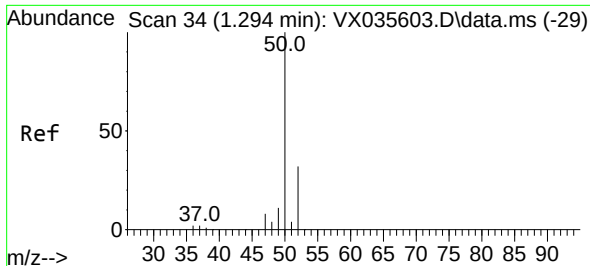
Reviewed By :John Carlone 05/22/2023
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#2
Dichlorodifluoromethane
Concen: 48.381 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 85 Resp: 140869
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1





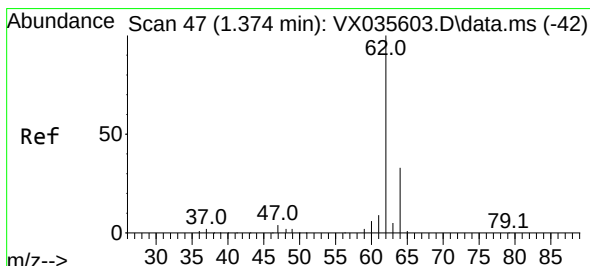
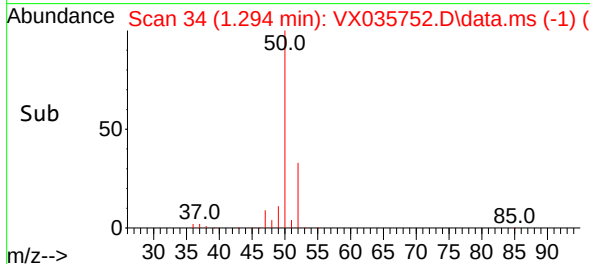
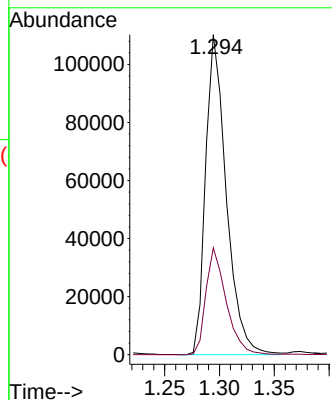
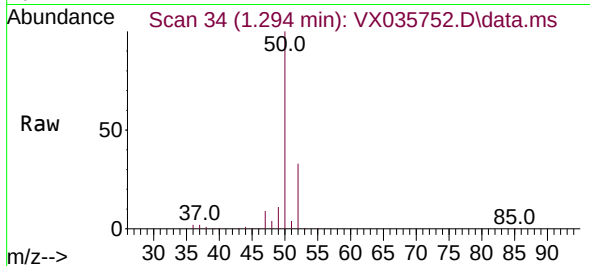
#3
Chloromethane
Concen: 40.986 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 14482
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

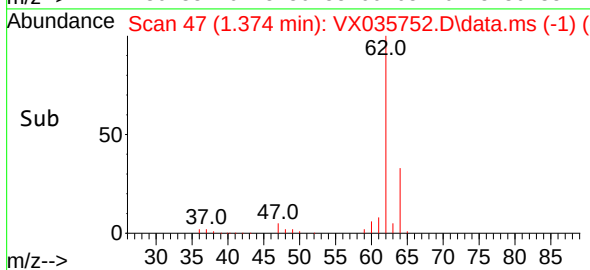
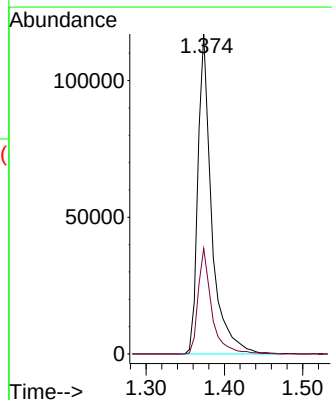
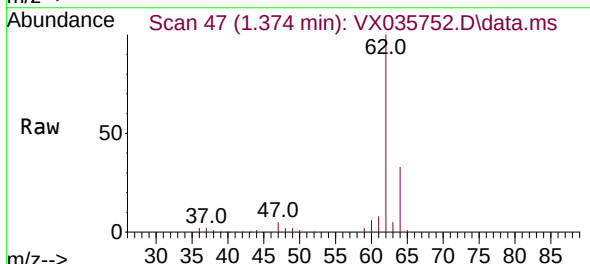
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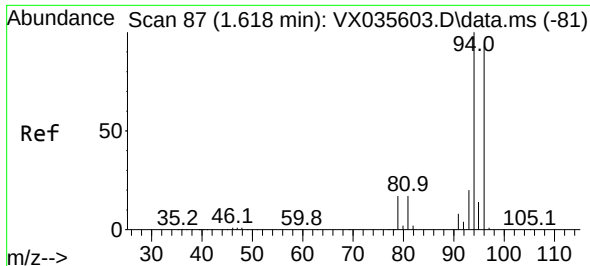
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#4
Vinyl Chloride
Concen: 47.767 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

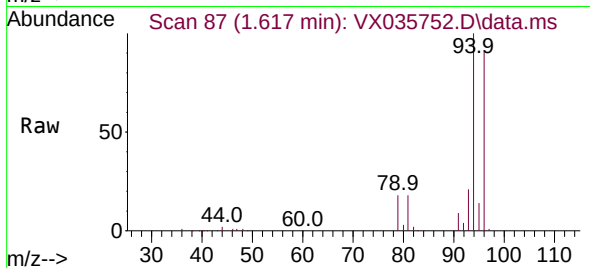
Tgt Ion: 62 Resp: 143239
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6





#5
Bromomethane
Concen: 50.039 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

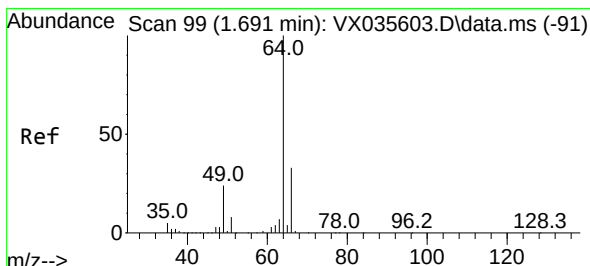
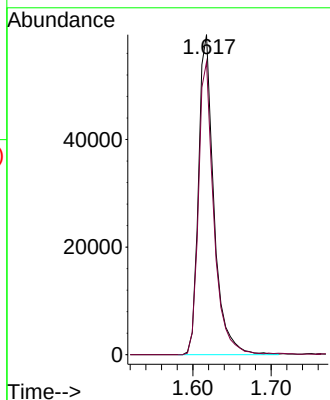
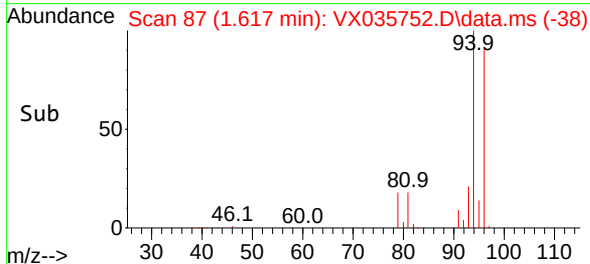
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Tgt Ion: 94 Resp: 81260
Ion Ratio Lower Upper
94 100
96 91.4 77.0 115.6

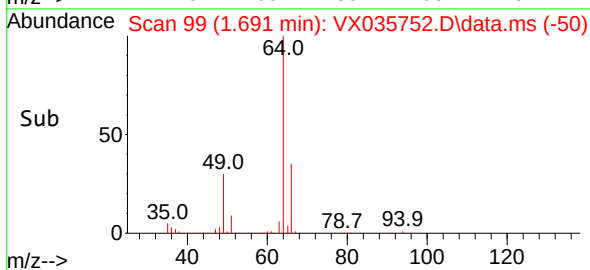
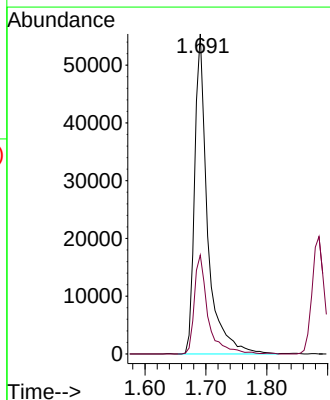
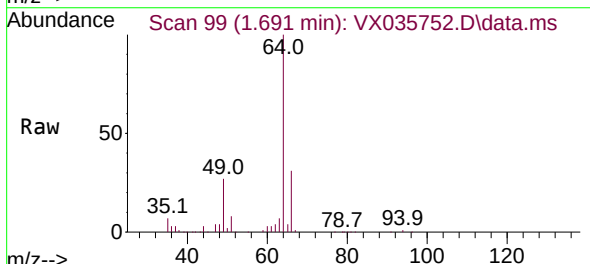
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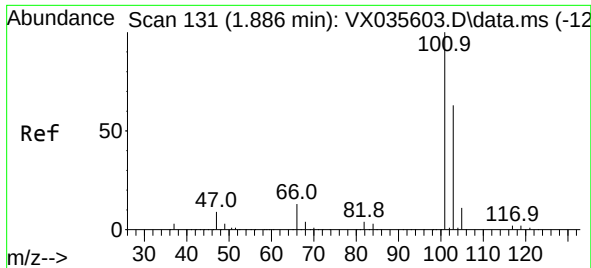
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#6
Chloroethane
Concen: 44.825 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035752.D
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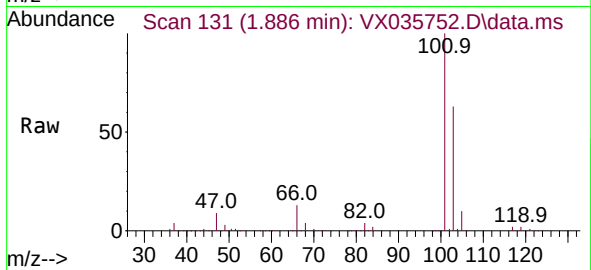
Tgt Ion: 64 Resp: 81543
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.205 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

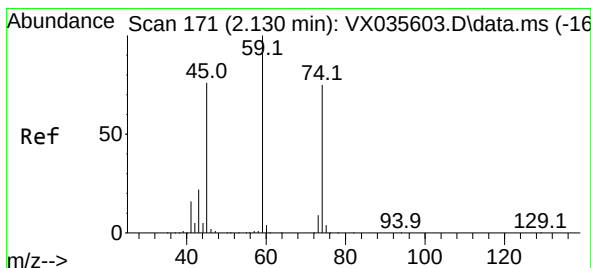
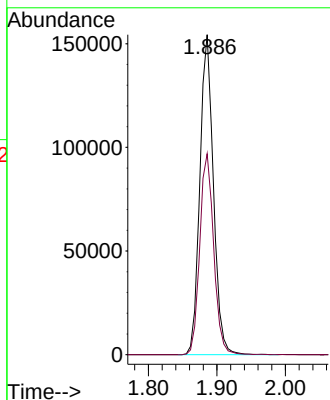
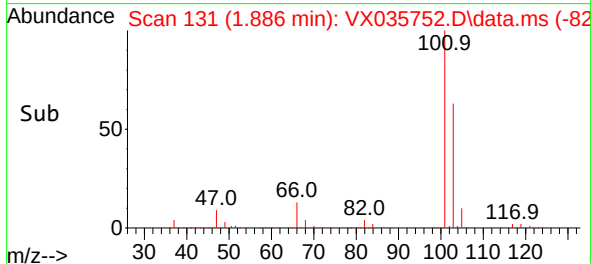
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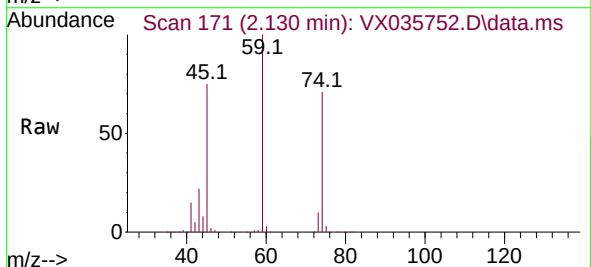
Tgt Ion:101 Resp: 21254
Ion Ratio Lower Upper
101 100
103 62.8 52.0 78.0

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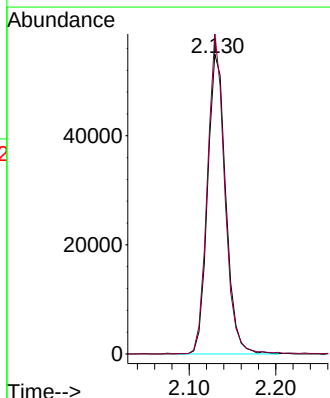
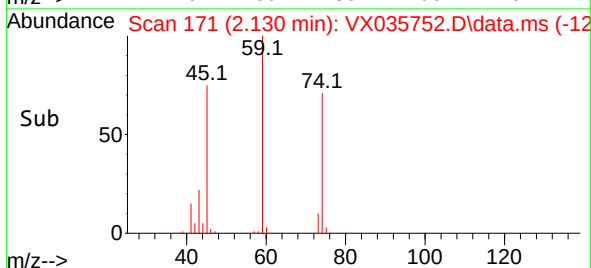
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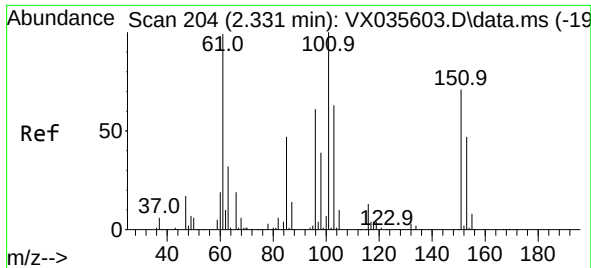


#8
Diethyl Ether
Concen: 47.291 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion: 74 Resp: 80284
Ion Ratio Lower Upper
74 100
45 101.2 49.8 149.3





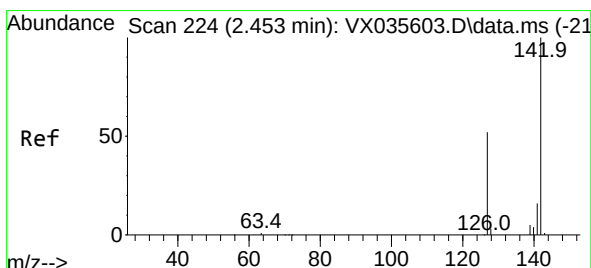
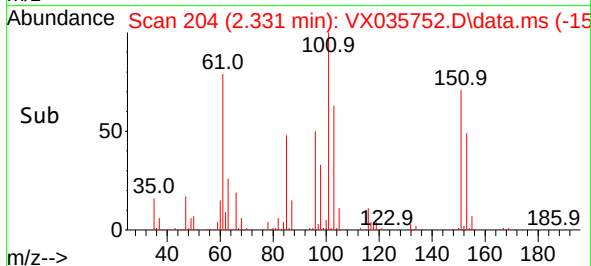
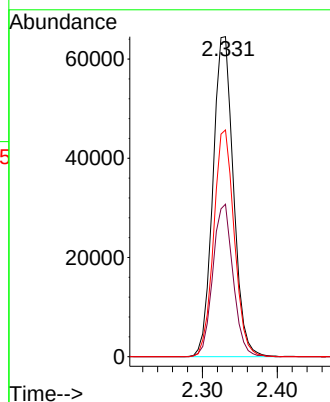
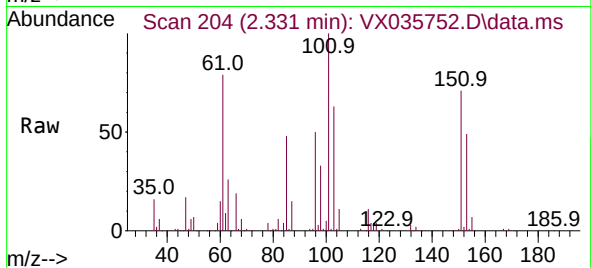
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.123 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 123359
Ion Ratio Lower Upper
101 100
85 47.0 35.4 53.2
151 71.0 60.2 90.4

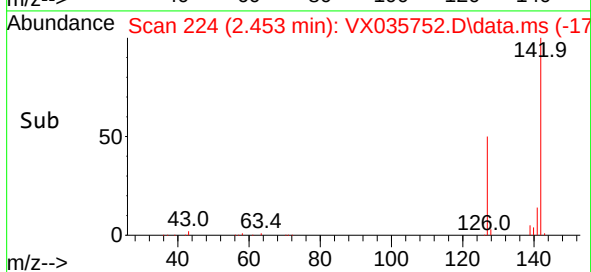
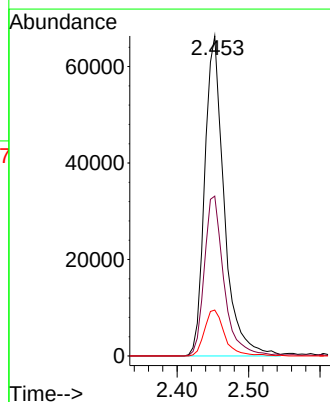
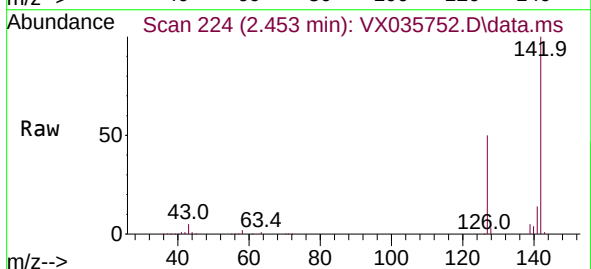
Manual Integrations
APPROVED

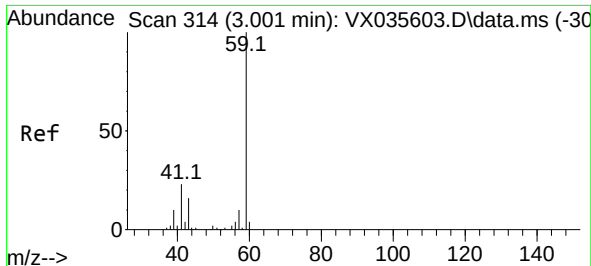
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#10
Methyl Iodide
Concen: 53.569 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

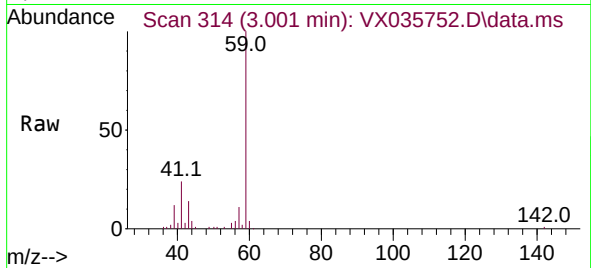
Tgt Ion:142 Resp: 125421
Ion Ratio Lower Upper
142 100
127 50.8 34.0 51.0
141 15.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 197.386 ug/l m
RT: 3.001 min Scan# 314
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

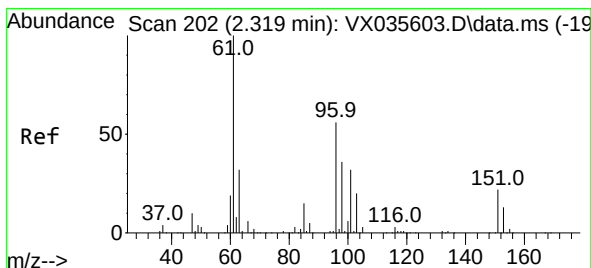
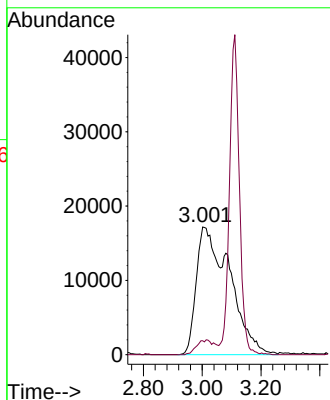
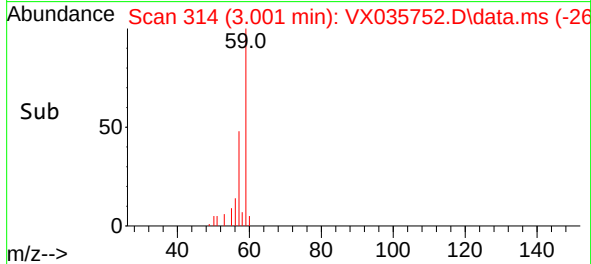
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



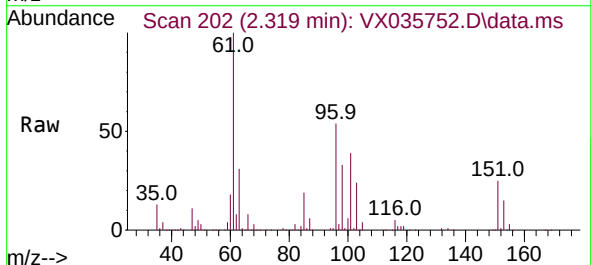
Tgt Ion: 59 Resp: 135728
Ion Ratio Lower Upper
59 100
57 6.4 8.1 12.1

Manual Integrations
APPROVED

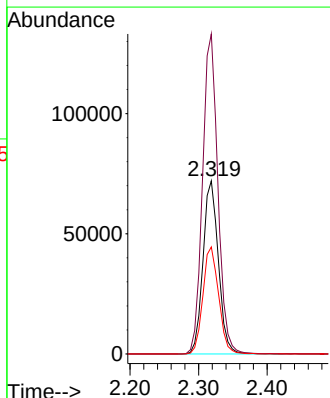
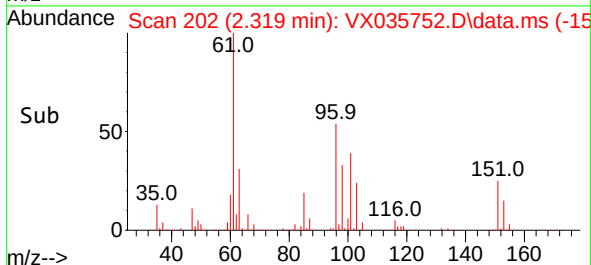
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

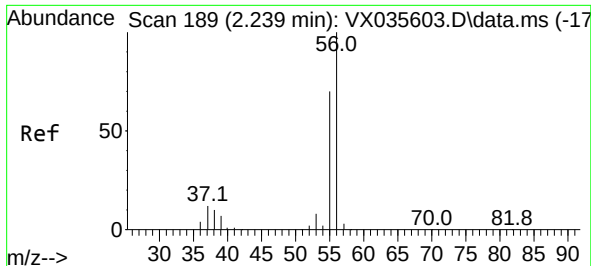


#12
1,1-Dichloroethene
Concen: 45.313 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



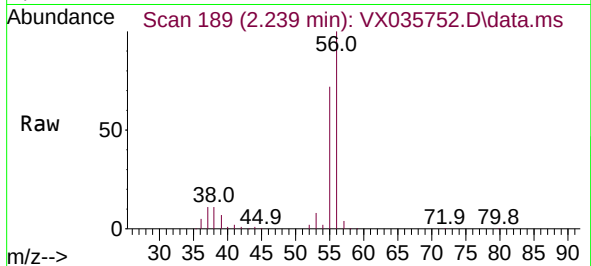
Tgt Ion: 96 Resp: 112739
Ion Ratio Lower Upper
96 100
61 184.8 128.8 193.2
98 61.8 51.4 77.0





#13
Acrolein
Concen: 163.801 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

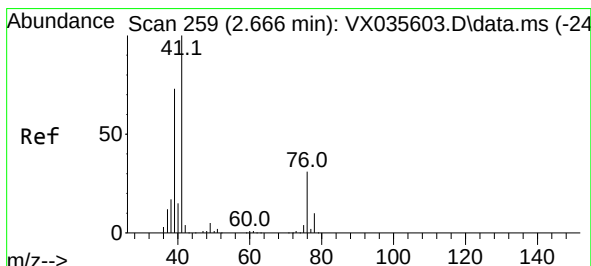
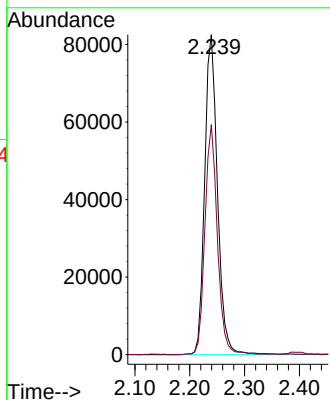
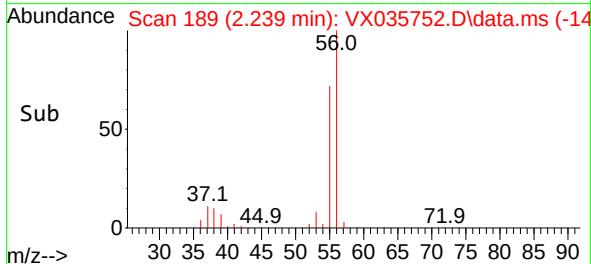
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 133683
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0

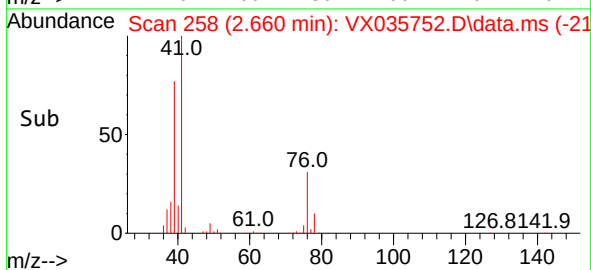
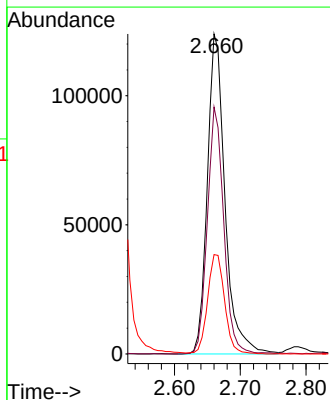
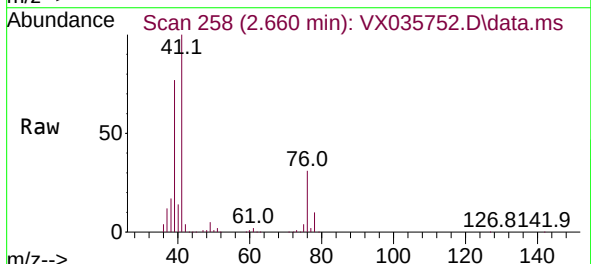
Manual Integrations
APPROVED

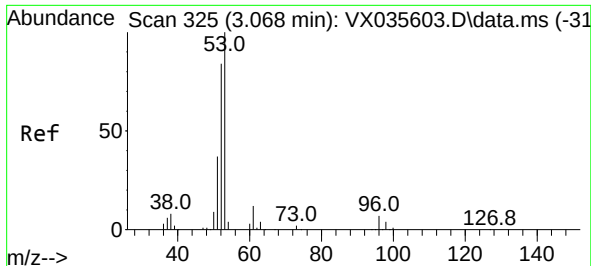
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#14
Allyl chloride
Concen: 43.555 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 41 Resp: 232155
Ion Ratio Lower Upper
41 100
39 71.4 52.4 78.6
76 30.0 26.0 39.0





#15

Acrylonitrile

Concen: 229.849 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

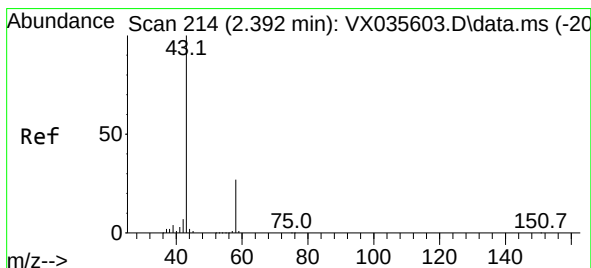
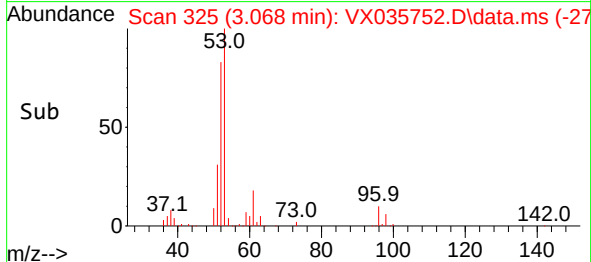
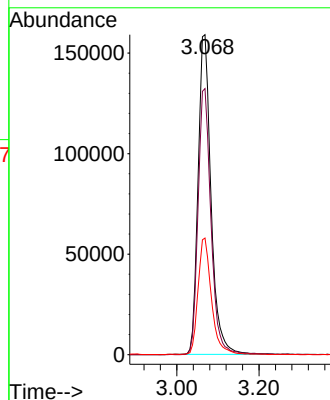
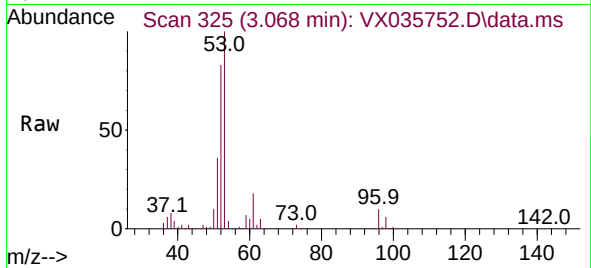
Tgt Ion: 53	Resp: 34803
Ion Ratio	Lower Upper
53	100
52	83.1 66.2 99.2
51	37.4 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#16

Acetone

Concen: 267.538 ug/l

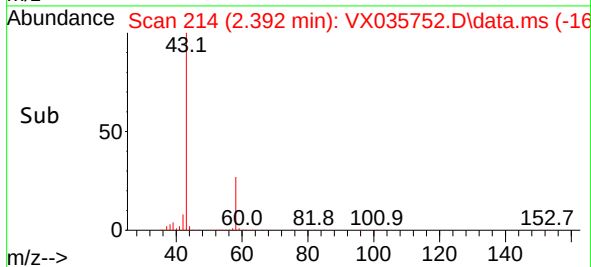
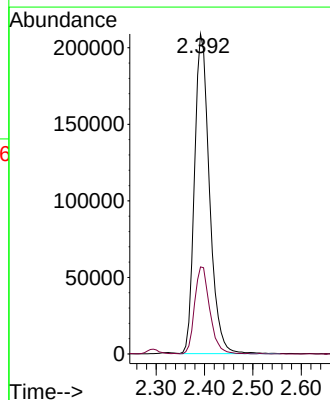
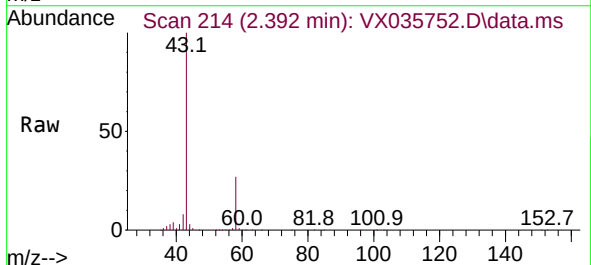
RT: 2.392 min Scan# 214

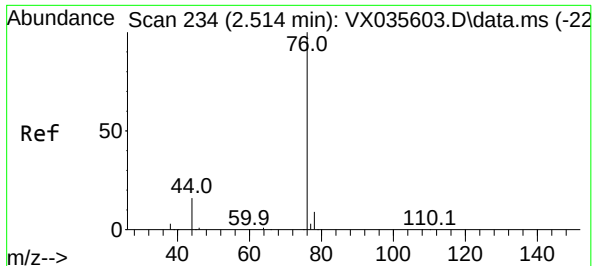
Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion: 43	Resp: 448164
Ion Ratio	Lower Upper
43	100
58	27.2 24.7 37.1





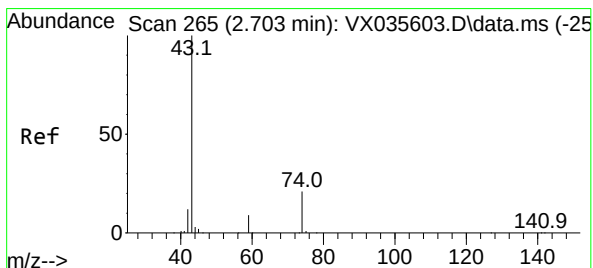
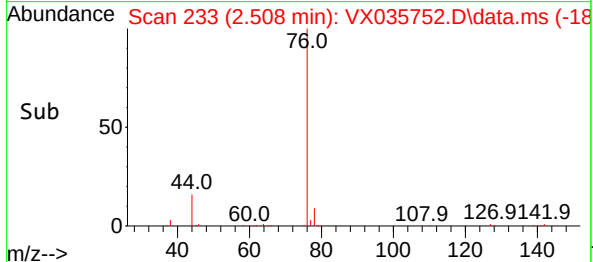
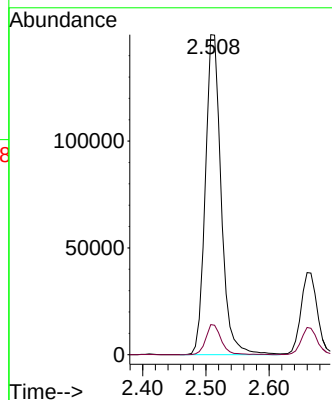
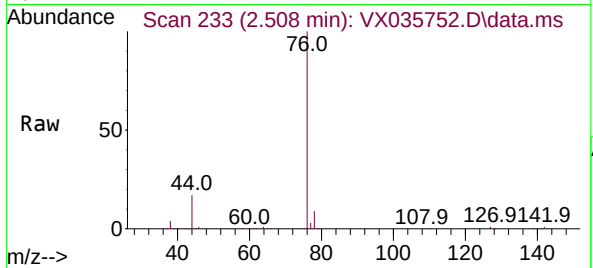
#17
Carbon Disulfide
Concen: 43.464 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 26098
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

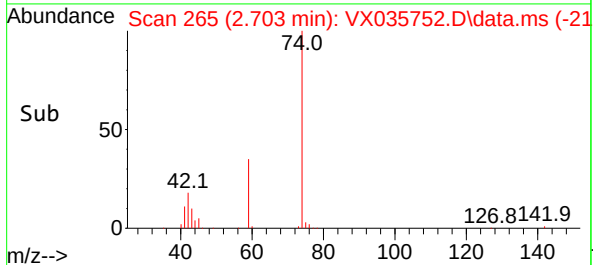
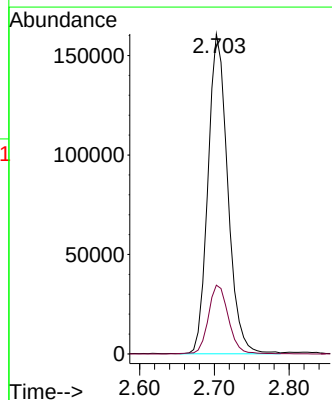
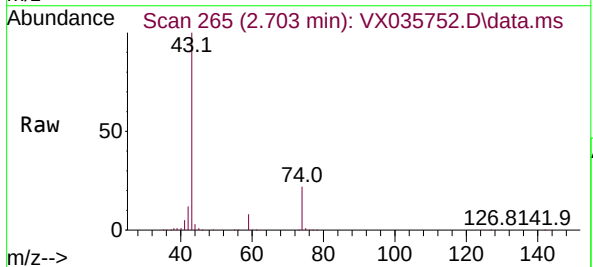
Manual Integrations
APPROVED

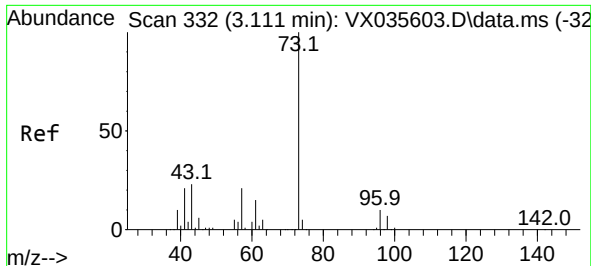
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#18
Methyl Acetate
Concen: 47.729 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 43 Resp: 294864
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5





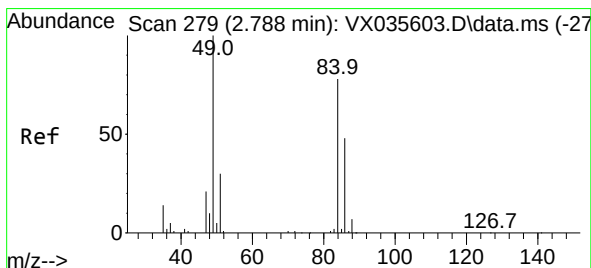
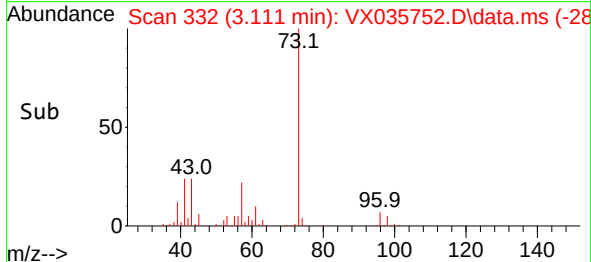
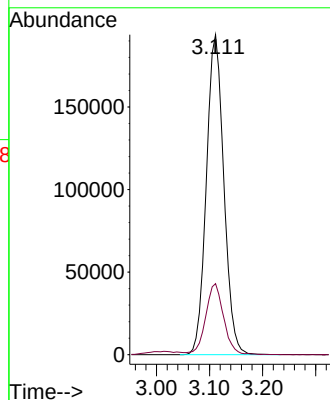
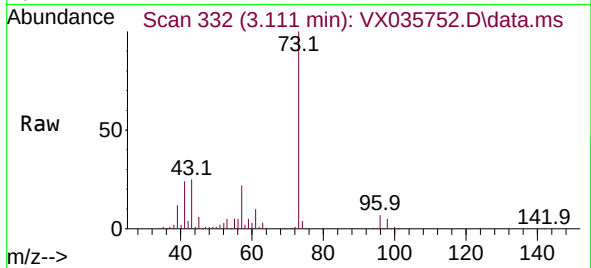
#19
Methyl tert-butyl Ether
Concen: 44.780 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 443340
Ion Ratio Lower Upper
73 100
57 22.2 18.5 27.7

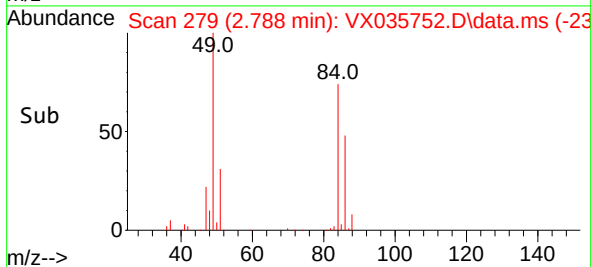
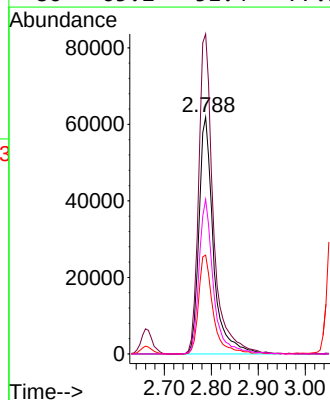
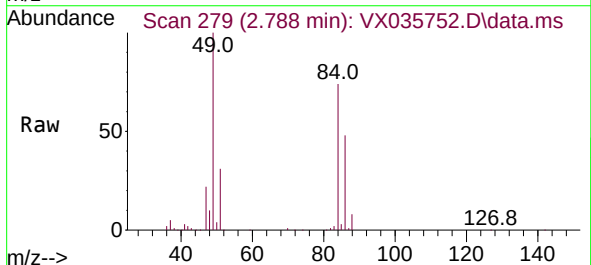
Manual Integrations
APPROVED

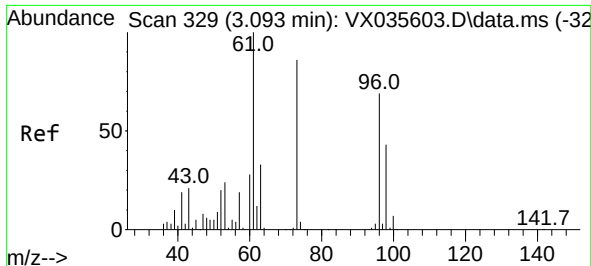
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#20
Methylene Chloride
Concen: 43.728 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

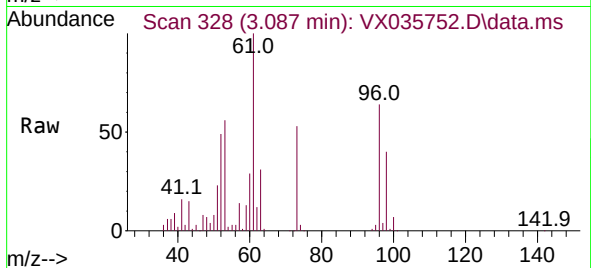
Tgt Ion: 84 Resp: 132756
Ion Ratio Lower Upper
84 100
49 135.1 103.8 155.8
51 41.7 31.8 47.8
86 65.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.282 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

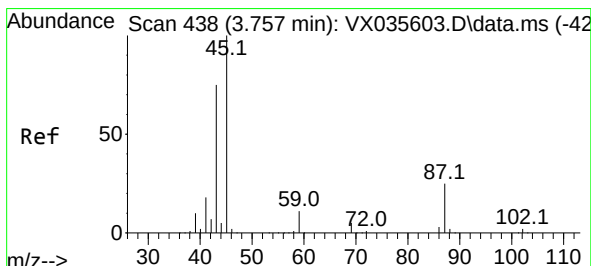
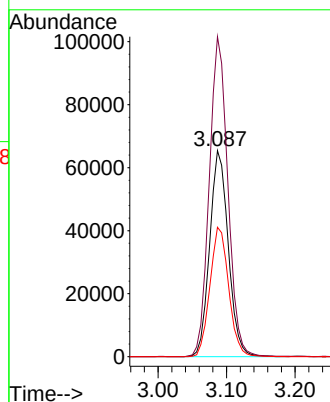
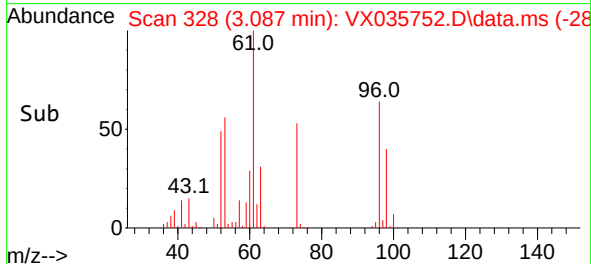
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 12345
Ion Ratio Lower Upper
96 100
61 155.3 113.0 169.6
98 62.8 52.1 78.1

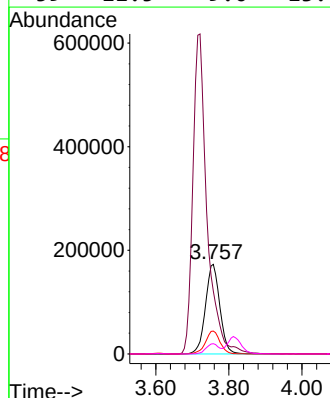
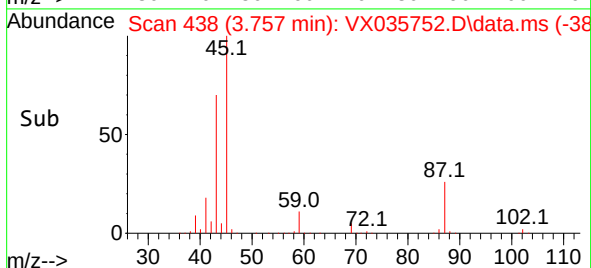
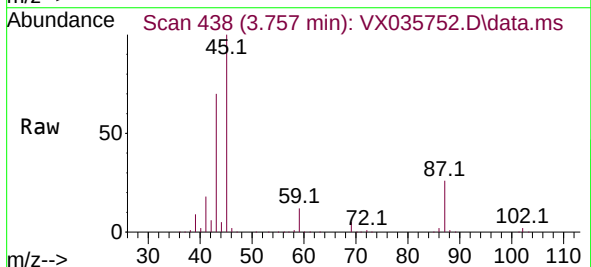
Manual Integrations
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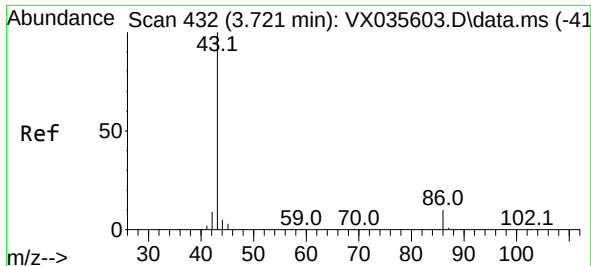
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#22
Diisopropyl ether
Concen: 45.080 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 45 Resp: 470458
Ion Ratio Lower Upper
45 100
43 69.9 65.4 98.2
87 25.6 20.6 31.0
59 11.5 9.0 13.6





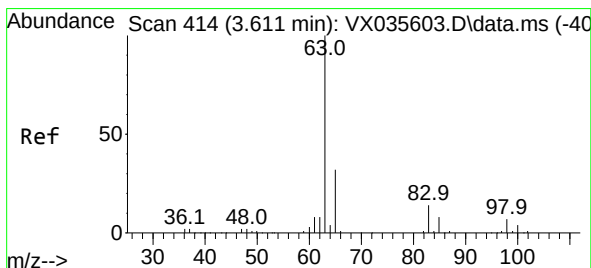
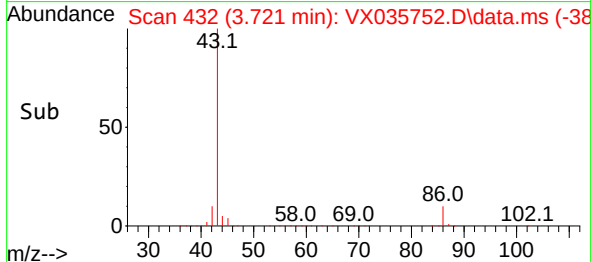
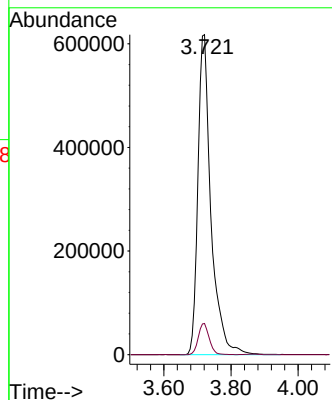
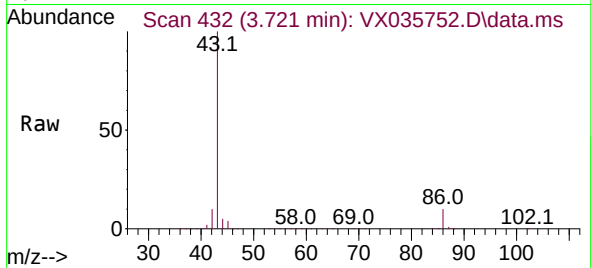
#23
 Vinyl Acetate
 Concen: 226.350 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1671419
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

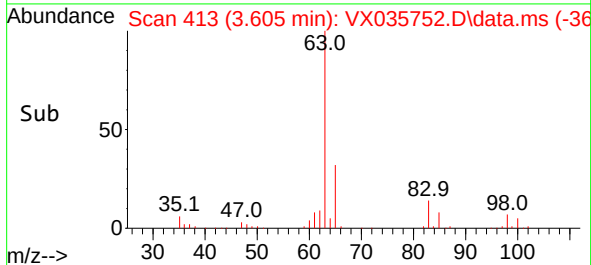
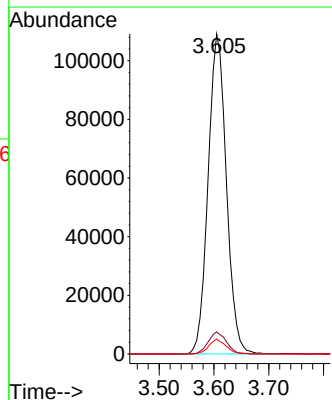
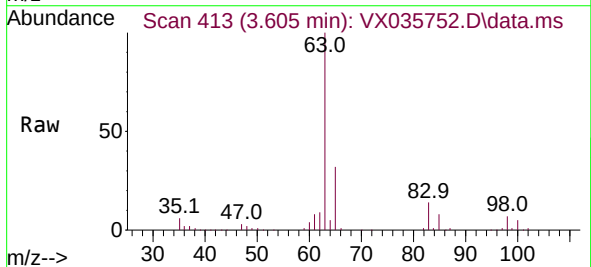
Manual Integrations
 APPROVED

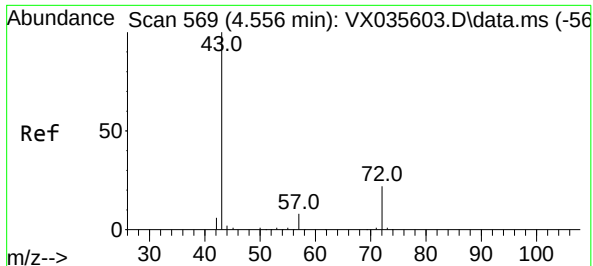
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#24
 1,1-Dichloroethane
 Concen: 45.183 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Tgt Ion: 63 Resp: 252186
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.7 2.4 7.1





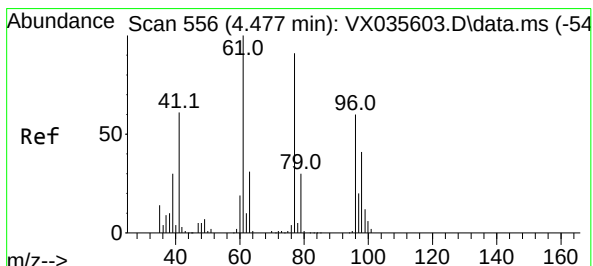
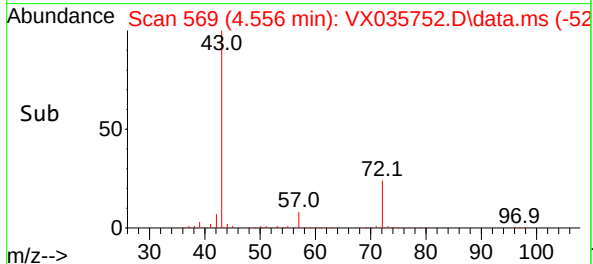
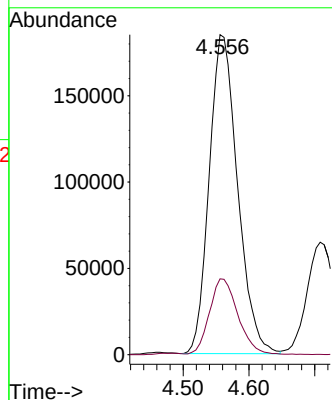
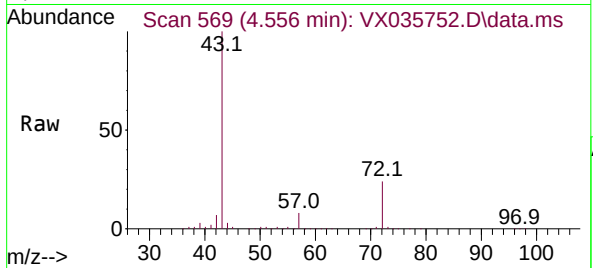
#25
2-Butanone
Concen: 239.018 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 554264
Ion Ratio Lower Upper
43 100
72 23.6 19.3 28.9

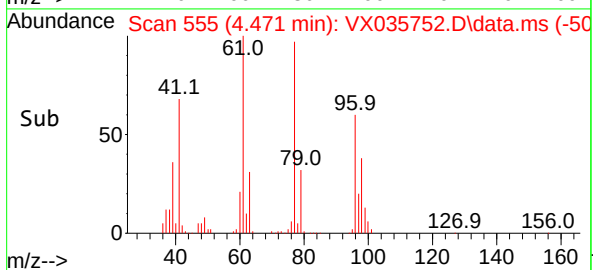
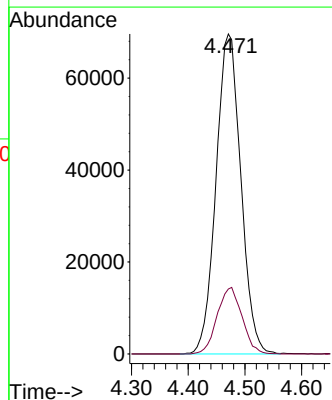
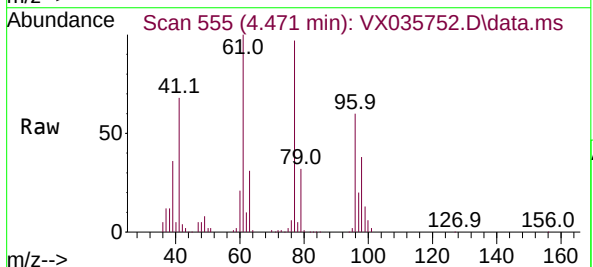
Manual Integrations
APPROVED

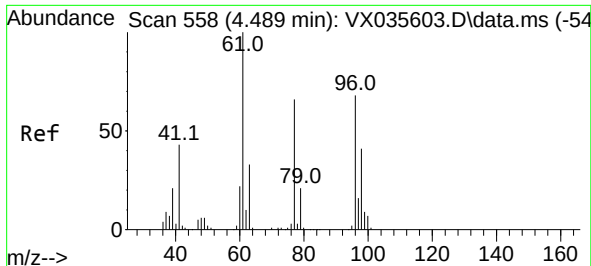
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#26
2,2-Dichloropropane
Concen: 44.808 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 77 Resp: 211786
Ion Ratio Lower Upper
77 100
97 20.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 45.212 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14817

Ion Ratio Lower Upper

96 100

61 161.6 0.0 300.4

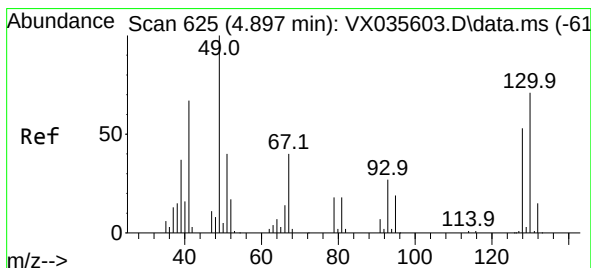
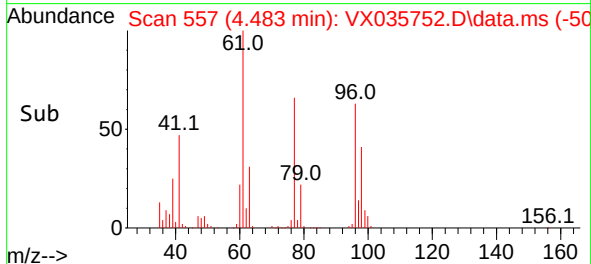
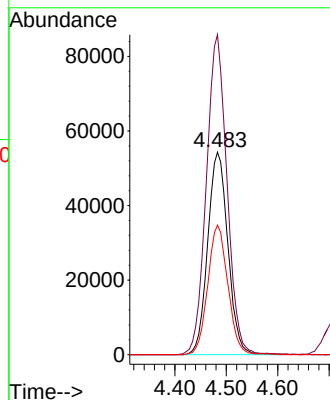
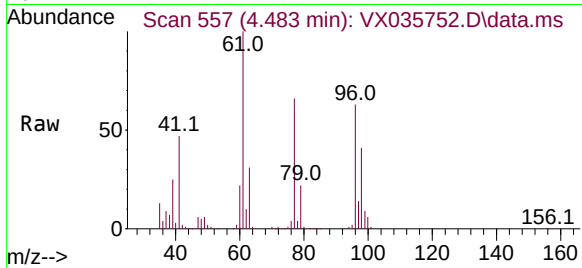
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#28

Bromochloromethane

Concen: 46.955 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

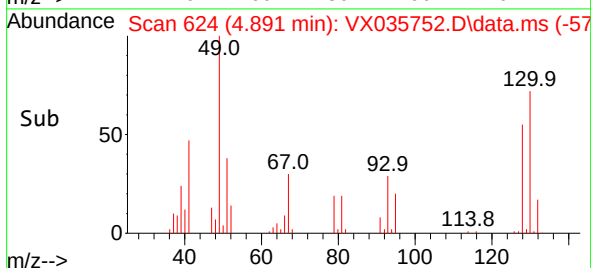
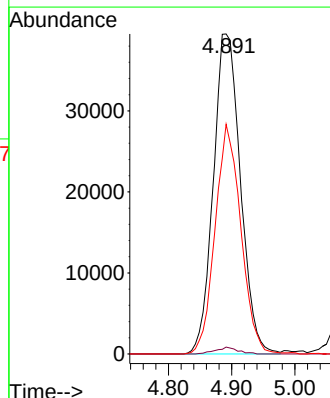
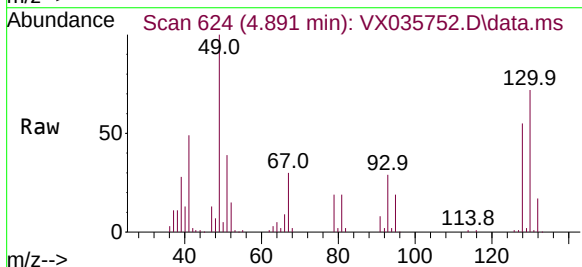
Tgt Ion: 49 Resp: 117880

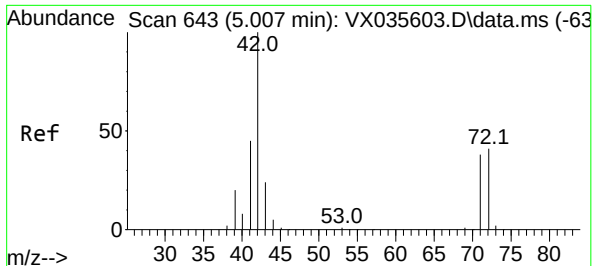
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 67.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 222.109 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

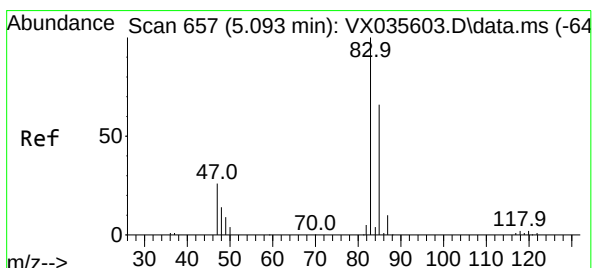
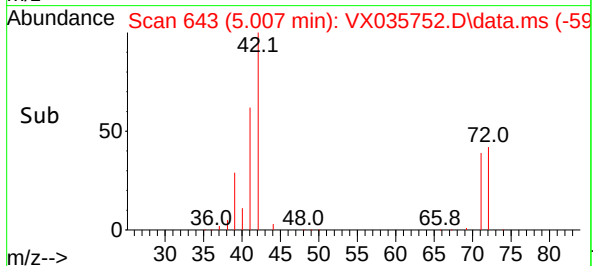
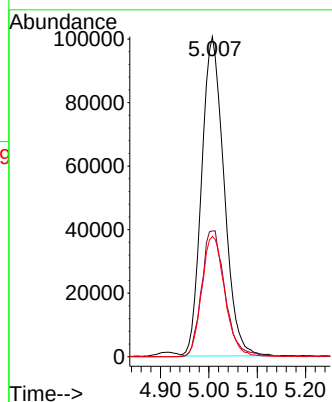
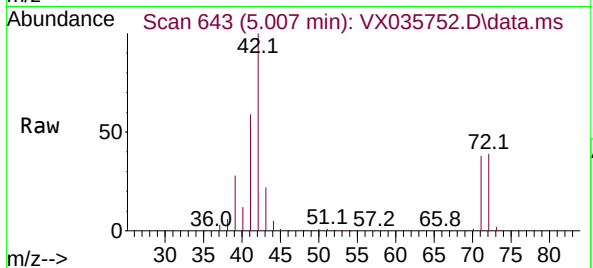
Tgt Ion:	42	Resp:	323729
Ion Ratio	Lower	Upper	
42	100		
72	41.4	34.5	51.7
71	38.7	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#30

Chloroform

Concen: 45.715 ug/l

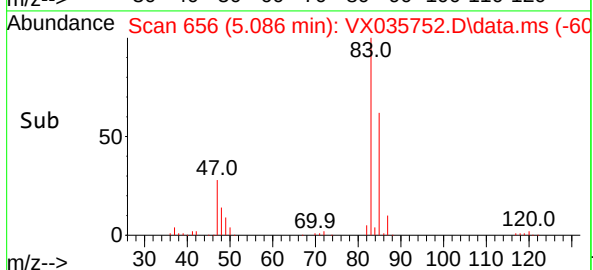
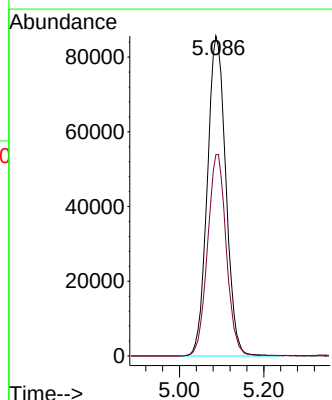
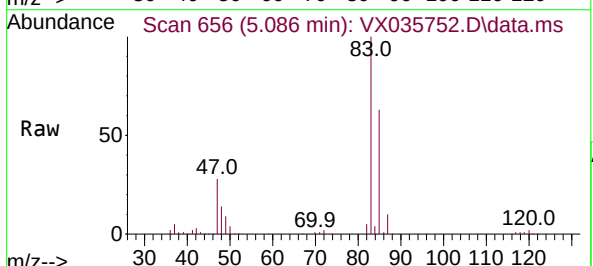
RT: 5.086 min Scan# 656

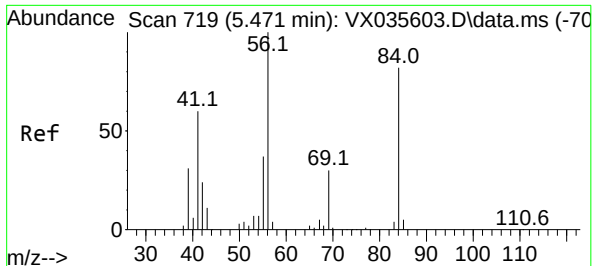
Delta R.T. -0.007 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

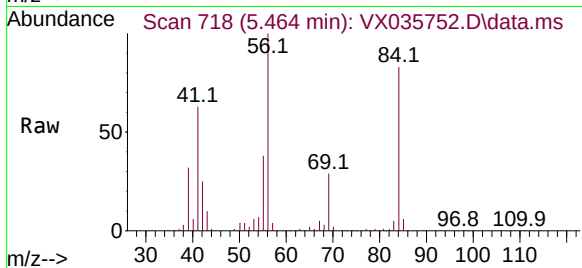
Tgt Ion:	83	Resp:	261461
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.6	76.0





#31
Cyclohexane
Concen: 45.995 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

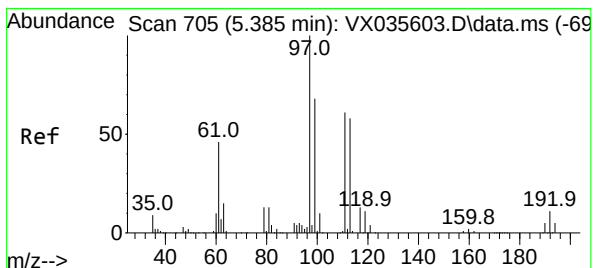
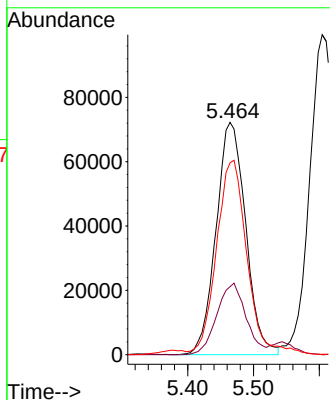
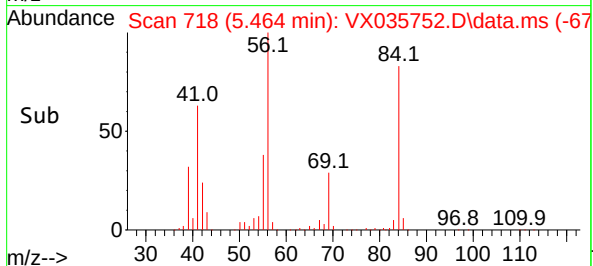
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 226490
Ion Ratio Lower Upper
56 100
69 29.3 23.7 35.5
84 80.9 68.5 102.7

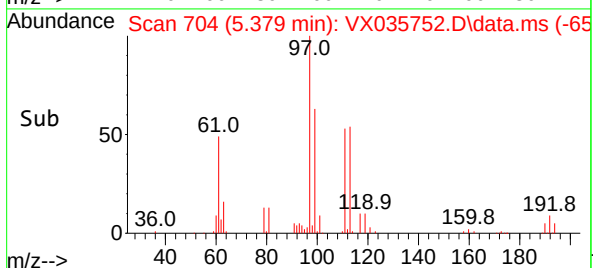
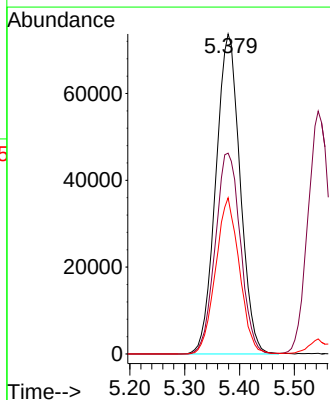
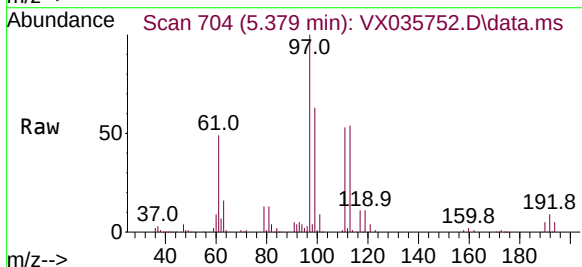
Manual Integrations
APPROVED

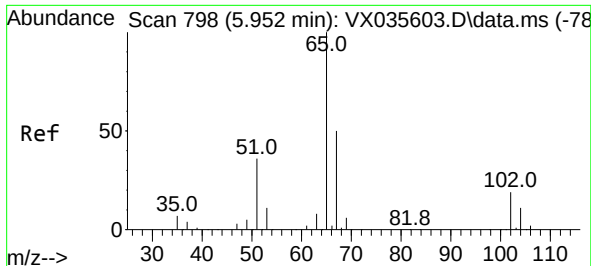
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#32
1,1,1-Trichloroethane
Concen: 45.604 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

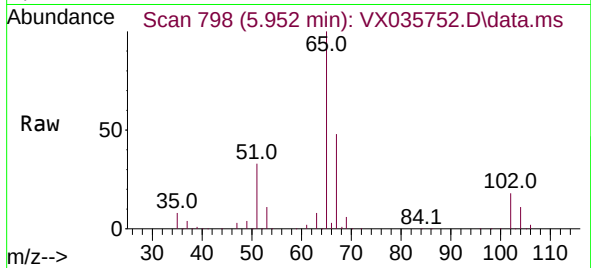
Tgt Ion: 97 Resp: 226938
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 47.8 36.5 54.7





#33
 1,2-Dichloroethane-d4
 Concen: 42.931 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

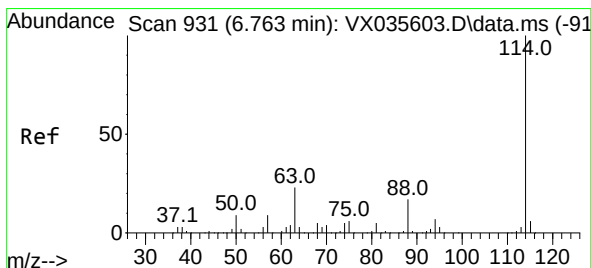
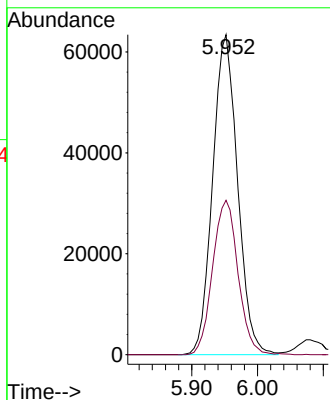
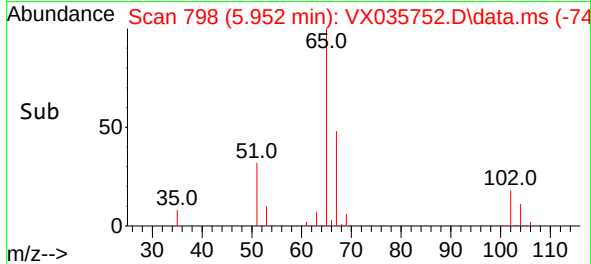
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 65 Resp: 167320
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 104.0

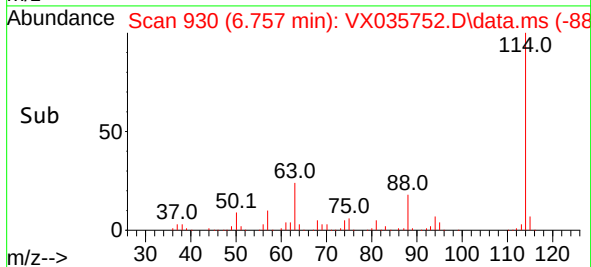
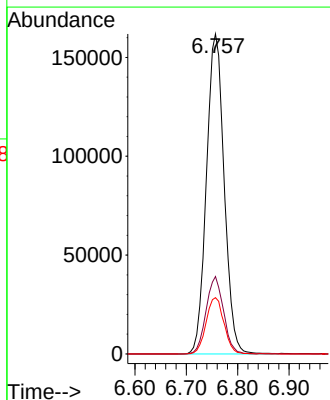
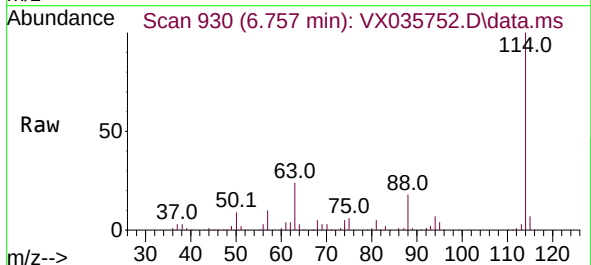
Manual Integrations
 APPROVED

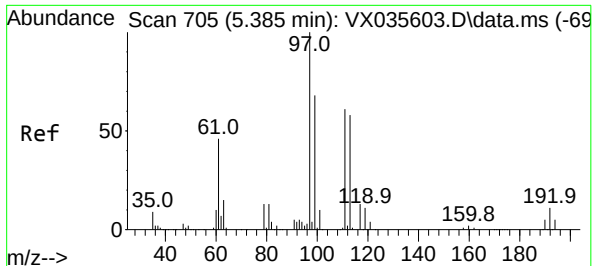
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

Tgt Ion:114 Resp: 387717
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 42.2
 88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.485 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035752.D

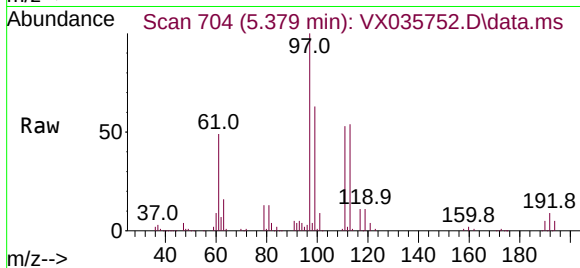
Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



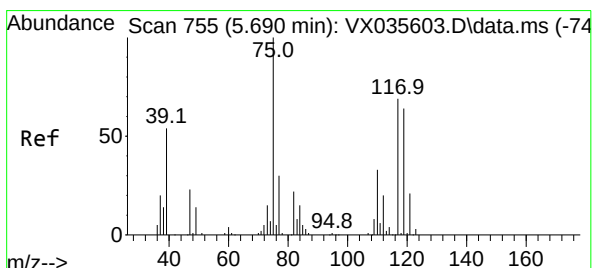
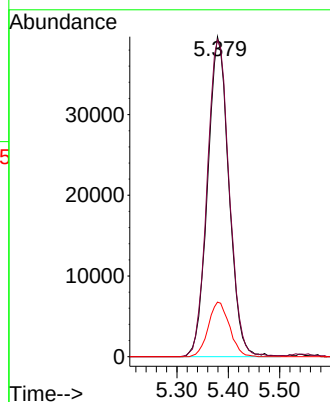
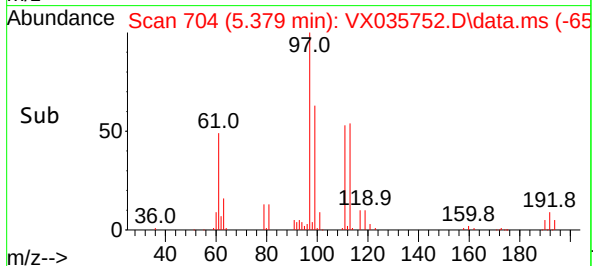
Tgt Ion:	113	Resp:	11370
Ion Ratio	Lower	Upper	
113	100		
111	102.9	83.7	125.5
192	17.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#36

1,1-Dichloropropene

Concen: 47.342 ug/l

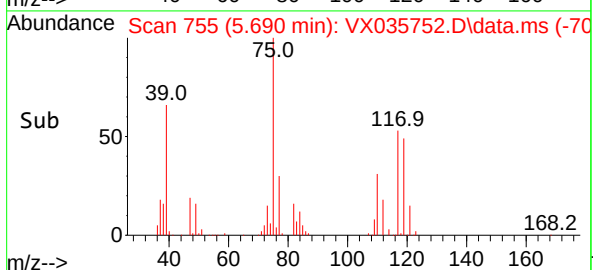
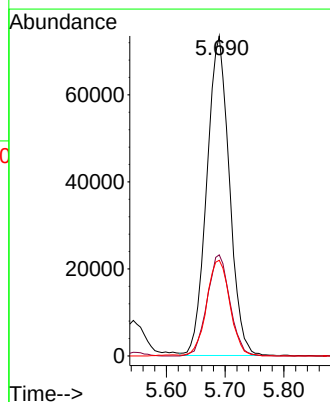
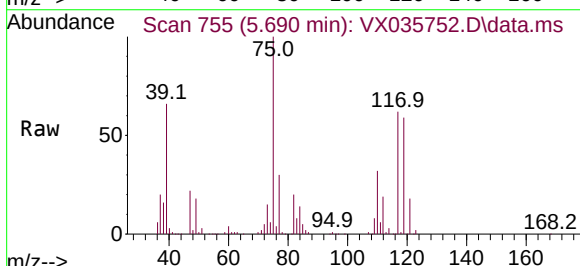
RT: 5.690 min Scan# 755

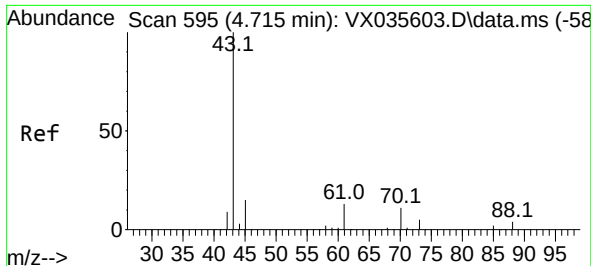
Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion:	75	Resp:	195395
Ion Ratio	Lower	Upper	
75	100		
110	32.0	17.5	52.5
77	31.0	24.3	36.5





#37

Ethyl Acetate

Concen: 45.476 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 19577

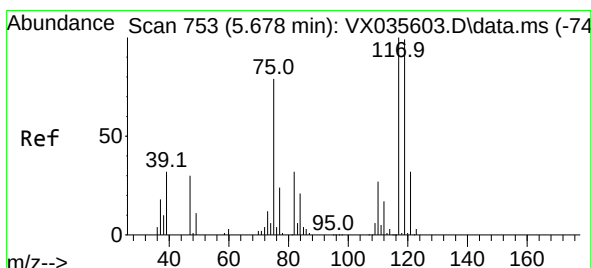
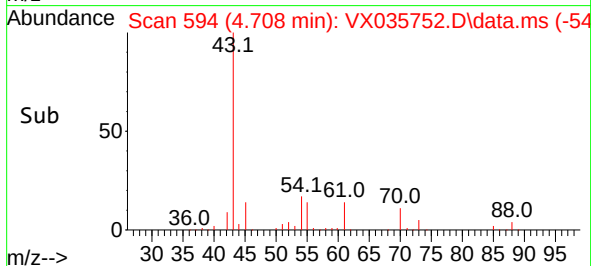
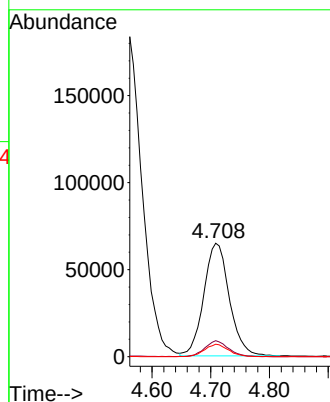
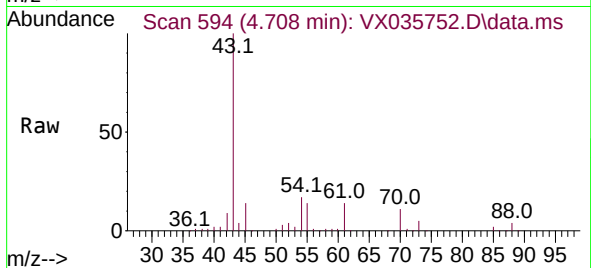
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.2	15.4
70	10.3	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#38

Carbon Tetrachloride

Concen: 48.445 ug/l

RT: 5.672 min Scan# 752

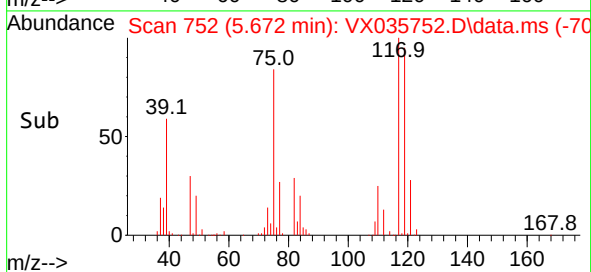
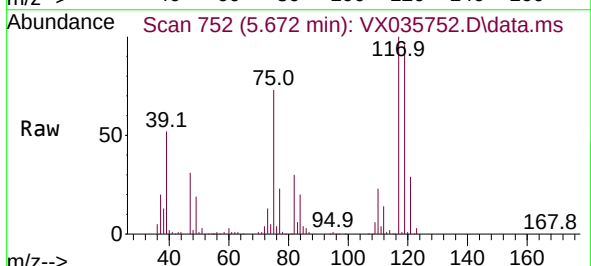
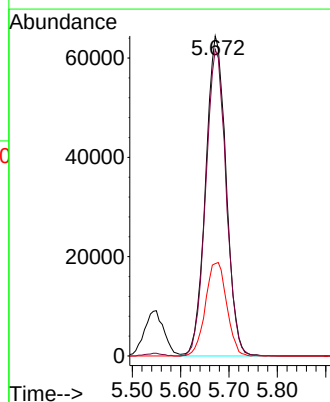
Delta R.T. -0.006 min

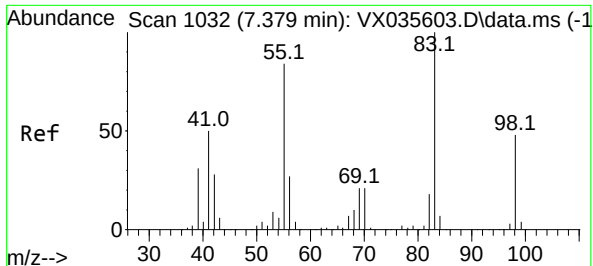
Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion:117 Resp: 189406

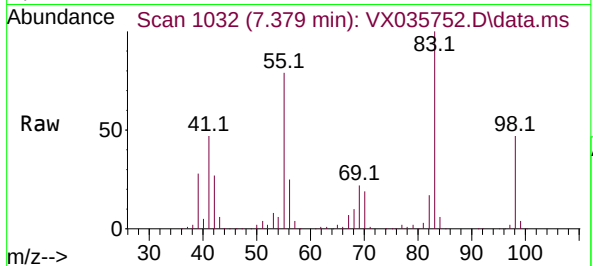
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.6	114.8
121	28.8	23.8	35.6





#39
Methylcyclohexane
Concen: 48.134 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

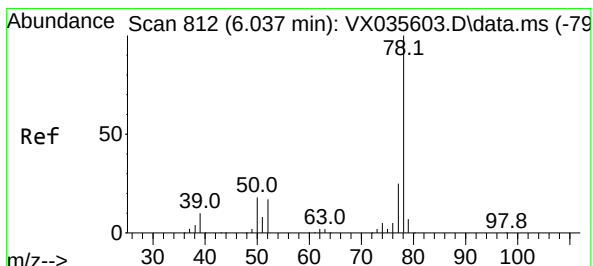
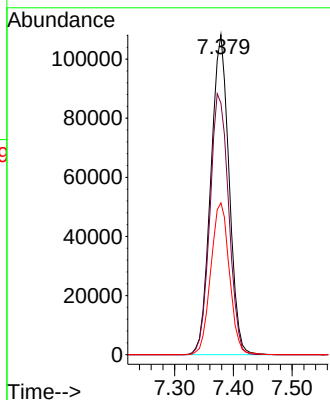
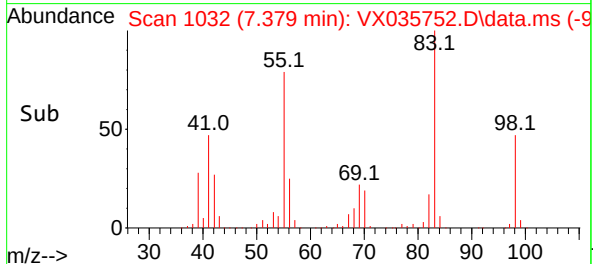
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 233854
Ion Ratio Lower Upper
83 100
55 78.6 60.5 90.7
98 47.5 40.4 60.6

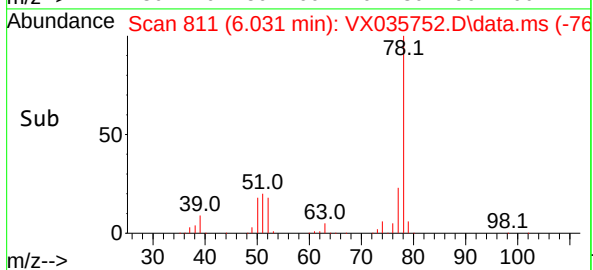
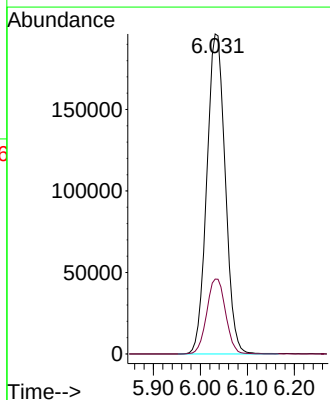
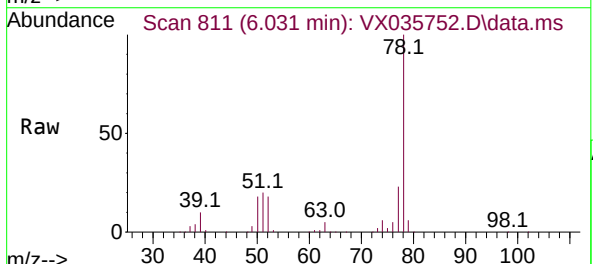
Manual Integrations
APPROVED

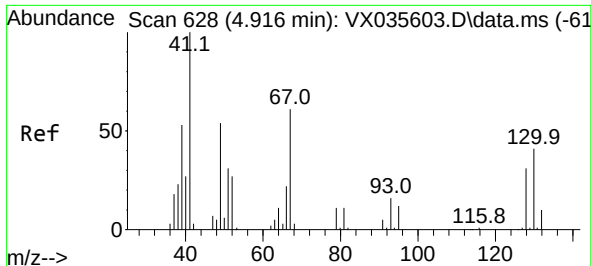
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#40
Benzene
Concen: 46.144 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

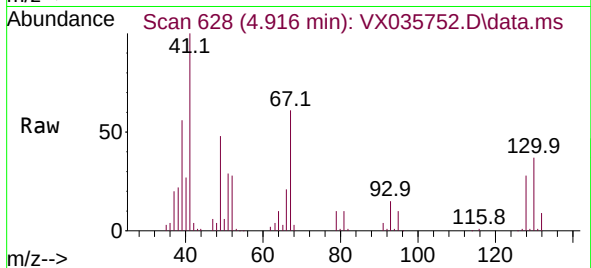
Tgt Ion: 78 Resp: 532788
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 46.000 ug/l
RT: 4.916 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

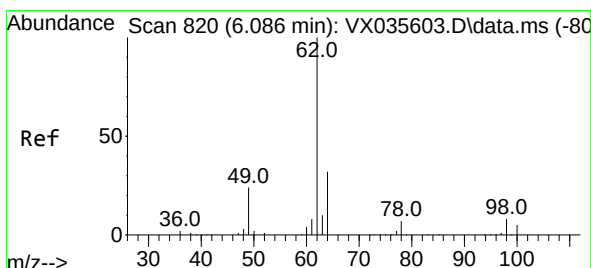
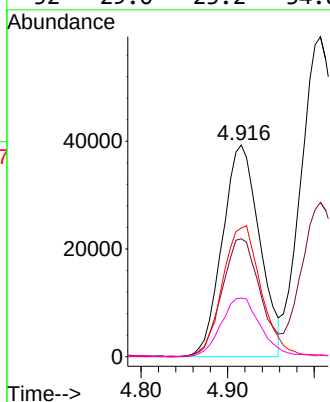
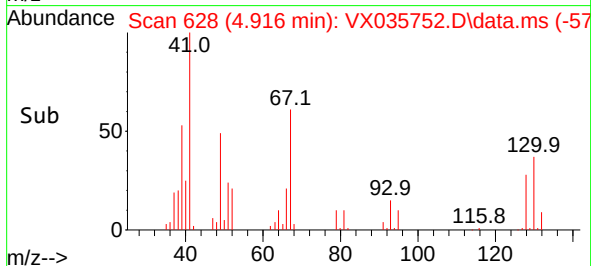
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 117579
Ion Ratio Lower Upper
41 100
39 57.0 45.0 67.6
67 64.3 55.6 83.4
52 29.0 23.2 34.8

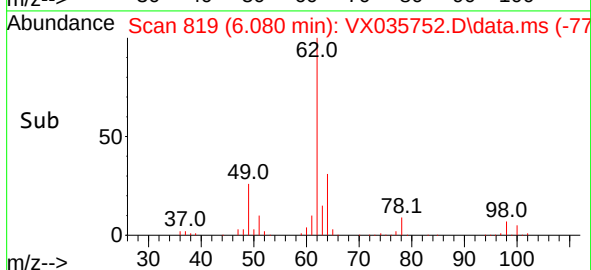
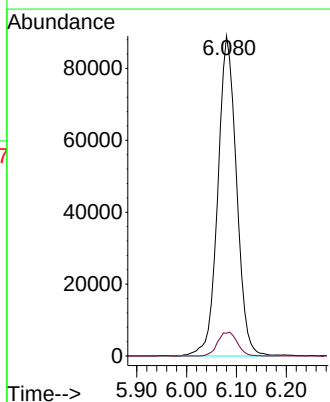
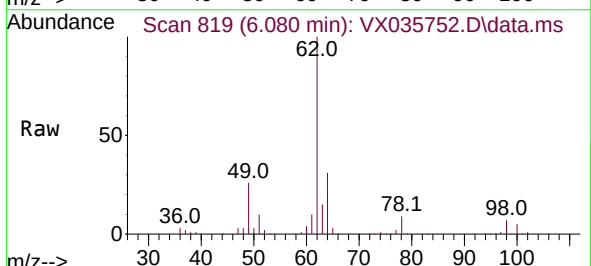
Manual Integrations
APPROVED

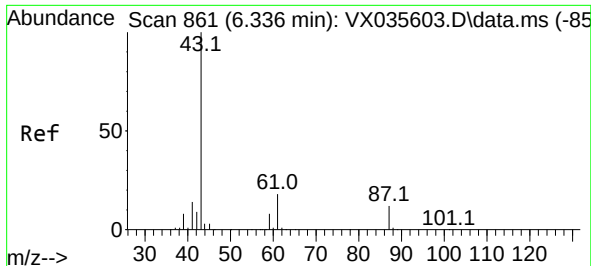
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#42
1,2-Dichloroethane
Concen: 46.670 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 62 Resp: 231798
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 45.542 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 341874

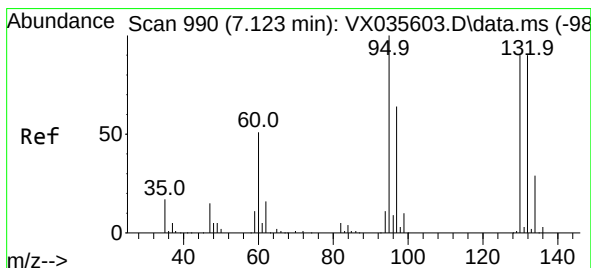
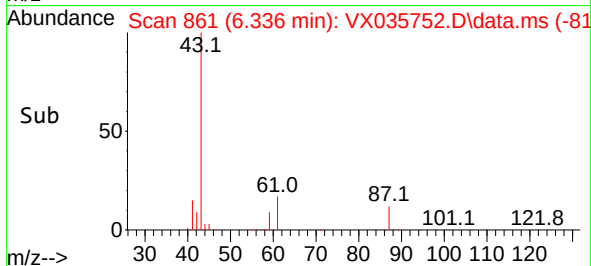
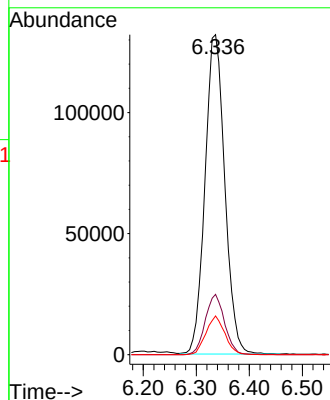
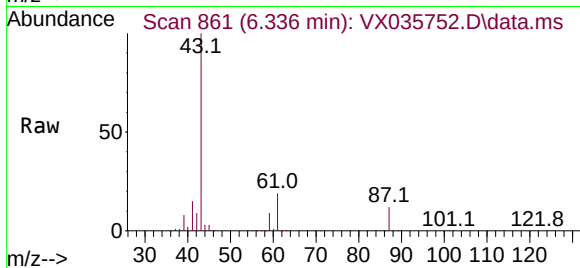
Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.2	22.8
87	11.6	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#44

Trichloroethene

Concen: 45.724 ug/l

RT: 7.123 min Scan# 990

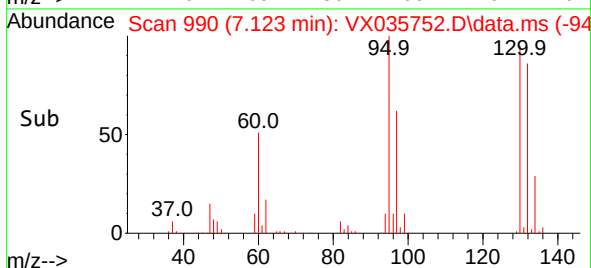
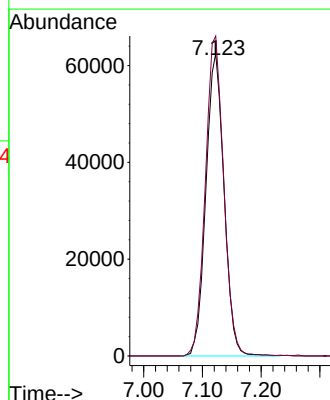
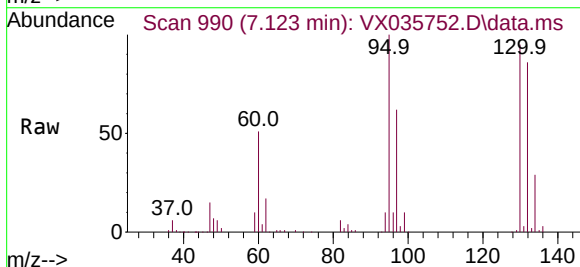
Delta R.T. -0.000 min

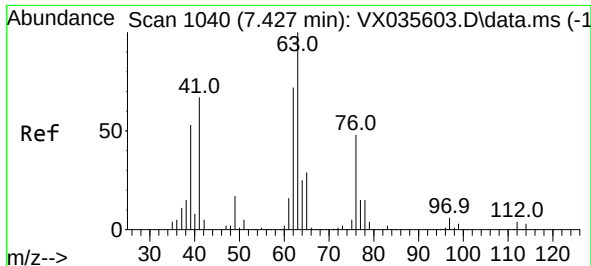
Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion:130 Resp: 133864

Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	198.4





#45

1,2-Dichloropropane

Concen: 46.517 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 142240

Ion Ratio Lower Upper

63 100

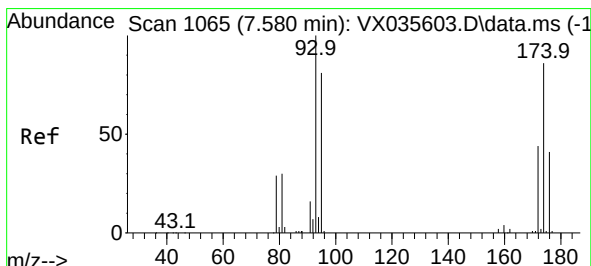
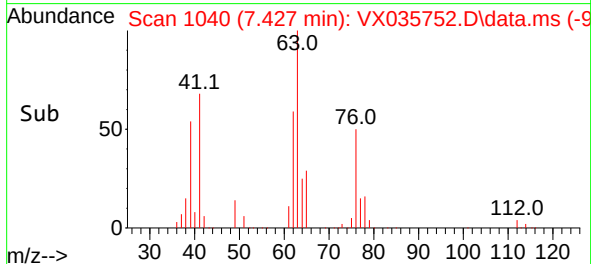
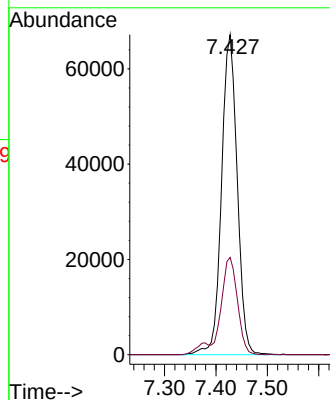
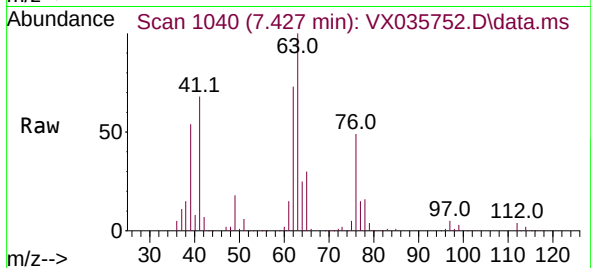
65 30.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#46

Dibromomethane

Concen: 47.083 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

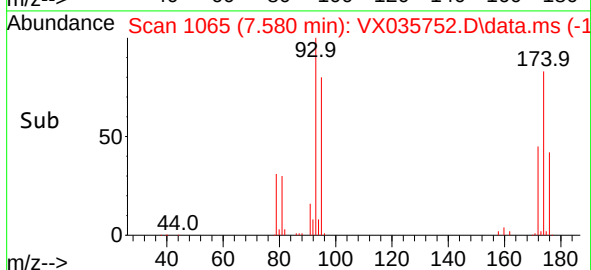
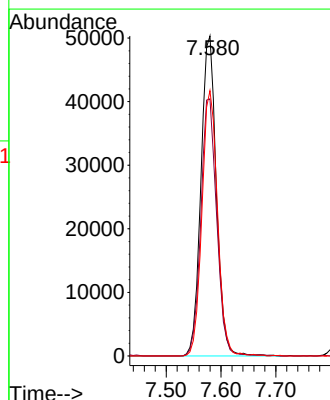
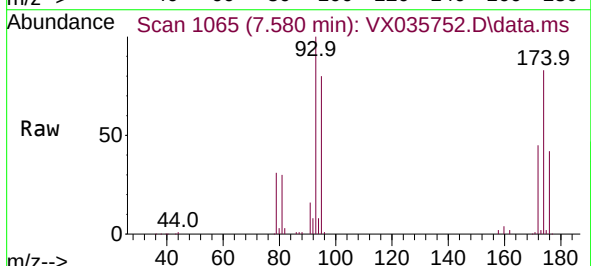
Tgt Ion: 93 Resp: 98553

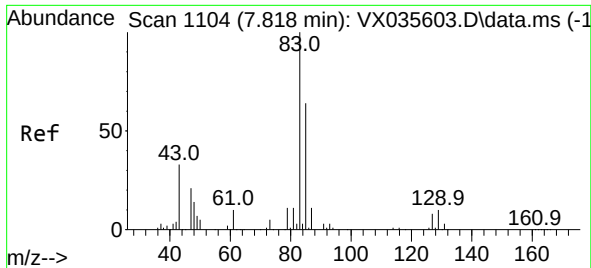
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

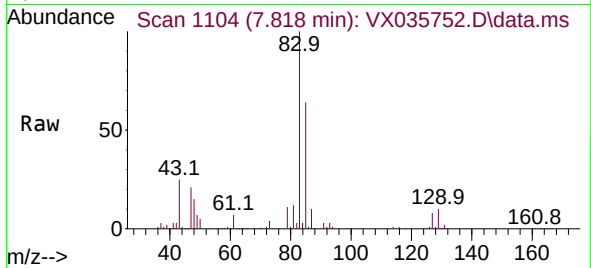
174 83.4 75.4 113.0





#47
Bromodichloromethane
Concen: 47.493 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

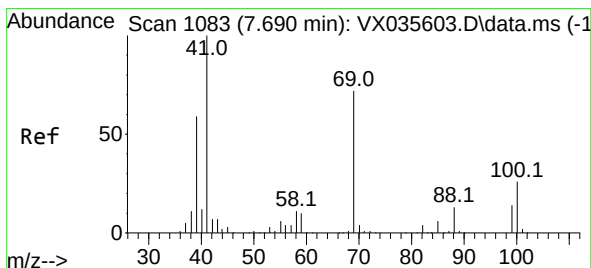
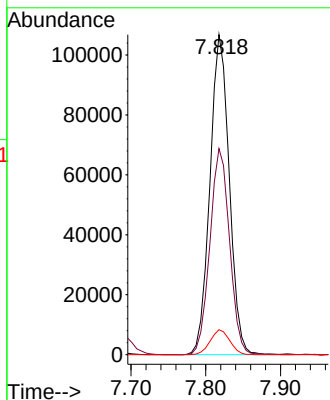
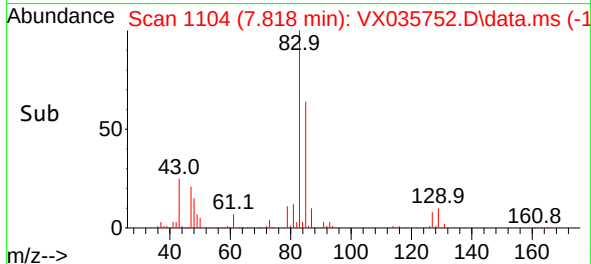
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



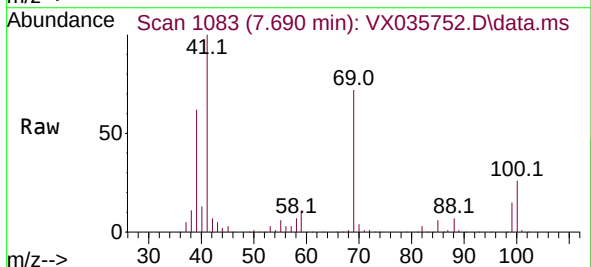
Tgt Ion: 83 Resp: 192150
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 7.8 6.6 9.8

Manual Integrations
APPROVED

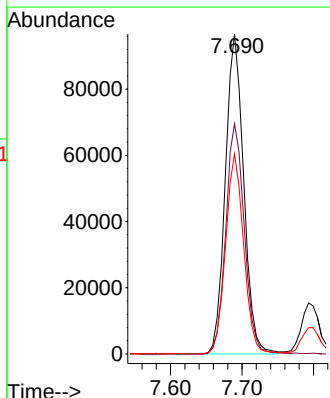
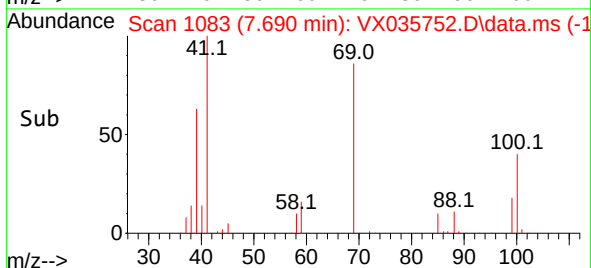
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

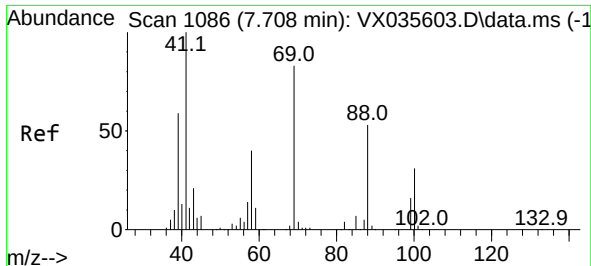


#48
Methyl methacrylate
Concen: 46.498 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion: 41 Resp: 172261
Ion Ratio Lower Upper
41 100
69 72.6 62.2 93.4
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 708.926 ug/l

RT: 7.720 min Scan# 1086

Delta R.T. 0.012 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5458

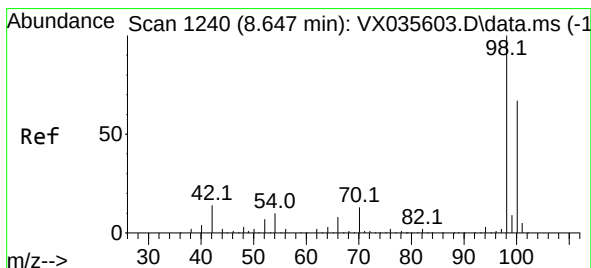
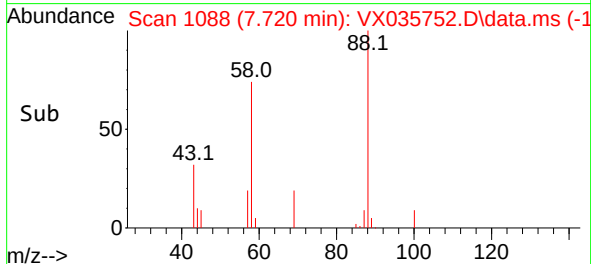
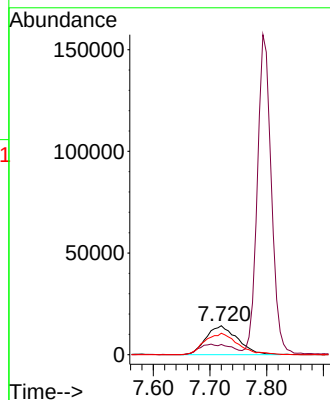
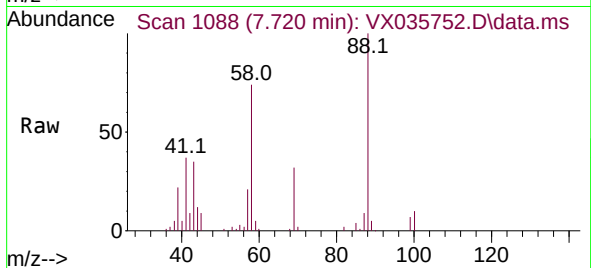
Ion	Ratio	Lower	Upper
88	100		
43	21.3	27.7	41.5
58	78.4	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#50

Toluene-d8

Concen: 42.866 ug/l

RT: 8.647 min Scan# 1240

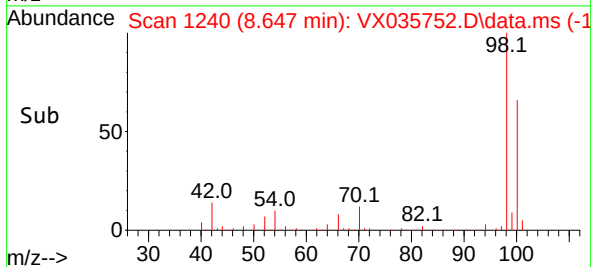
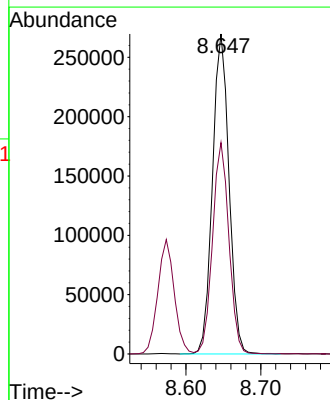
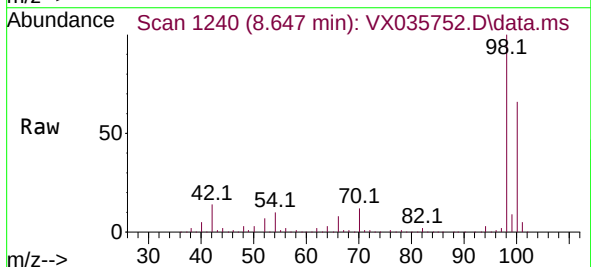
Delta R.T. -0.000 min

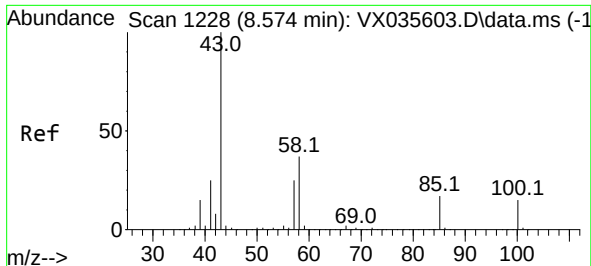
Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion: 98 Resp: 414062

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





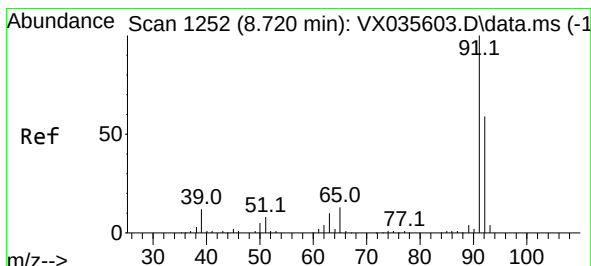
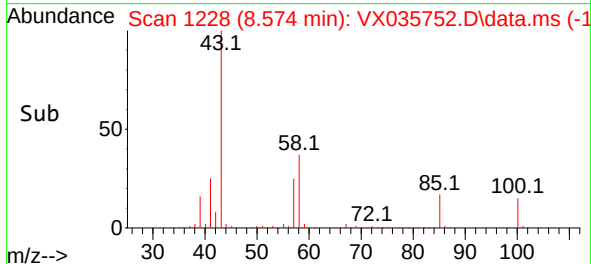
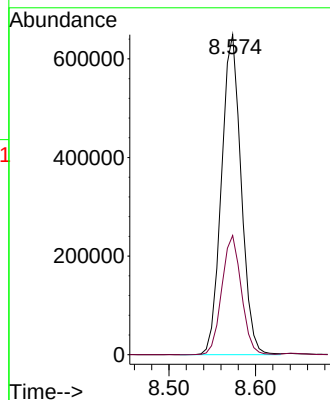
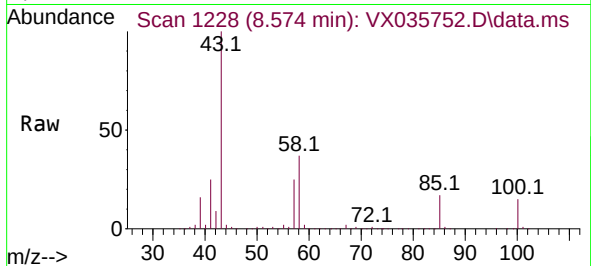
#51
4-Methyl-2-Pentanone
Concen: 236.568 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1023084
Ion Ratio Lower Upper
43 100
58 37.0 30.6 46.0

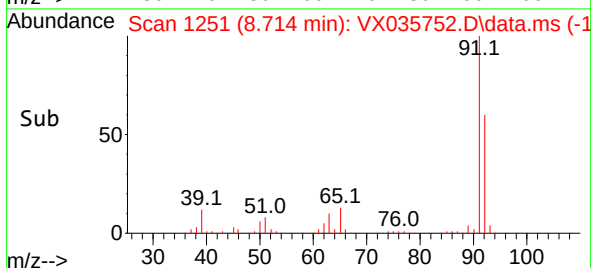
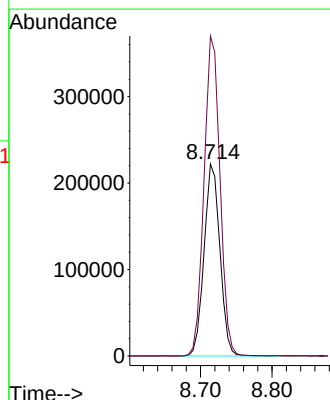
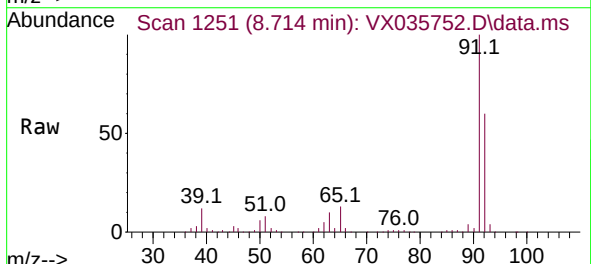
Manual Integrations
APPROVED

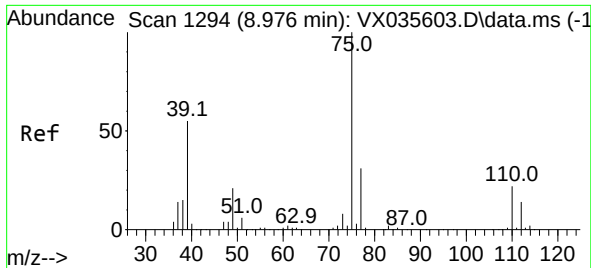
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#52
Toluene
Concen: 46.867 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 92 Resp: 341581
Ion Ratio Lower Upper
92 100
91 168.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 48.435 ug/l

RT: 8.976 min Scan# 11290

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 21290

Ion Ratio Lower Upper

75 100

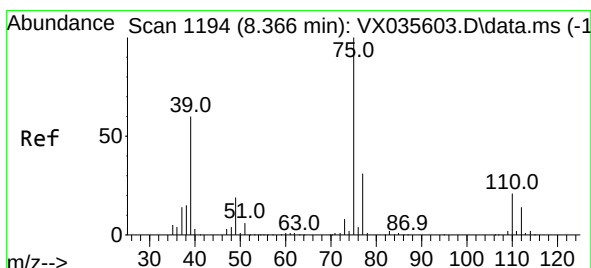
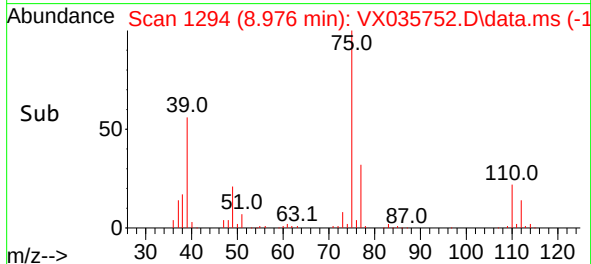
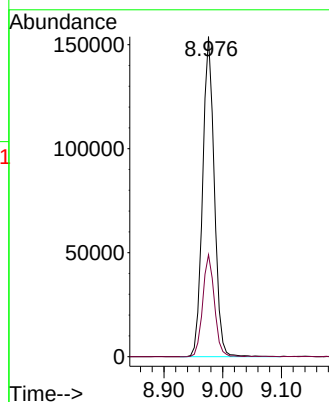
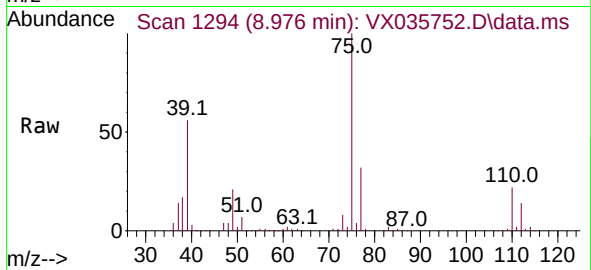
77 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#54

cis-1,3-Dichloropropene

Concen: 48.658 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

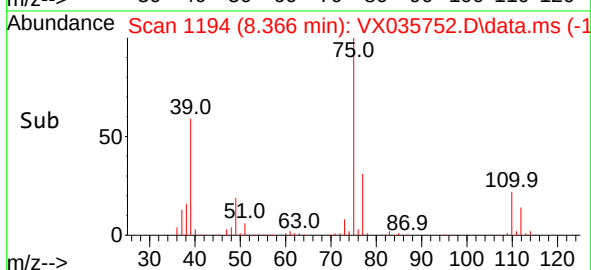
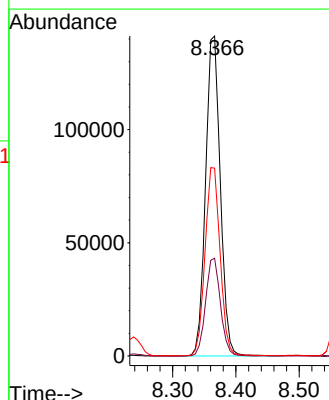
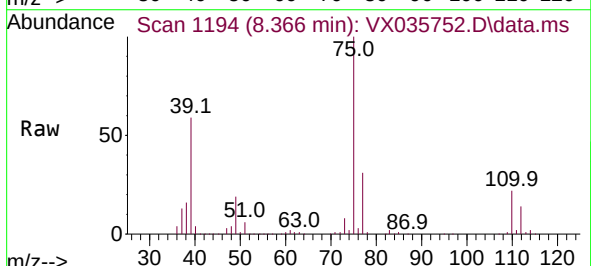
Tgt Ion: 75 Resp: 229153

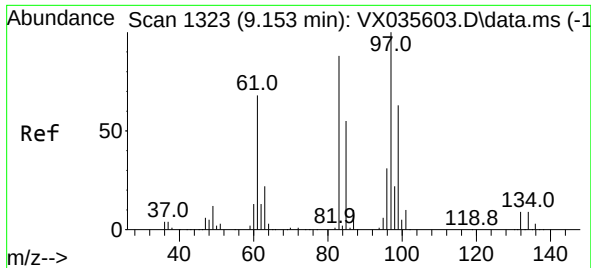
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

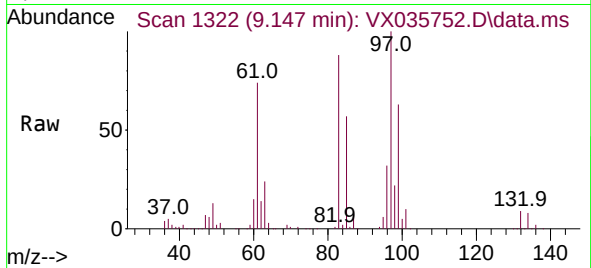
39 58.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 46.715 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

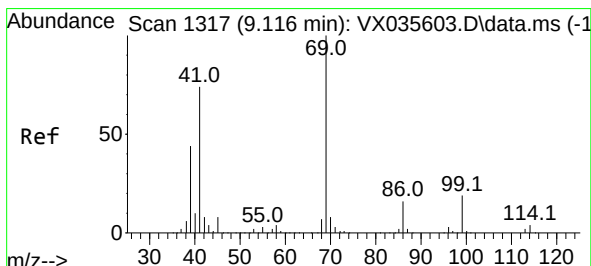
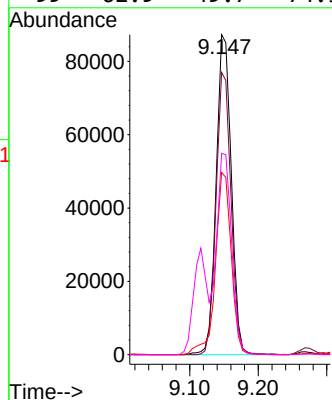
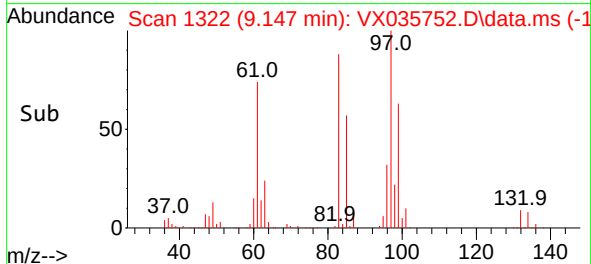
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



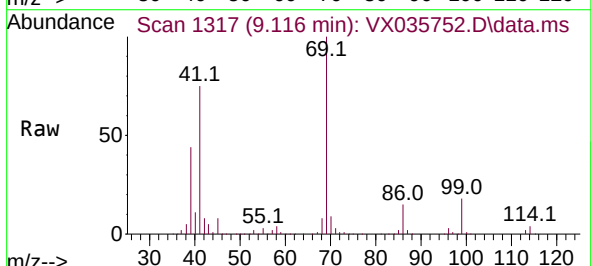
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.7	104.5
85	57.0	43.7	65.5
99	62.9	49.7	74.5

Manual Integrations
APPROVED

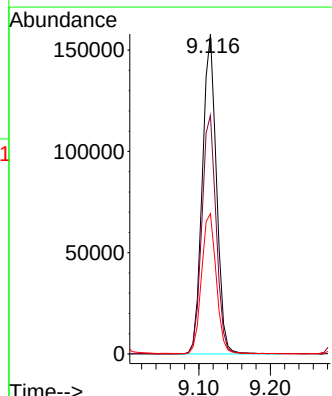
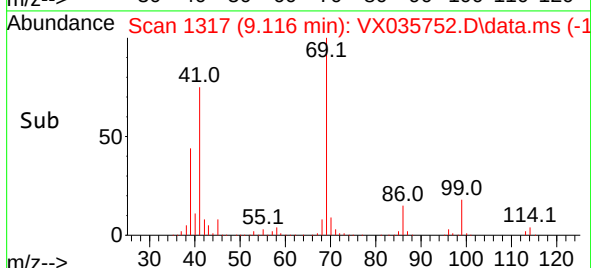
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

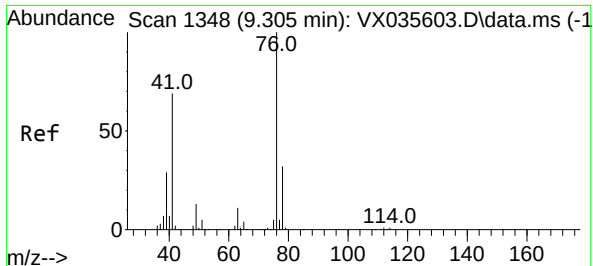


#56
Ethyl methacrylate
Concen: 46.680 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.3	57.4	86.0
39	45.5	33.7	50.5





#57

1,3-Dichloropropane

Concen: 46.403 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24080

Ion Ratio Lower Upper

76 100

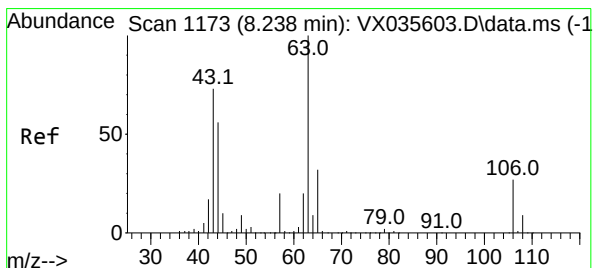
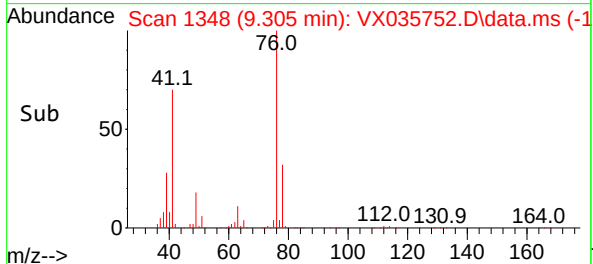
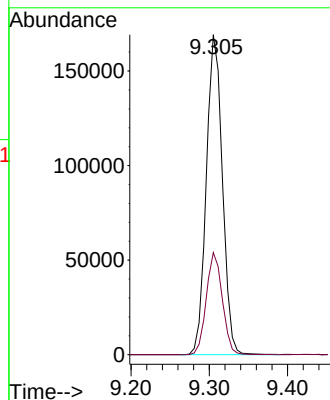
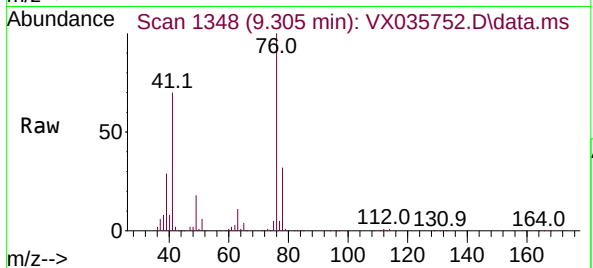
78 31.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 223.370 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035752.D

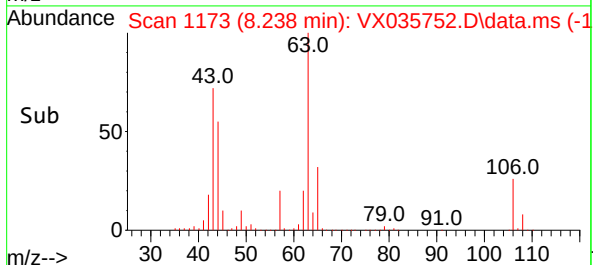
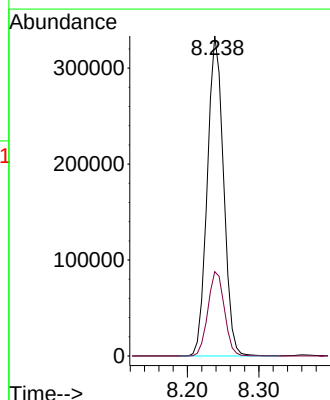
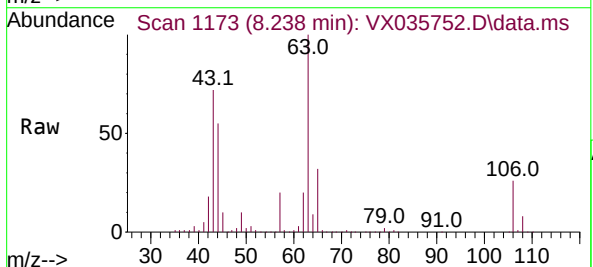
Acq: 19 May 2023 09:05

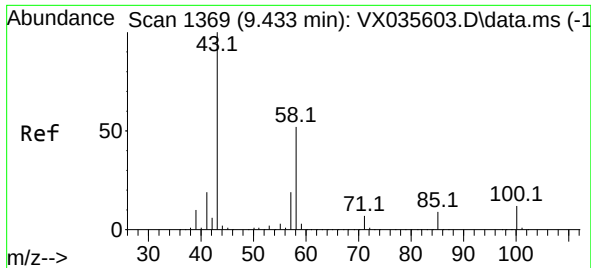
Tgt Ion: 63 Resp: 526772

Ion Ratio Lower Upper

63 100

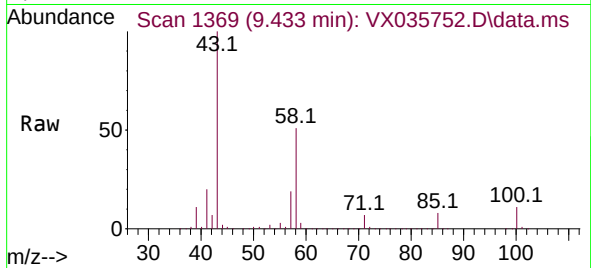
106 26.7 22.2 33.2





#59
2-Hexanone
Concen: 244.742 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

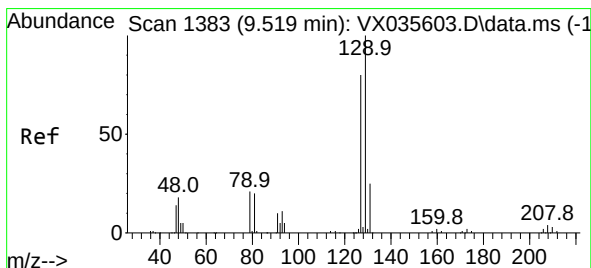
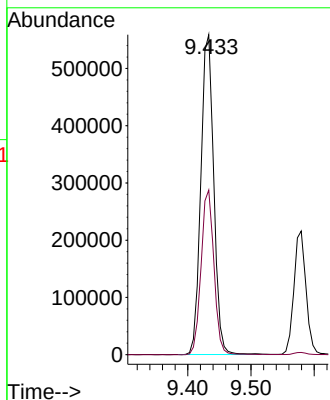
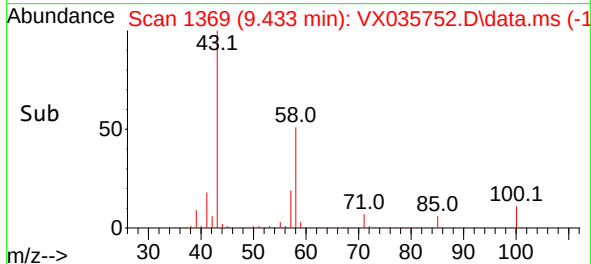
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 797102
Ion Ratio Lower Upper
43 100
58 51.0 26.3 78.9

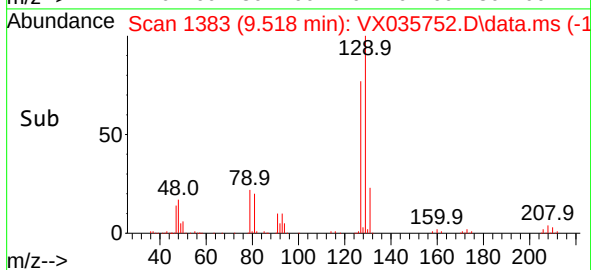
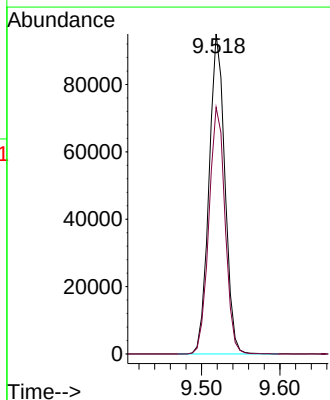
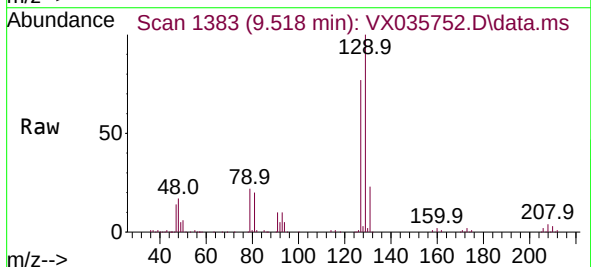
Manual Integrations
APPROVED

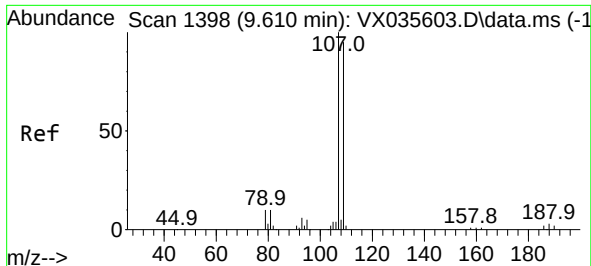
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#60
Dibromochloromethane
Concen: 48.823 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.001 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

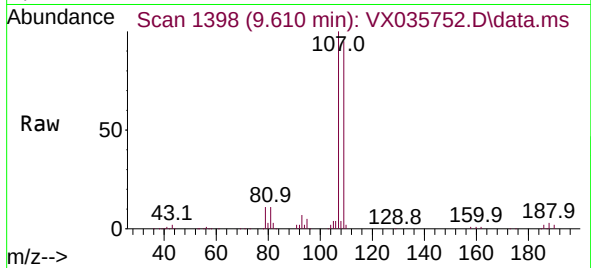
Tgt Ion:129 Resp: 133223
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.995 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

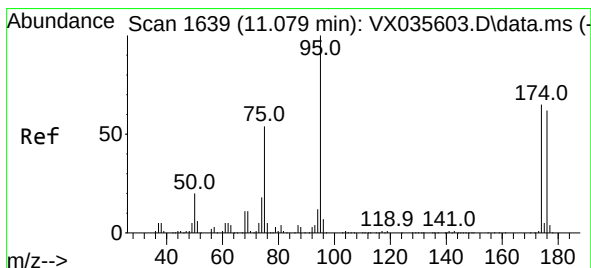
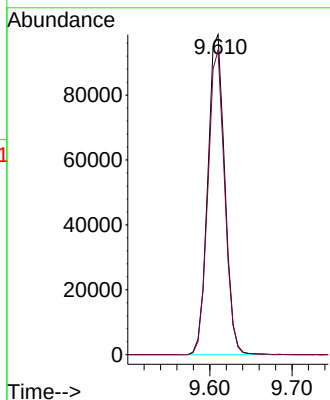
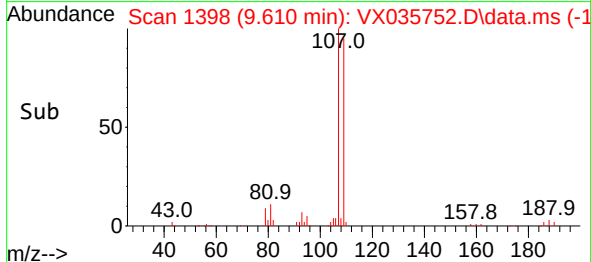
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 141740
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9

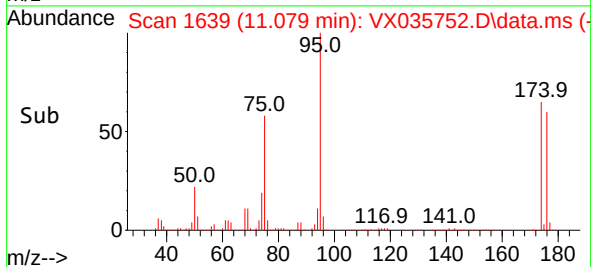
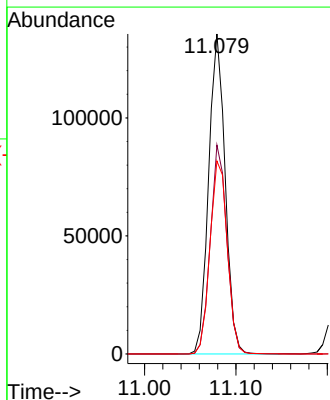
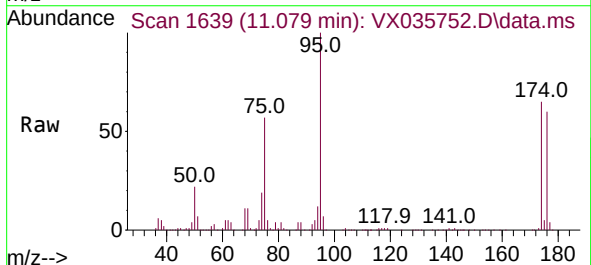
Manual Integrations
APPROVED

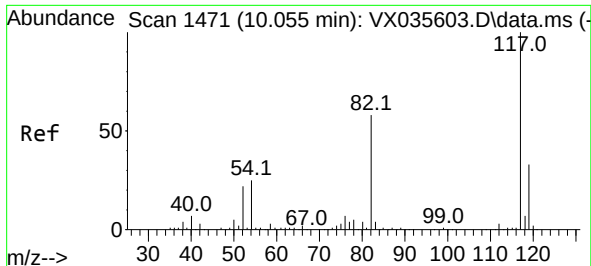
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#62
4-Bromofluorobenzene
Concen: 43.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

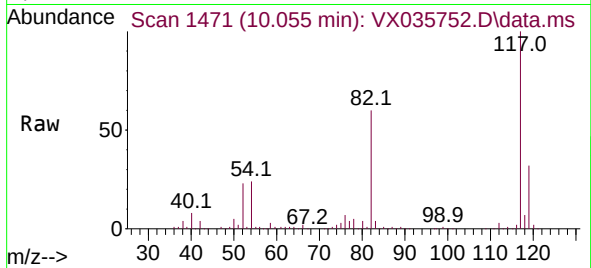
Tgt Ion: 95 Resp: 169402
Ion Ratio Lower Upper
95 100
174 65.4 0.0 147.4
176 63.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

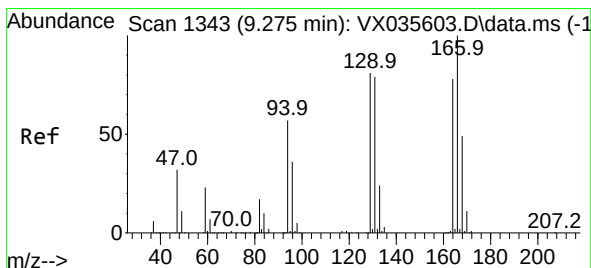
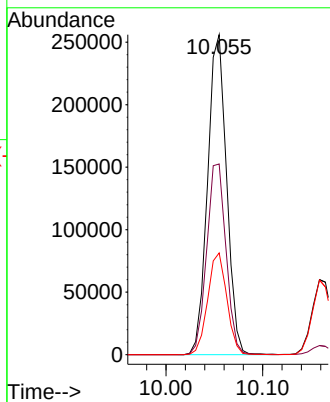
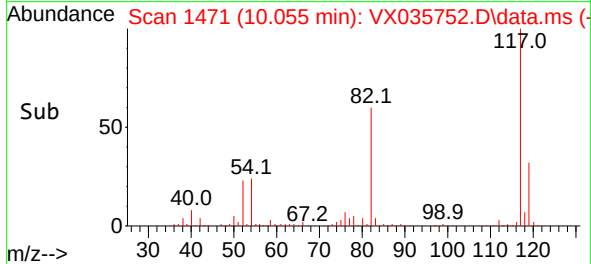
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 349784
Ion Ratio Lower Upper
117 100
82 59.6 45.0 67.4
119 31.8 26.0 39.0

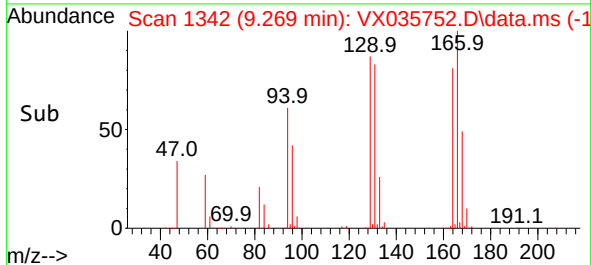
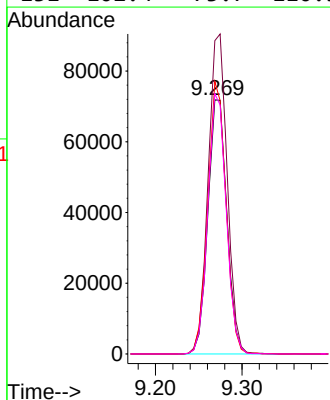
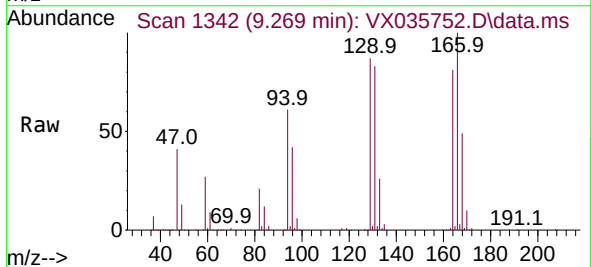
Manual Integrations
APPROVED

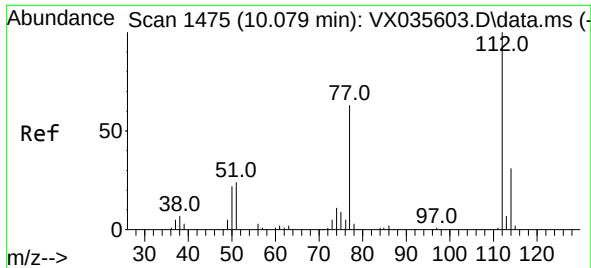
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#64
Tetrachloroethene
Concen: 46.305 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

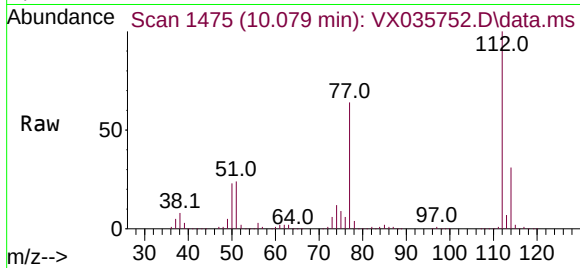
Tgt Ion:164 Resp: 109042
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 107.2 75.6 113.4
131 102.4 73.7 110.5





#65
Chlorobenzene
Concen: 46.019 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

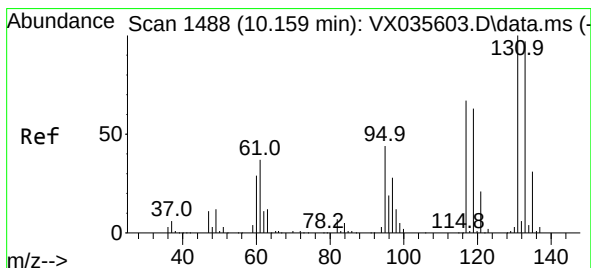
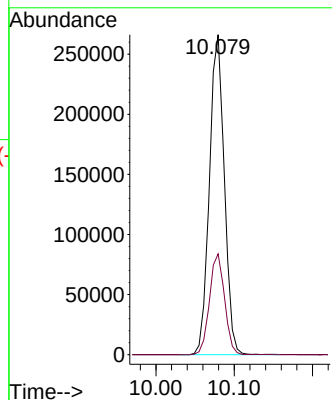
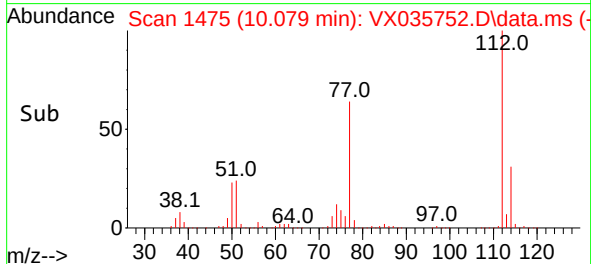
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 351374
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

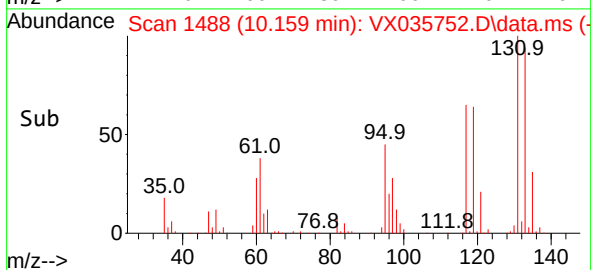
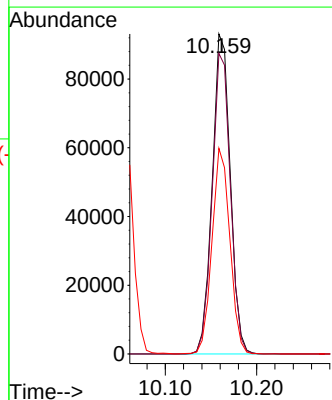
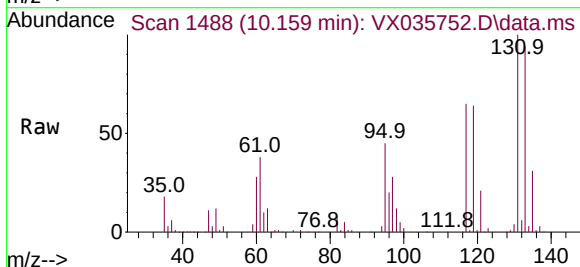
Manual Integrations
APPROVED

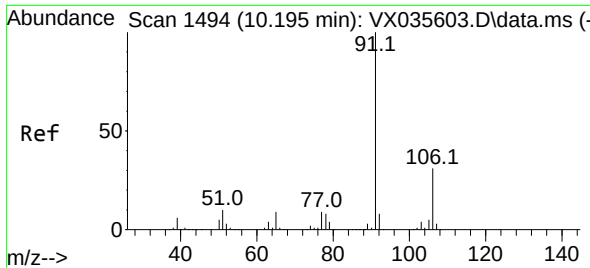
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.200 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

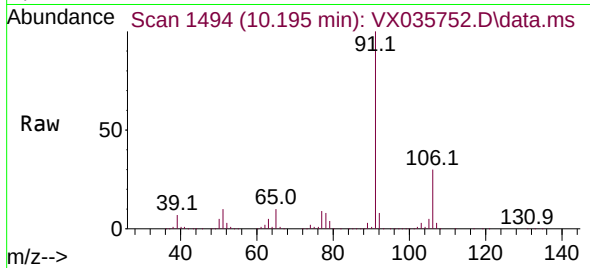
Tgt Ion:131 Resp: 127431
Ion Ratio Lower Upper
131 100
133 94.6 47.1 141.4
119 63.7 32.6 98.0





#67
Ethyl Benzene
Concen: 47.069 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

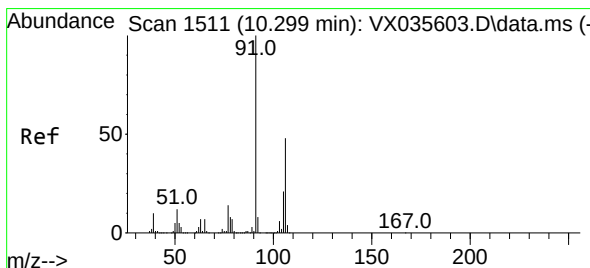
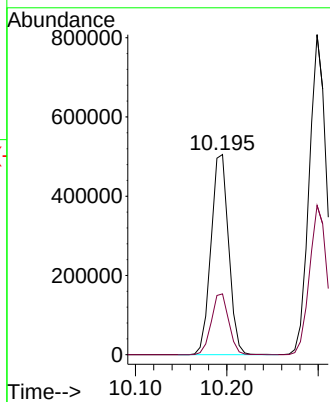
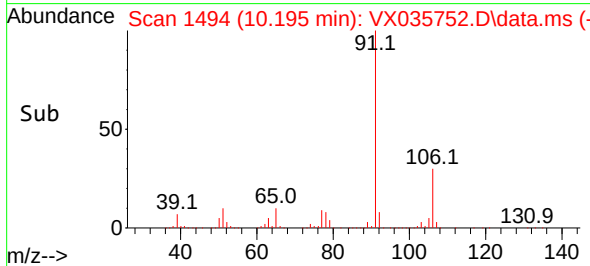
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



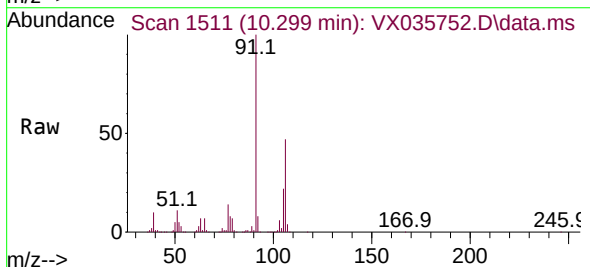
Tgt Ion: 91 Resp: 675923
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

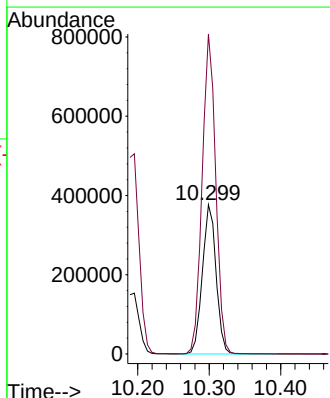
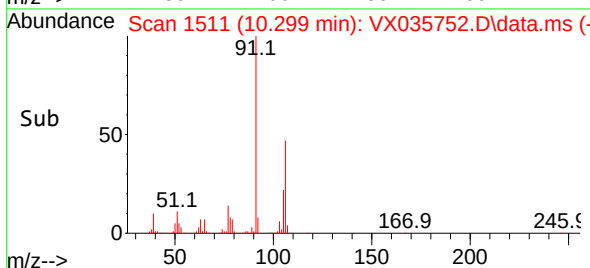
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

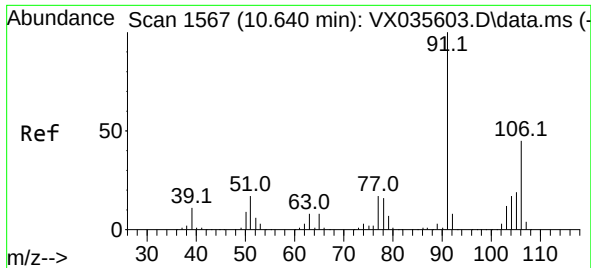


#68
m/p-Xylenes
Concen: 94.469 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion:106 Resp: 501444
Ion Ratio Lower Upper
106 100
91 212.4 164.0 246.0





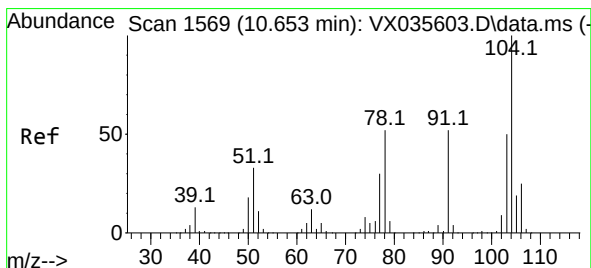
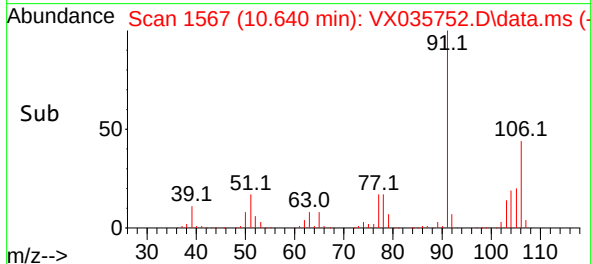
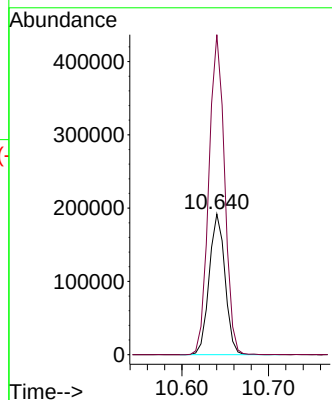
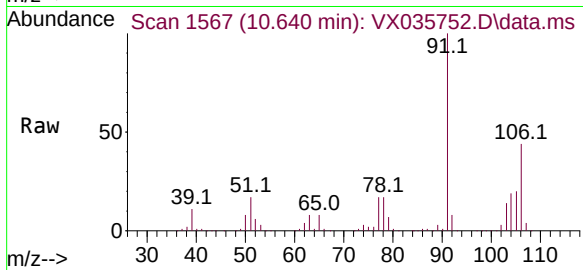
#69
o-Xylene
Concen: 46.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 243440
Ion Ratio Lower Upper
106 100
91 226.4 108.5 325.3

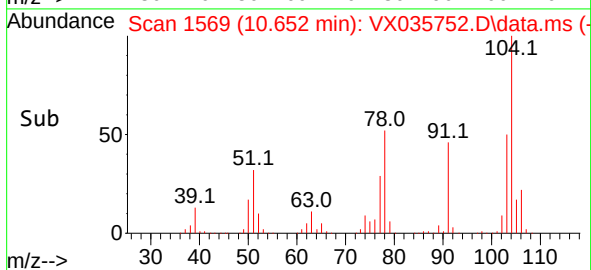
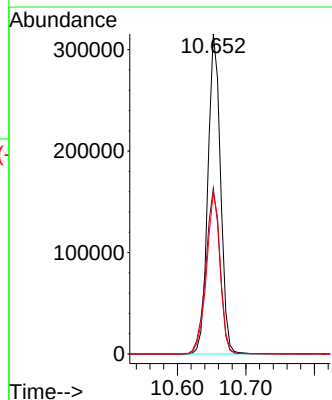
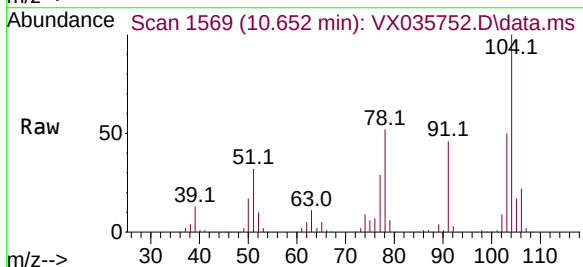
Manual Integrations
APPROVED

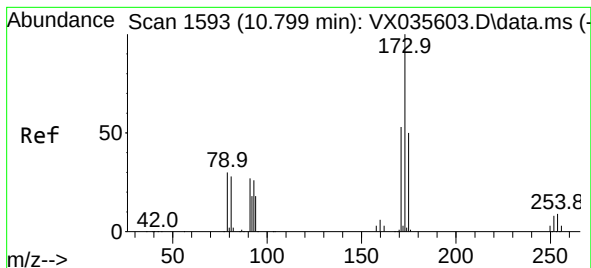
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#70
Styrene
Concen: 47.895 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

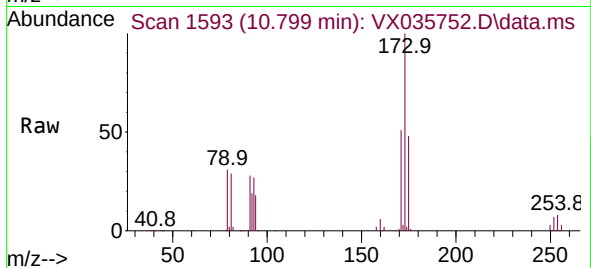
Tgt Ion:104 Resp: 406579
Ion Ratio Lower Upper
104 100
78 57.1 43.4 65.2
103 54.9 44.2 66.2





#71
Bromoform
Concen: 47.409 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

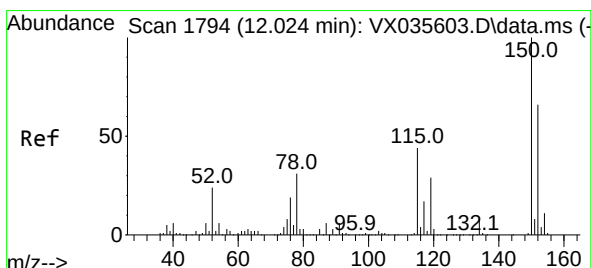
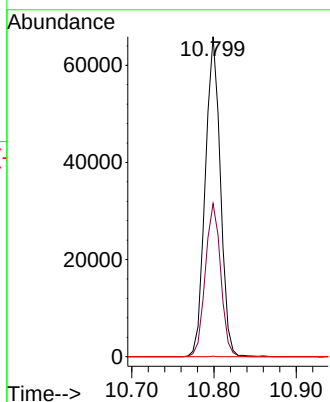
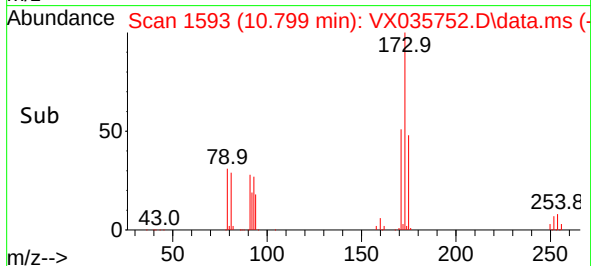
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



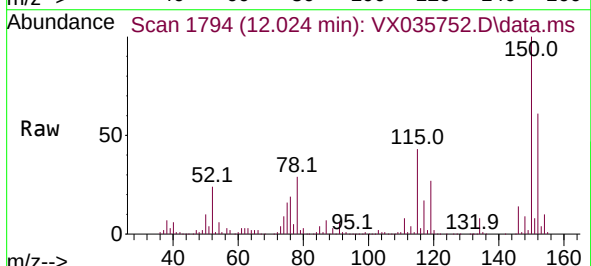
Tgt Ion:173 Resp: 84210
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

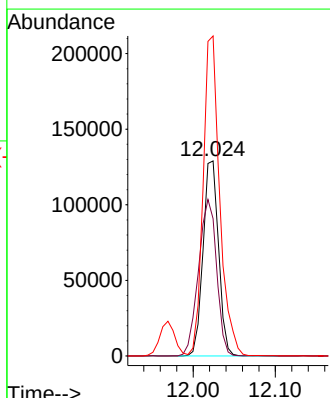
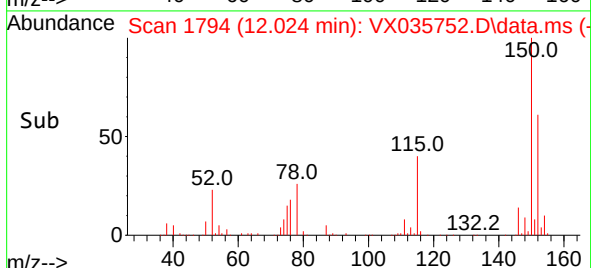
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

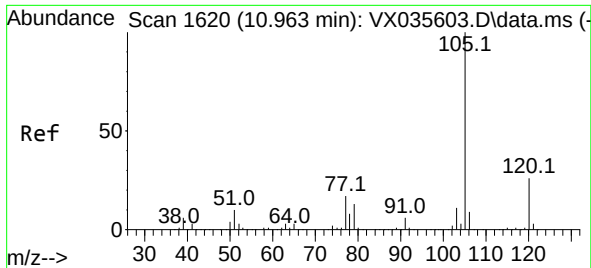


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



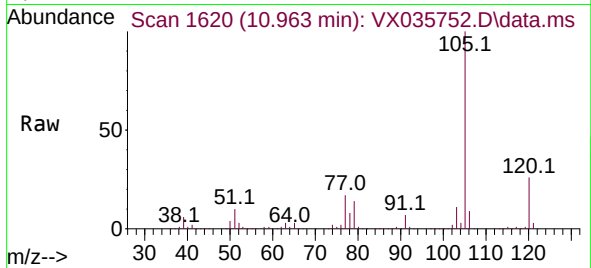
Tgt Ion:152 Resp: 168670
Ion Ratio Lower Upper
152 100
115 93.8 45.0 135.0
150 175.6 0.0 352.4





#73
Isopropylbenzene
Concen: 46.512 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

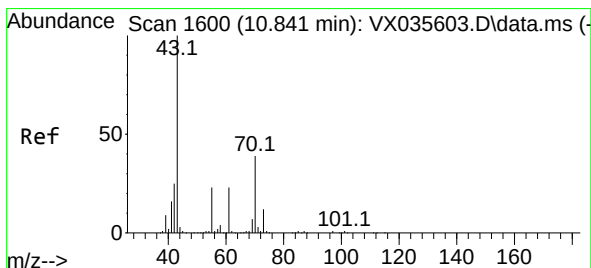
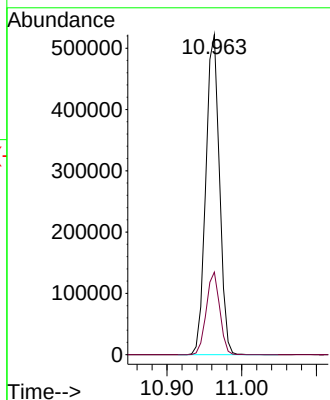
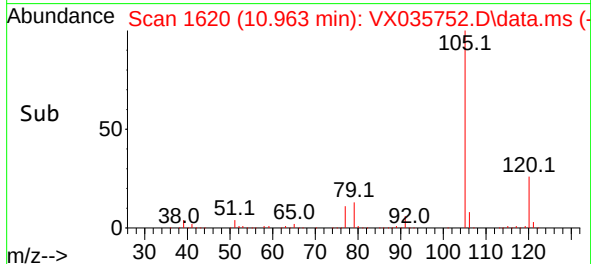
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



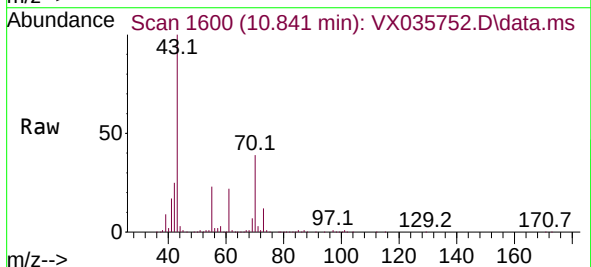
Tgt Ion:105 Resp: 661073
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.9

Manual Integrations
APPROVED

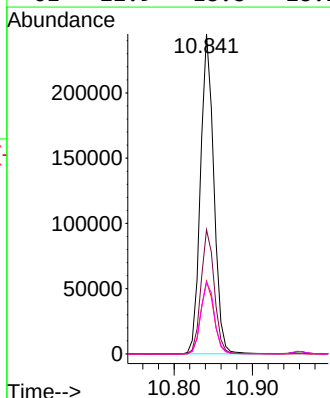
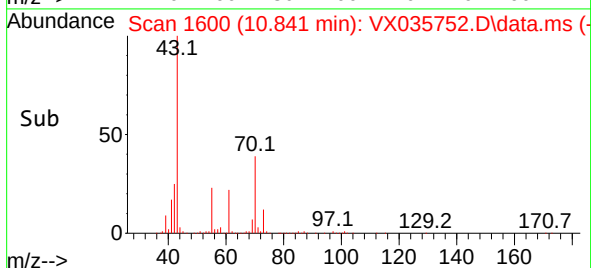
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

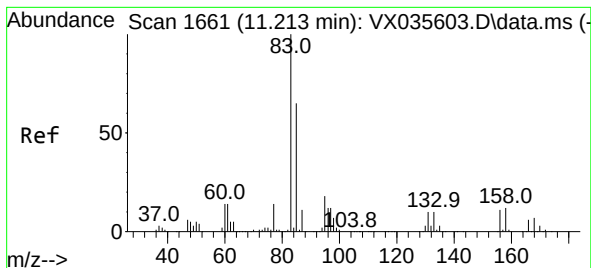


#74
N-ethyl acetate
Concen: 43.628 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion: 43 Resp: 289120
Ion Ratio Lower Upper
43 100
70 39.1 32.1 48.1
55 23.0 18.3 27.5
61 22.9 18.8 28.2





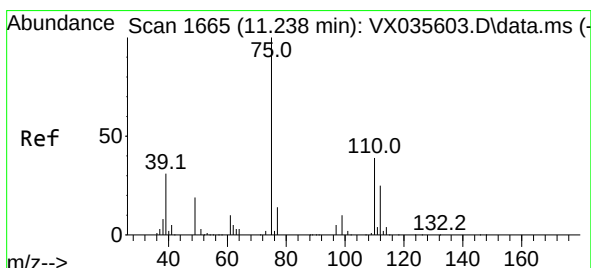
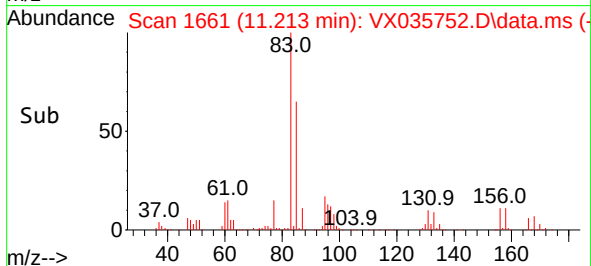
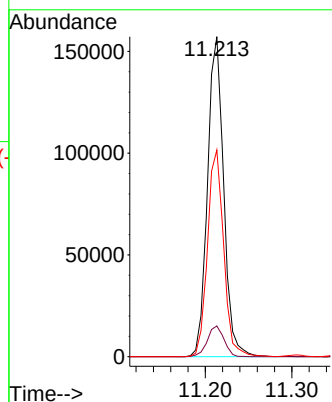
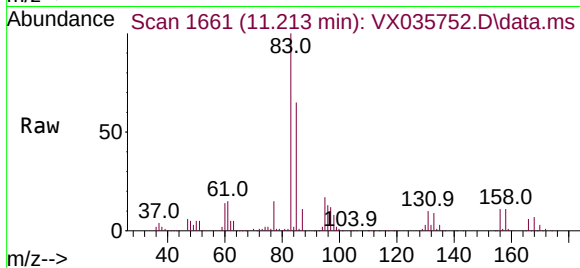
#75
1,1,2,2-Tetrachloroethane
Concen: 44.208 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 203824
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.6 32.0 96.0

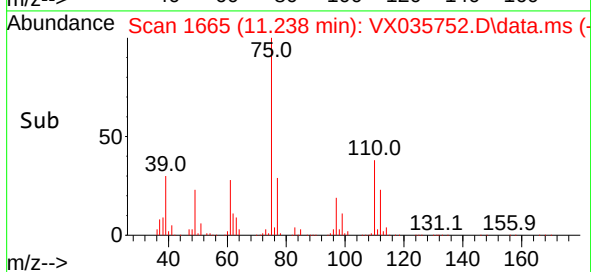
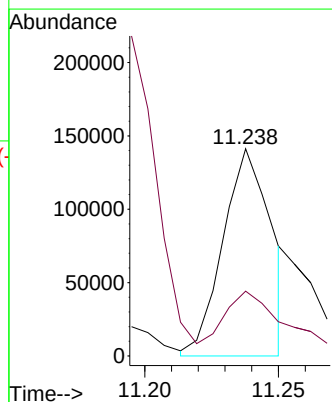
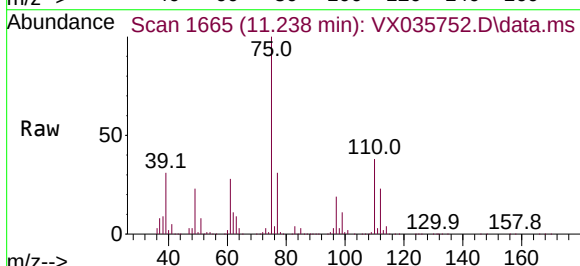
Manual Integrations
APPROVED

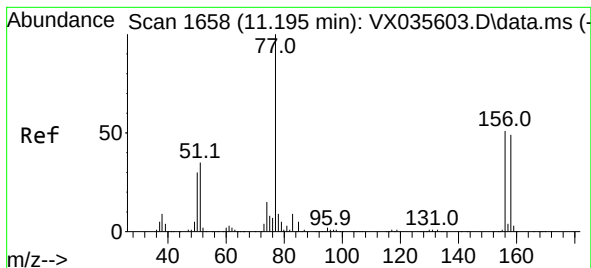
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#76
1,2,3-Trichloropropane
Concen: 42.852 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 75 Resp: 176796
Ion Ratio Lower Upper
75 100
77 41.3 21.6 64.8





#77

Bromobenzene

Concen: 45.151 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

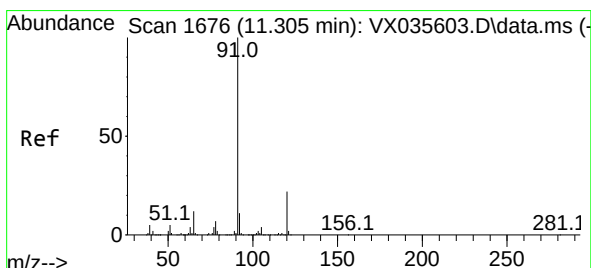
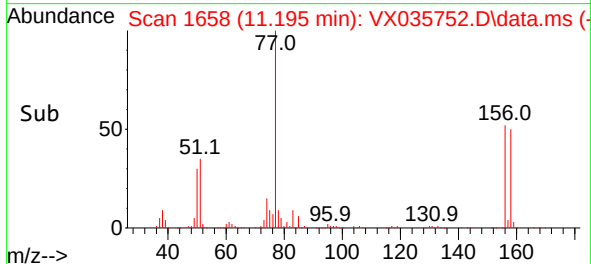
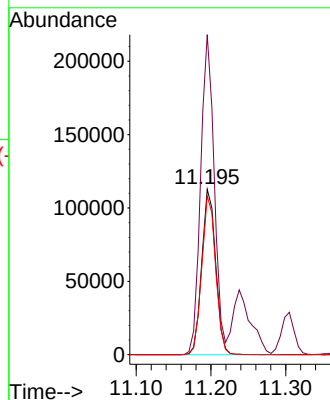
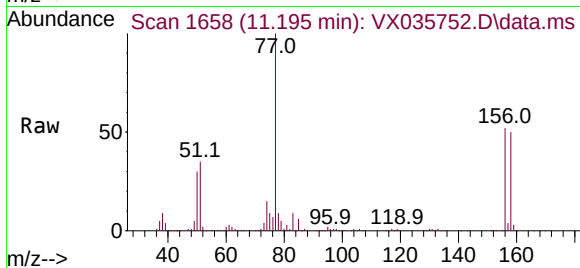
Tgt Ion:	156	Resp:	145654
Ion Ratio	Lower	Upper	
156	100		
77	189.1	86.7	259.9
158	95.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#78

n-propylbenzene

Concen: 47.646 ug/l

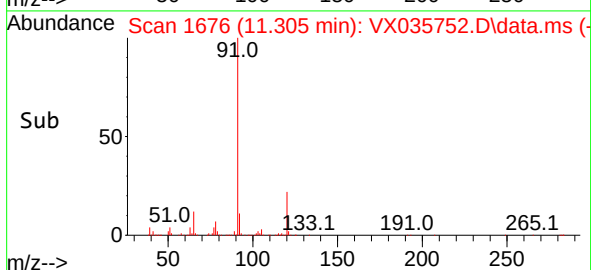
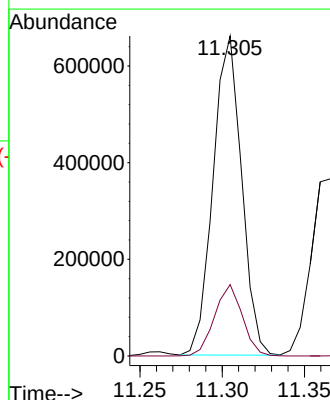
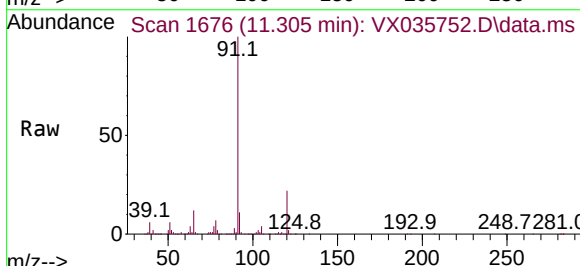
RT: 11.305 min Scan# 1676

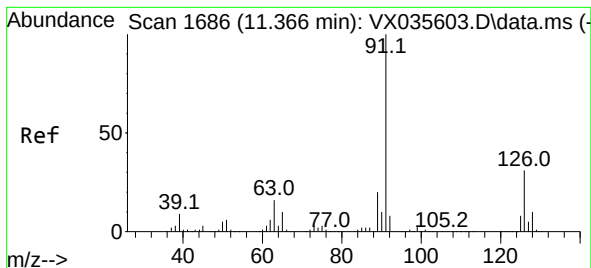
Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Tgt Ion:	91	Resp:	796039
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.5





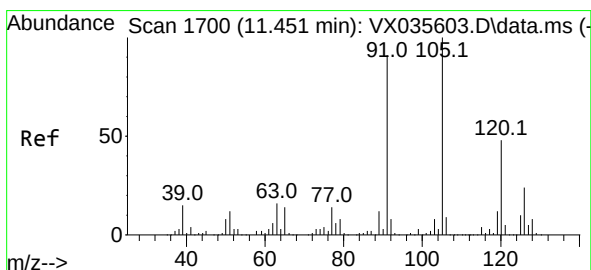
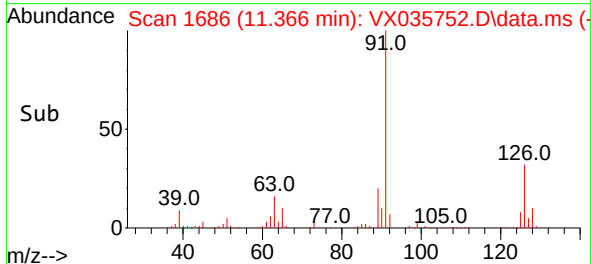
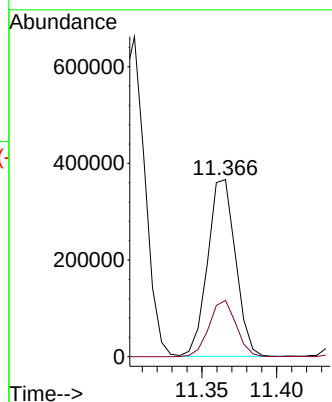
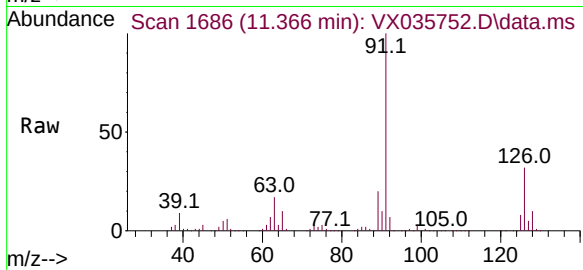
#79
2-Chlorotoluene
Concen: 45.417 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 475070
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.9

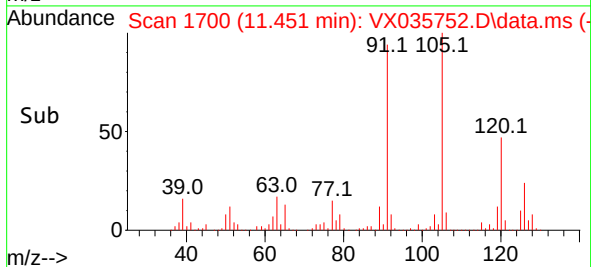
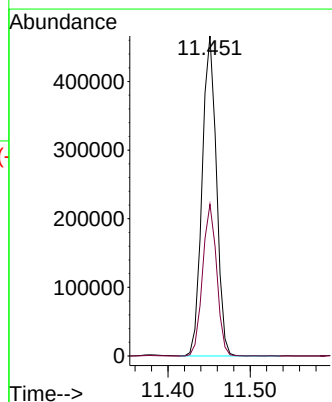
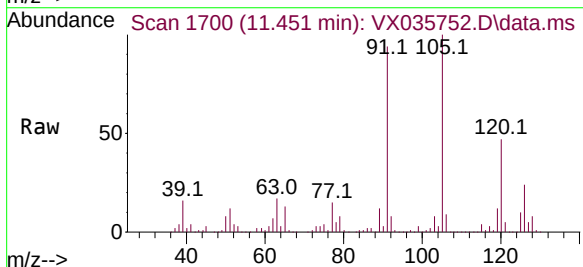
Manual Integrations
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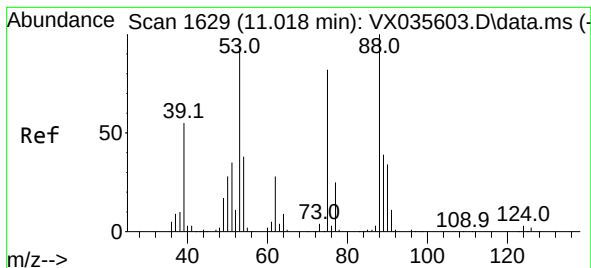
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.604 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:105 Resp: 562983
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





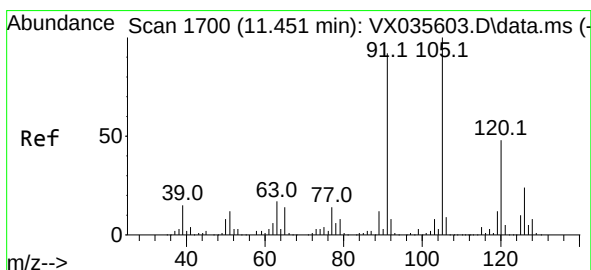
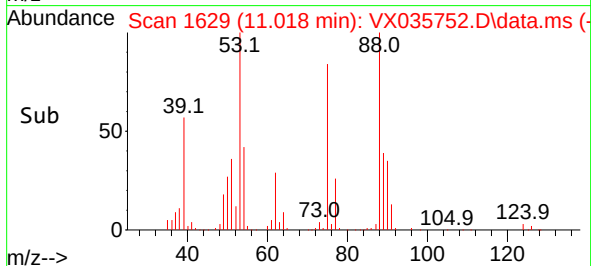
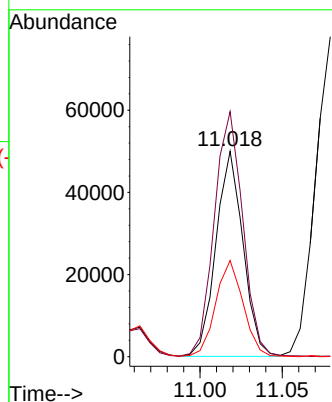
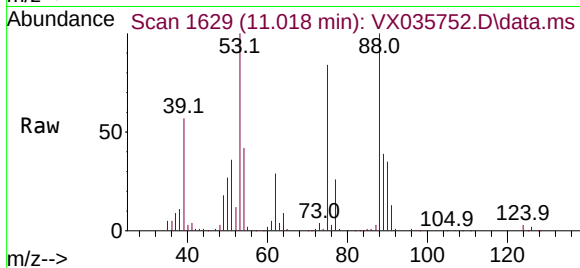
#81
trans-1,4-Dichloro-2-butene
Concen: 44.730 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5726
Ion Ratio Lower Upper
75 100
53 125.4 82.6 124.0
89 47.6 36.9 55.3

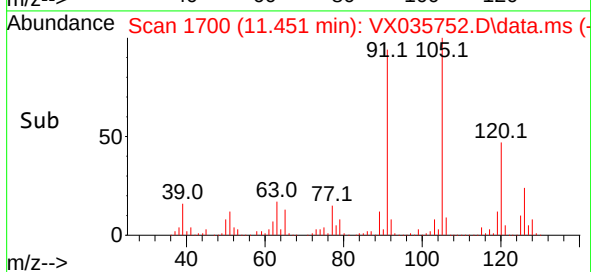
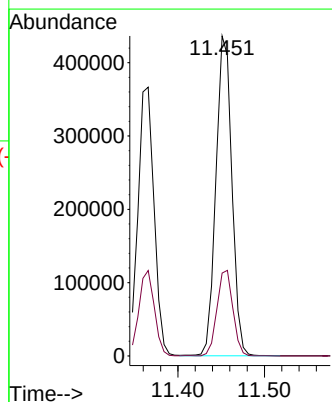
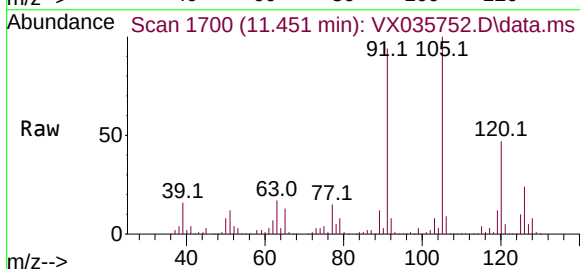
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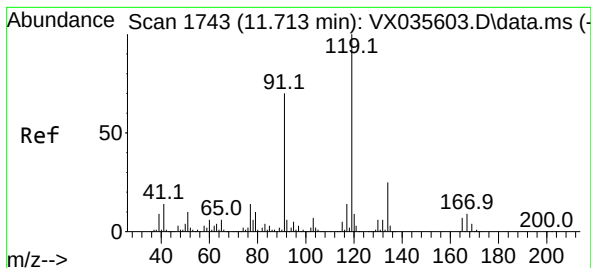
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#82
4-Chlorotoluene
Concen: 46.331 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion: 91 Resp: 558134
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 45.921 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 53922

Ion Ratio Lower Upper

119 100

91 65.9 30.6 92.0

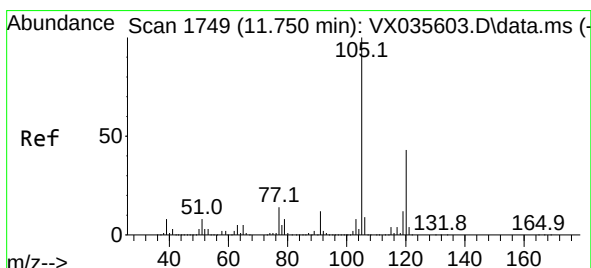
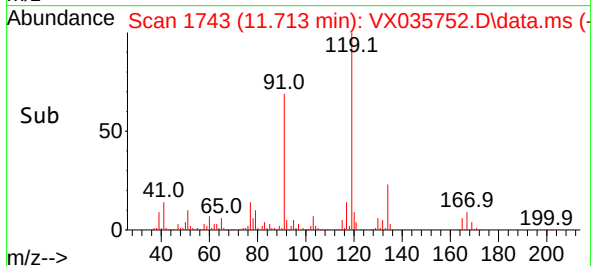
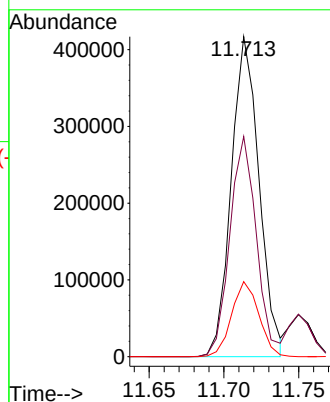
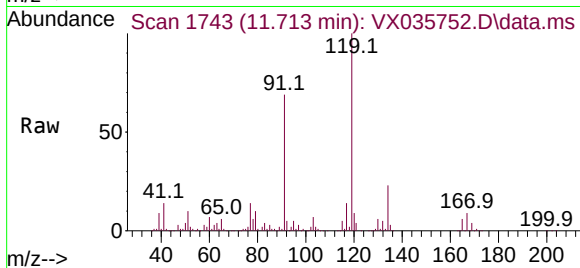
134 23.0 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#84

1,2,4-Trimethylbenzene

Concen: 46.737 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035752.D

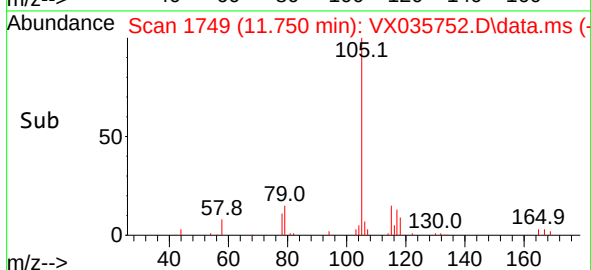
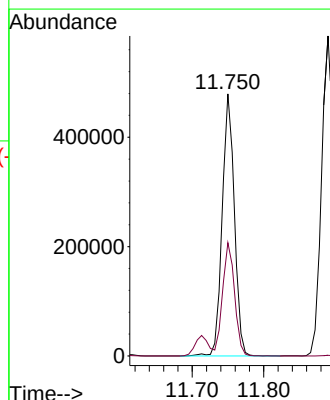
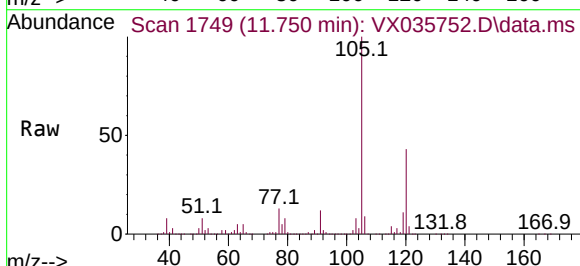
Acq: 19 May 2023 09:05

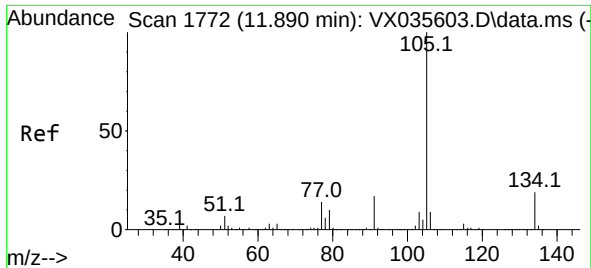
Tgt Ion:105 Resp: 566894

Ion Ratio Lower Upper

105 100

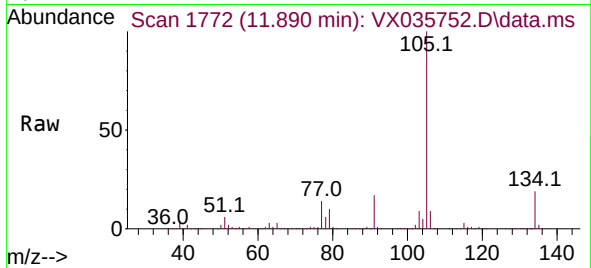
120 42.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.947 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05

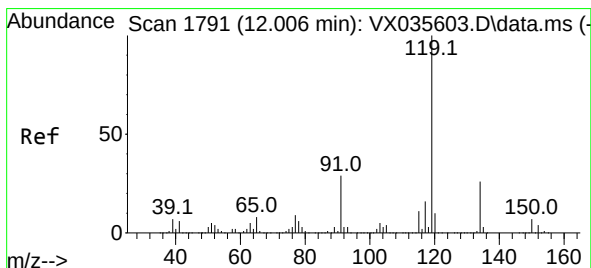
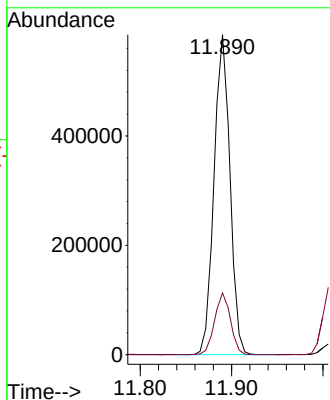
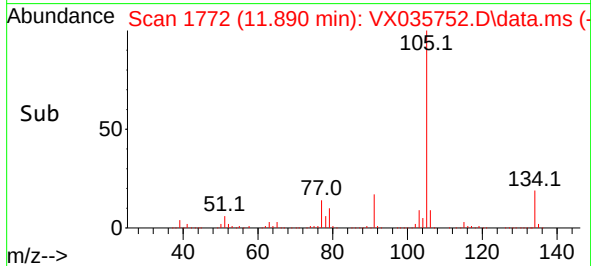
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



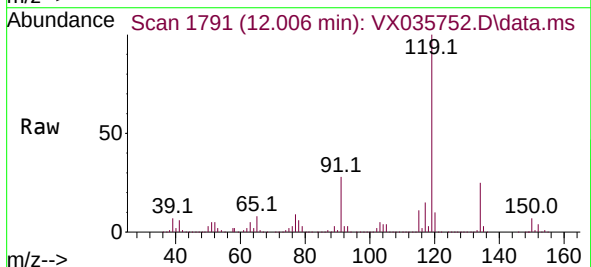
Tgt Ion:105 Resp: 70689
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations
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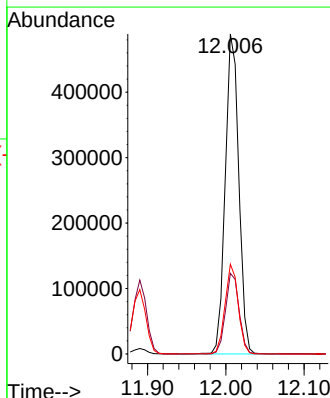
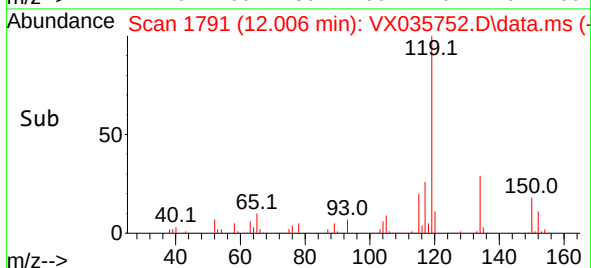
Reviewed By :John Carlone 05/22/2023
 Supervised By :Mahesh Dadoda 05/22/2023

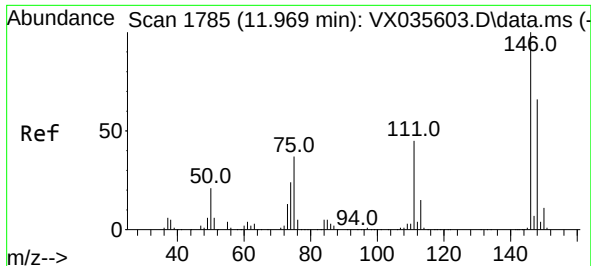


#86
 p-Isopropyltoluene
 Concen: 48.563 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035752.D
 Acq: 19 May 2023 09:05



Tgt Ion:119 Resp: 588618
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.2 39.5
 91 27.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.618 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 27956

Ion Ratio Lower Upper

146 100

111 44.9 20.9 62.8

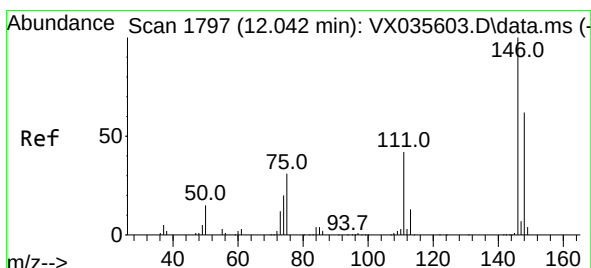
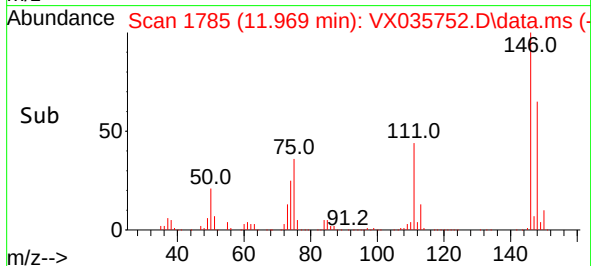
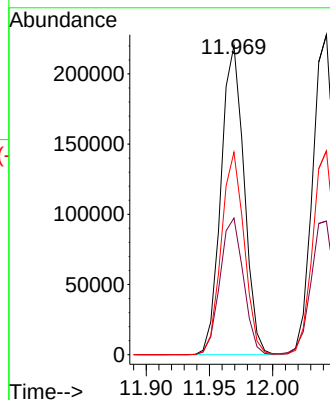
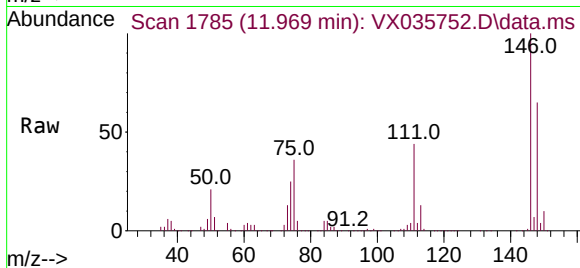
148 64.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#88

1,4-Dichlorobenzene

Concen: 45.429 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

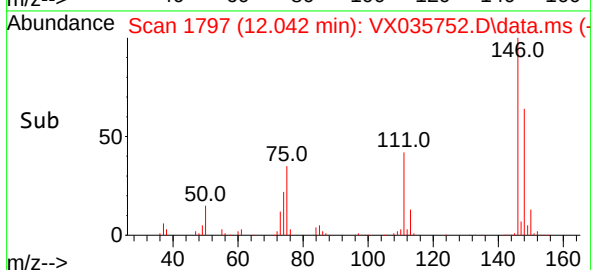
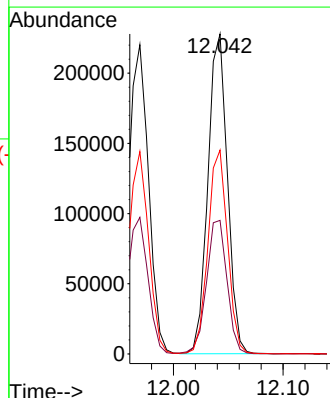
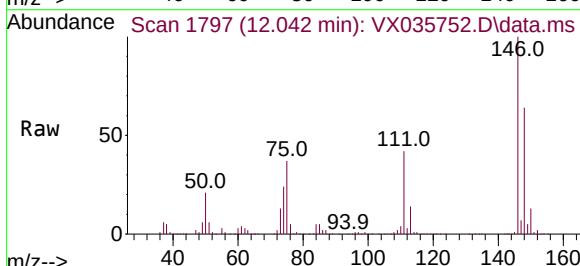
Tgt Ion:146 Resp: 281127

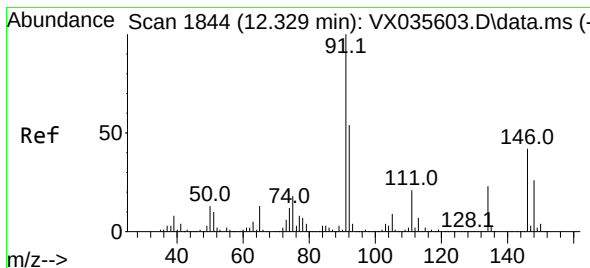
Ion Ratio Lower Upper

146 100

111 44.0 20.6 61.9

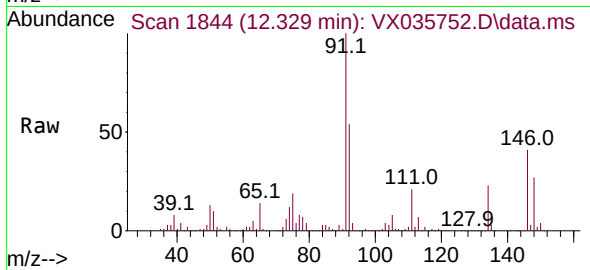
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 49.175 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

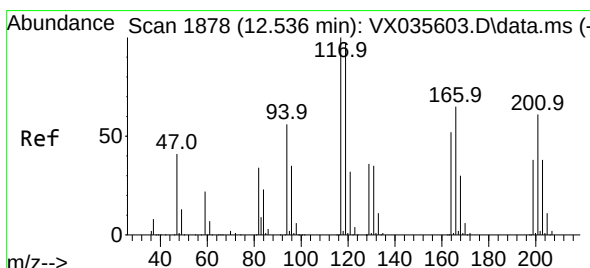
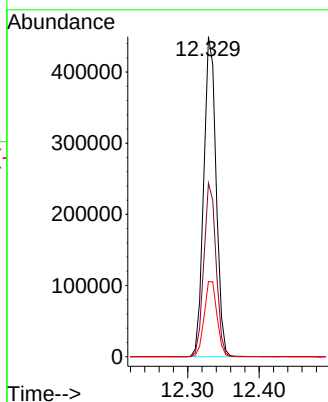
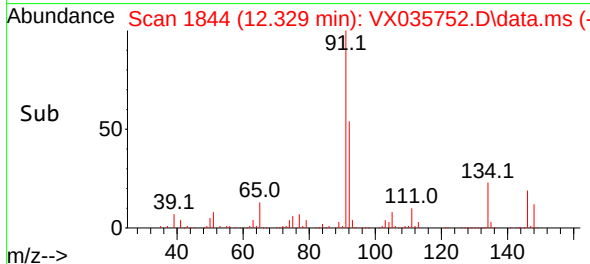
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 542198
Ion Ratio Lower Upper
91 100
92 53.6 27.7 83.0
134 24.4 13.0 38.9

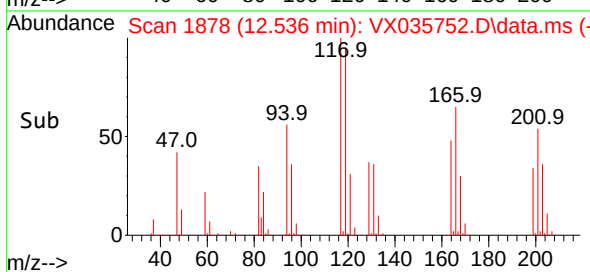
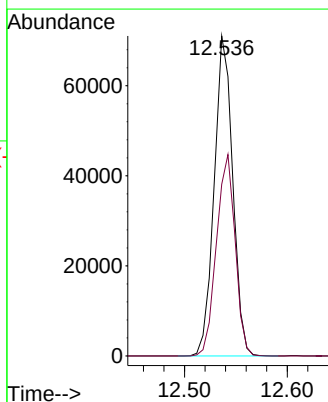
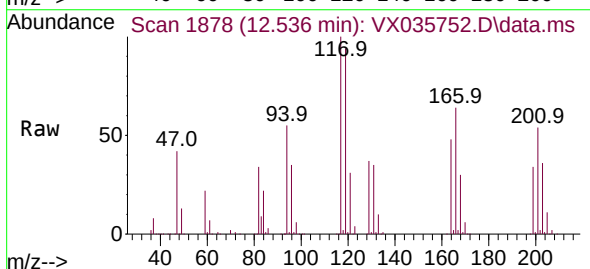
Manual Integrations
APPROVED

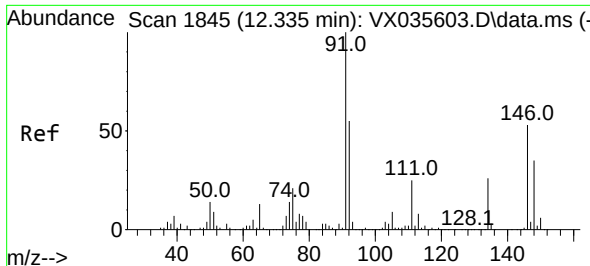
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#90
Hexachloroethane
Concen: 48.457 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

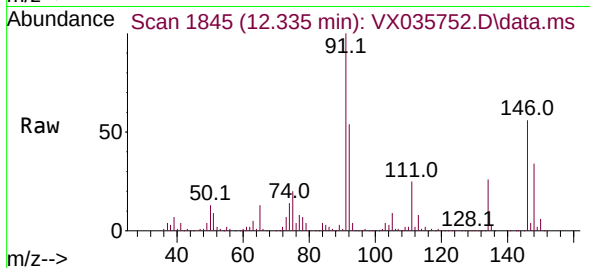
Tgt Ion:117 Resp: 89020
Ion Ratio Lower Upper
117 100
201 63.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 45.334 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

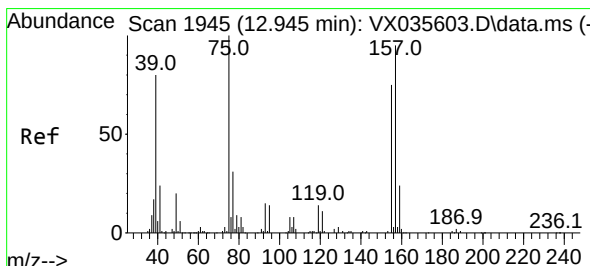
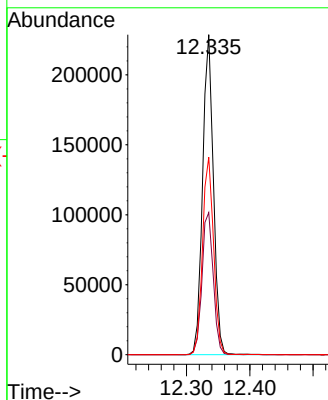
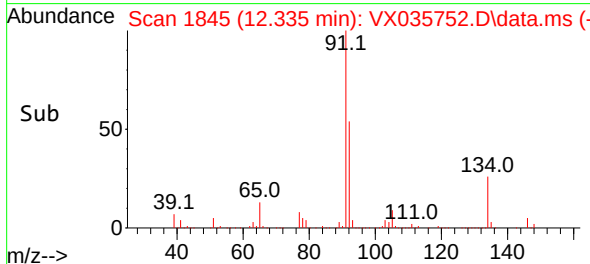
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



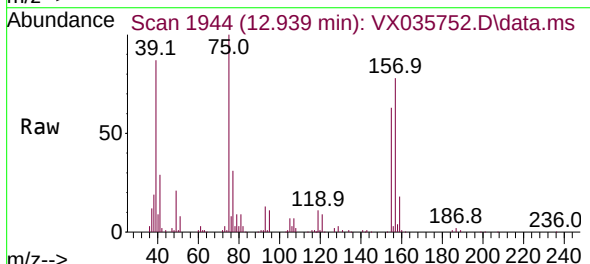
Tgt Ion:146 Resp: 272054
Ion Ratio Lower Upper
146 100
111 46.3 22.0 66.0
148 63.1 32.0 96.0

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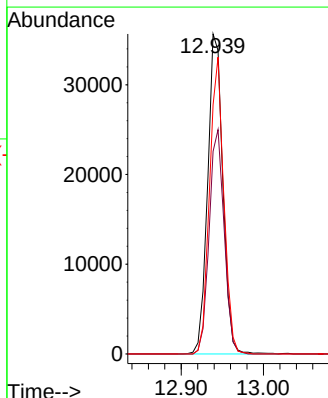
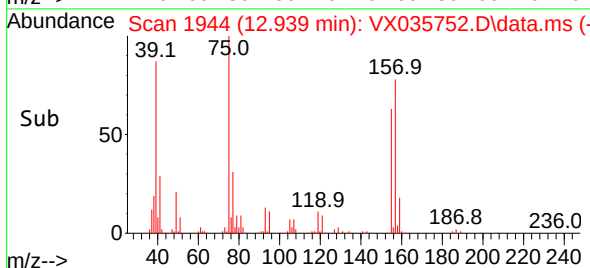
Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023

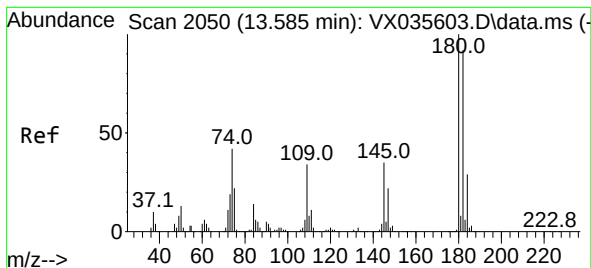


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.671 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05



Tgt Ion: 75 Resp: 45863
Ion Ratio Lower Upper
75 100
155 68.7 38.4 115.1
157 86.7 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.103 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

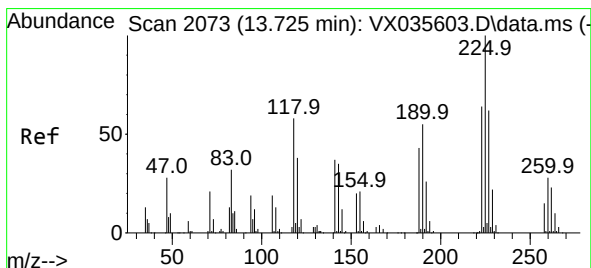
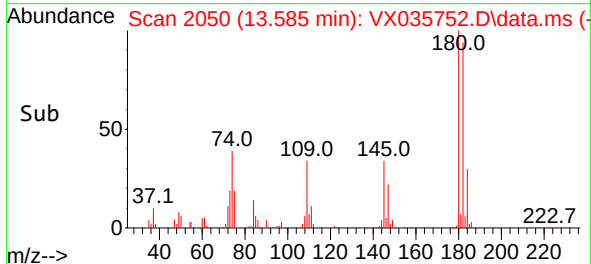
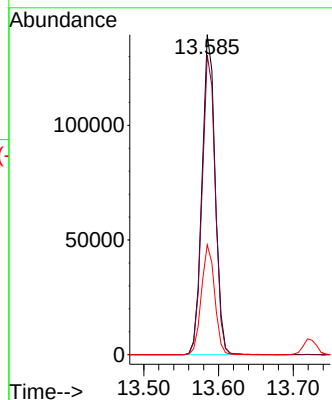
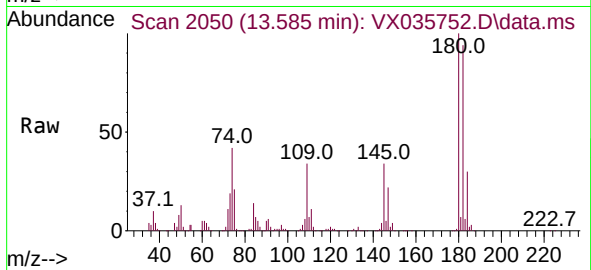
Tgt Ion:	180	Resp:	170204
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.0	141.0
145	34.6	15.9	47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2023

Supervised By :Mahesh Dadoda 05/22/2023



#94

Hexachlorobutadiene

Concen: 49.002 ug/l

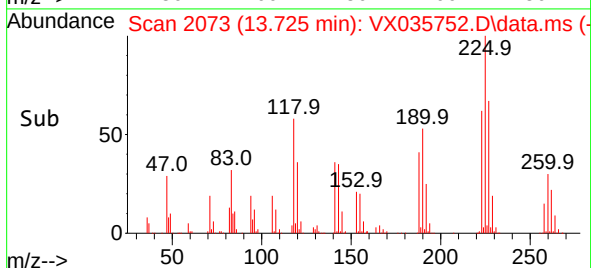
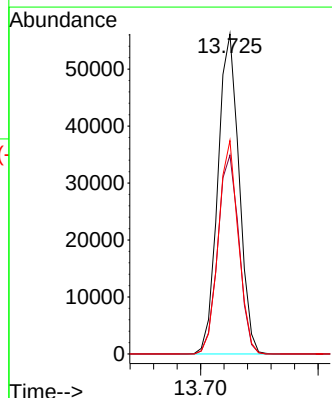
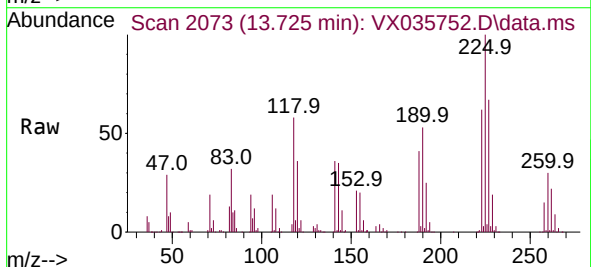
RT: 13.725 min Scan# 2073

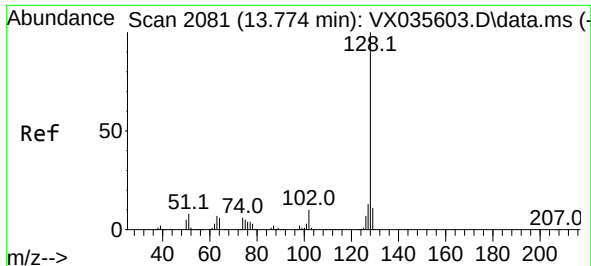
Delta R.T. 0.000 min

Lab File: VX035752.D

Acq: 19 May 2023 09:05

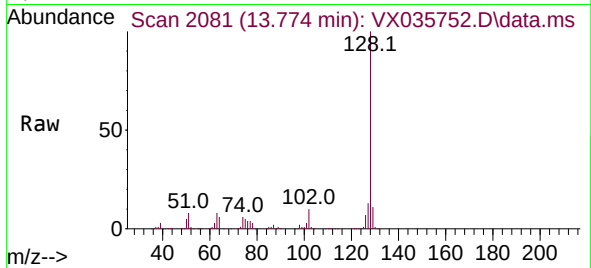
Tgt Ion:	225	Resp:	70281
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.1	96.5
227	63.0	31.8	95.4





#95
Naphthalene
Concen: 45.142 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

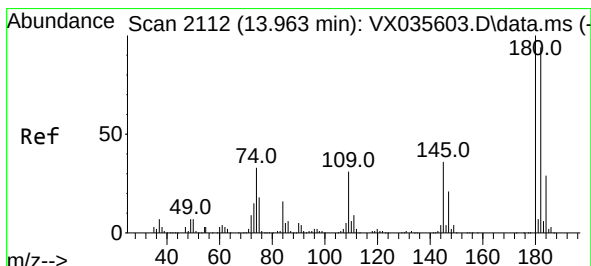
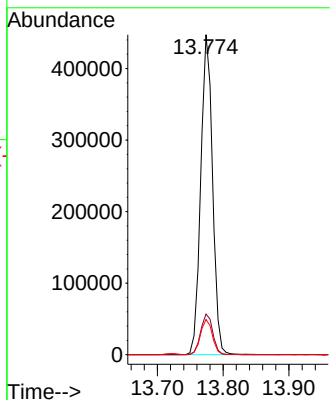
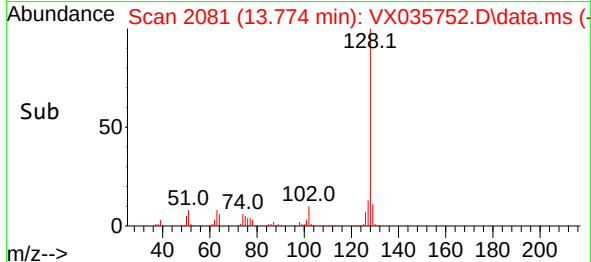
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 55859
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2023
Supervised By :Mahesh Dadoda 05/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.068 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX035752.D
Acq: 19 May 2023 09:05

Tgt Ion:180 Resp: 163714
Ion Ratio Lower Upper
180 100
182 93.0 48.0 144.2
145 36.7 17.7 53.1

