

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034553.D
 Acq On : 16 Mar 2023 18:09
 Operator : JC/MD
 Sample : 01945-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230315025-02-VOA

Quant Time: Mar 17 06:29:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	229912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	386268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166676	49.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	122894	48.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.647	98	470791	49.450	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	183488	47.714	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.420%

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	99	Below Cal	#	69
4) Vinyl Chloride	1.368	62	1414	0.485	ug/l	96
8) Diethyl Ether	2.130	74	7525	4.701	ug/l	91
11) Tert butyl alcohol	2.959	59	4681381	6721.097	ug/l	98
13) Acrolein	2.233	56	177	0.321	ug/l	# 14
14) Allyl chloride	2.636	41	45582	8.933	ug/l	# 43
15) Acrylonitrile	2.953	53	44767	29.753	ug/l	# 18
16) Acetone	2.373	43	30078	19.091	ug/l	99
17) Carbon Disulfide	2.508	76	1902	0.269	ug/l	# 74
18) Methyl Acetate	2.959	43	722525	140.348	ug/l	# 53
19) Methyl tert-butyl Ether	3.111	73	28190	3.128	ug/l	96
25) 2-Butanone	4.574	43	151643	67.266	ug/l	# 75
26) 2,2-Dichloropropane	4.574	77	192584	42.364	ug/l	# 53
27) cis-1,2-Dichloroethene	4.483	96	2745	0.853	ug/l	# 17
28) Bromochloromethane	4.995	49	2523	1.038	ug/l	# 15
29) Tetrahydrofuran	5.001	42	1285117	923.821	ug/l	98
31) Cyclohexane	5.544	56	5795	1.235	ug/l	# 22
36) 1,1-Dichloropropene	5.544	75	22216	5.671	ug/l	# 50
37) Ethyl Acetate	4.672	43	14738	3.444	ug/l	# 70
38) Carbon Tetrachloride	5.550	117	23877	6.127	ug/l	# 16
40) Benzene	6.037	78	46169	4.029	ug/l	96
41) Methacrylonitrile	5.001	41	735083	313.436	ug/l	# 48
42) 1,2-Dichloroethane	6.098	62	1974	0.469	ug/l	88
43) Isopropyl Acetate	6.342	43	3905	0.539	ug/l	# 65
49) 1,4-Dioxane	7.665	88	8801	120.179	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	38451	9.143	ug/l	# 77
52) Toluene	8.720	92	26576	3.746	ug/l	93
55) 1,1,2-Trichloroethane	9.080	97	2026	0.720	ug/l	# 24
59) 2-Hexanone	9.433	43	7457	2.294	ug/l	98
65) Chlorobenzene	10.079	112	9059	1.204	ug/l	91
67) Ethyl Benzene	10.195	91	7796	0.579	ug/l	94
68) m/p-Xylenes	10.299	106	51577	9.972	ug/l	97
69) o-Xylene	10.640	106	34057	6.561	ug/l	99
70) Styrene	10.646	104	3364	0.402	ug/l	# 1
73) Isopropylbenzene	10.957	105	2606	0.222	ug/l	94
74) N-amyl acetate	10.890	43	7437	1.323	ug/l	# 56

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

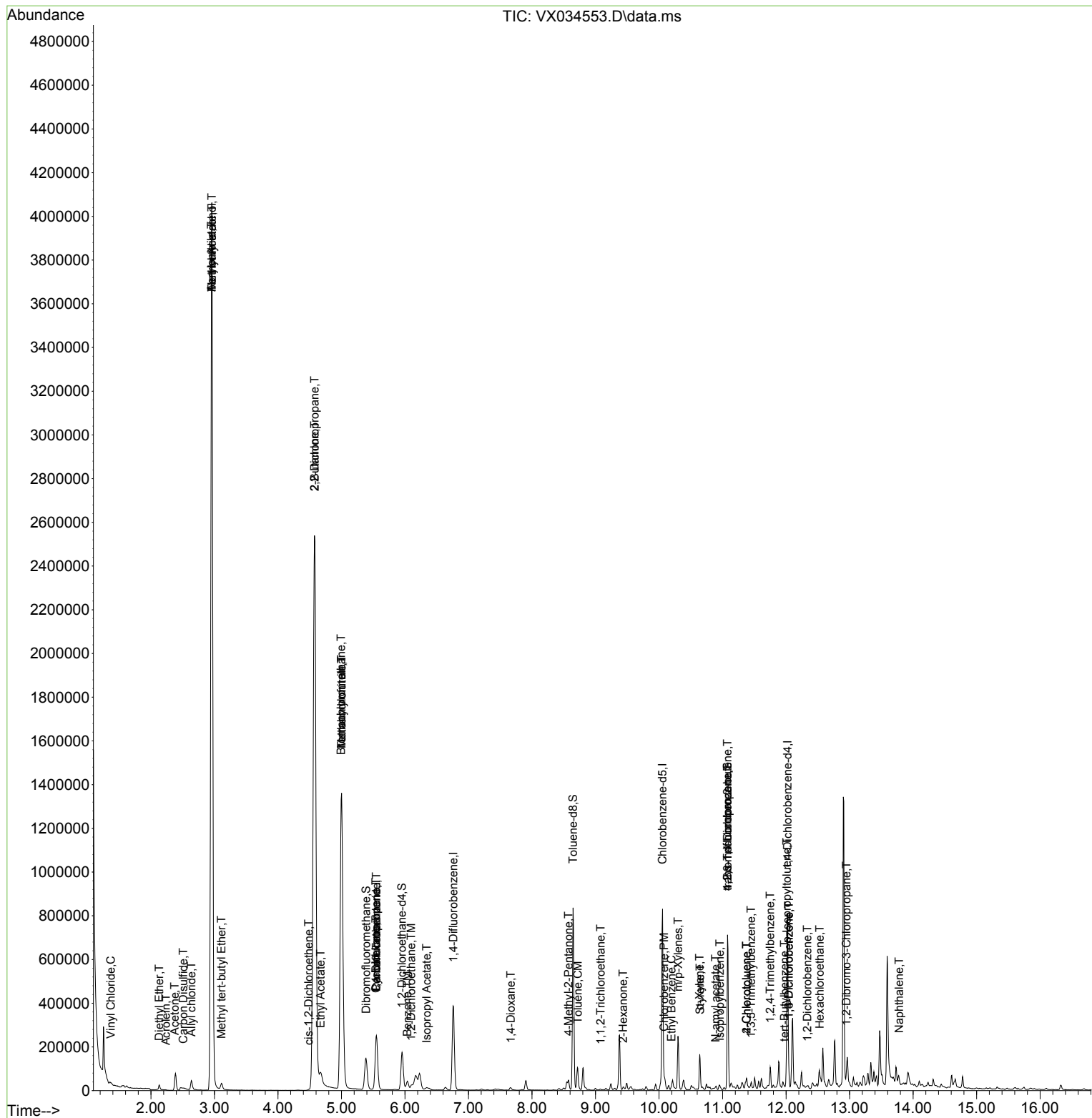
76) 1,2,3-Trichloropropane	11.079	75	95682	27.434	ug/l #	35
79) 2-Chlorotoluene	11.378	91	4830	0.577	ug/l #	69
80) 1,3,5-Trimethylbenzene	11.451	105	11856	1.204	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	95682	74.218	ug/l #	9
82) 4-Chlorotoluene	11.378	91	4830	0.501	ug/l	75
83) tert-Butylbenzene	11.975	119	2748	0.277	ug/l	82
84) 1,2,4-Trimethylbenzene	11.750	105	38981	3.874	ug/l	96
86) p-Isopropyltoluene	12.012	119	27389	2.685	ug/l	95
87) 1,3-Dichlorobenzene	12.042	146	22815	4.134	ug/l	91
88) 1,4-Dichlorobenzene	12.042	146	22815	4.089	ug/l	91
90) Hexachloroethane	12.530	117	944	0.500	ug/l #	15
91) 1,2-Dichlorobenzene	12.335	146	1088	0.204	ug/l #	70
92) 1,2-Dibromo-3-Chloropr...	12.951	75	1073	1.206	ug/l #	5
95) Naphthalene	13.780	128	5865	0.524	ug/l #	94

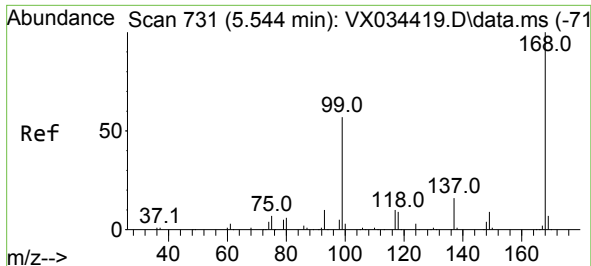
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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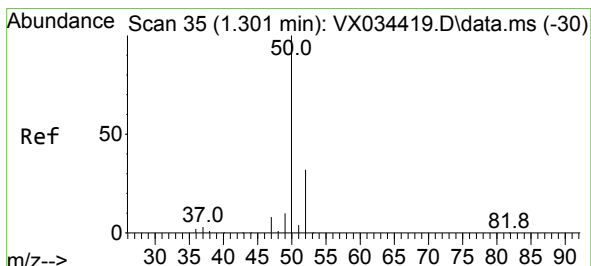
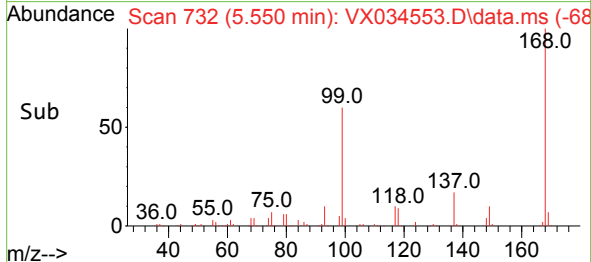
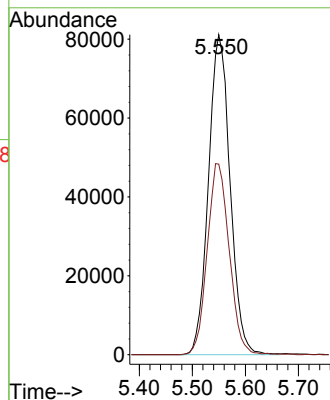
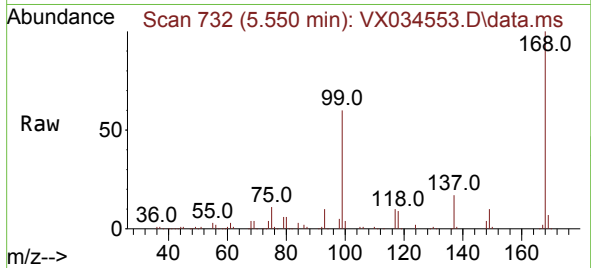




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

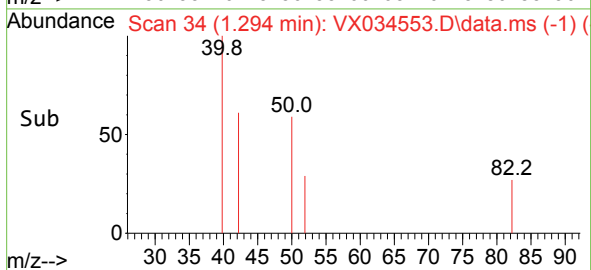
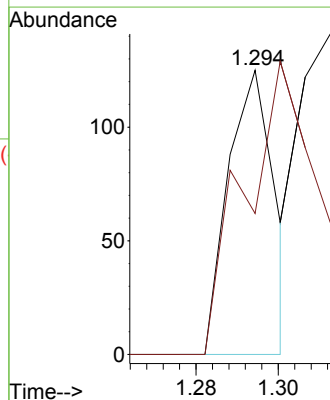
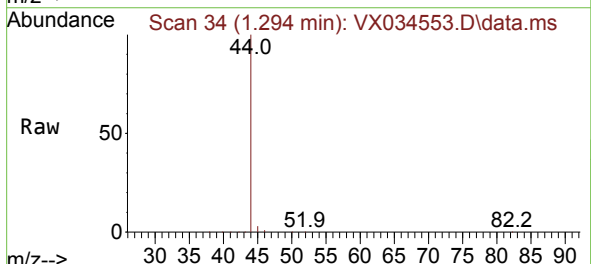
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

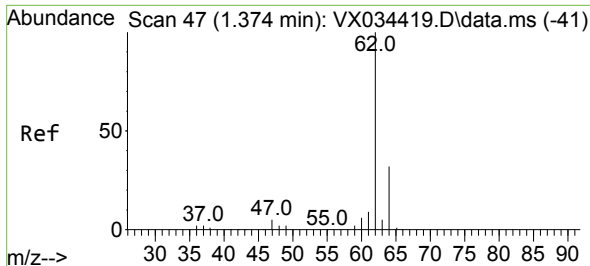
Tgt Ion:168 Resp: 229912
Ion Ratio Lower Upper
168 100
99 59.6 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 50 Resp: 99
Ion Ratio Lower Upper
50 100
52 49.6 25.9 38.9#

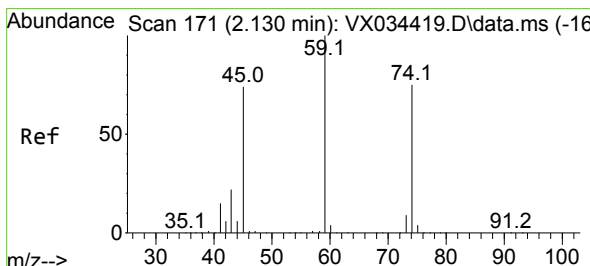
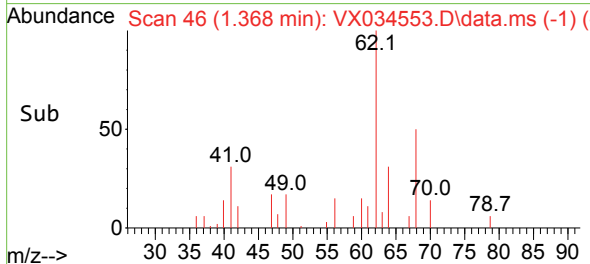
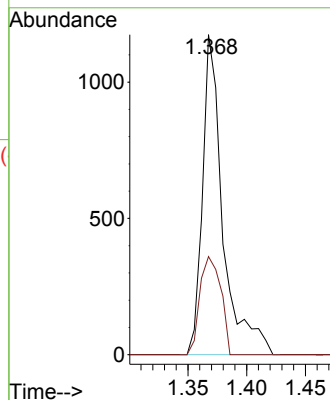
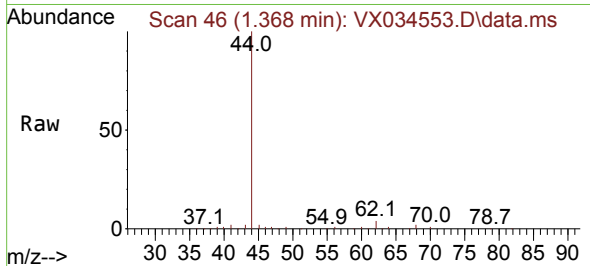




#4
 Vinyl Chloride
 Concen: 0.485 ug/l
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

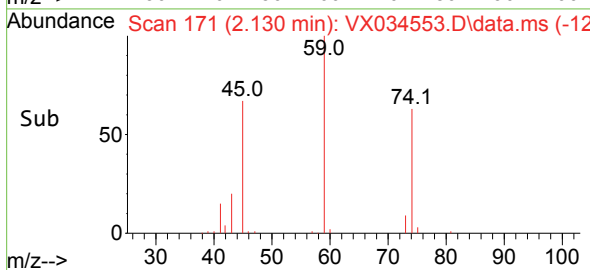
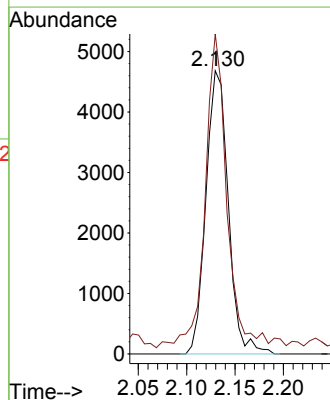
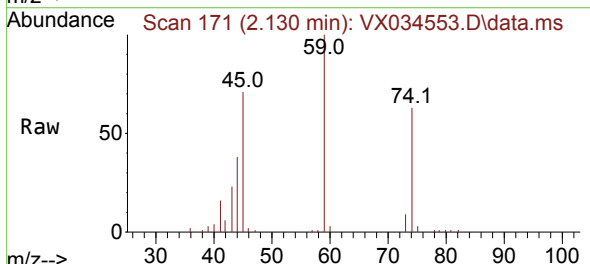
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 ClientSampleId :
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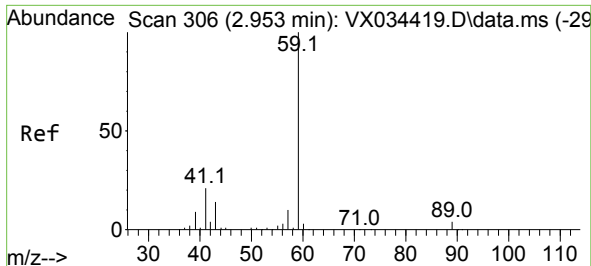
Tgt Ion: 62 Resp: 1414
 Ion Ratio Lower Upper
 62 100
 64 30.7 26.4 39.6



#8
 Diethyl Ether
 Concen: 4.701 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

Tgt Ion: 74 Resp: 7525
 Ion Ratio Lower Upper
 74 100
 45 108.9 49.8 149.3

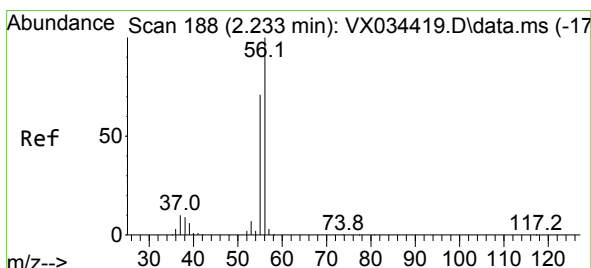
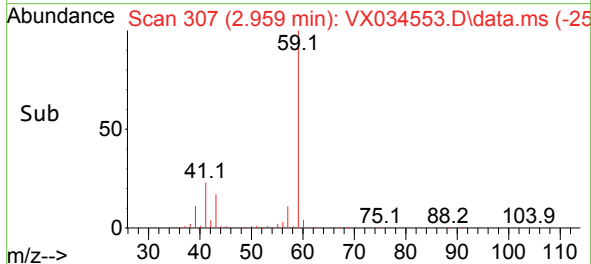
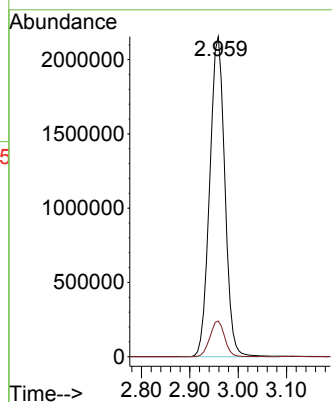
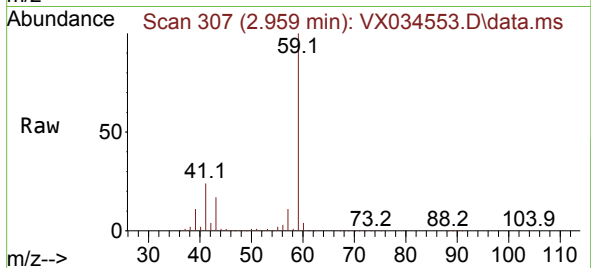




#11
Tert butyl alcohol
Concen: 6721.097 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

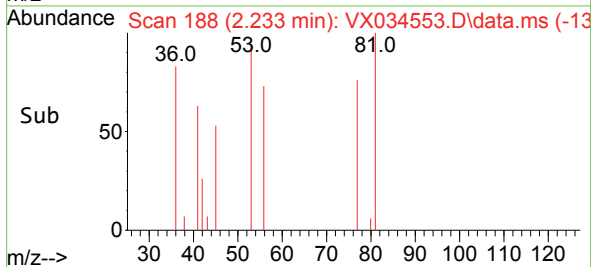
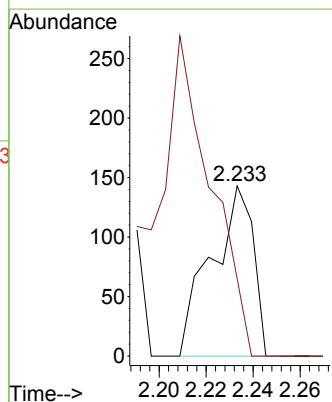
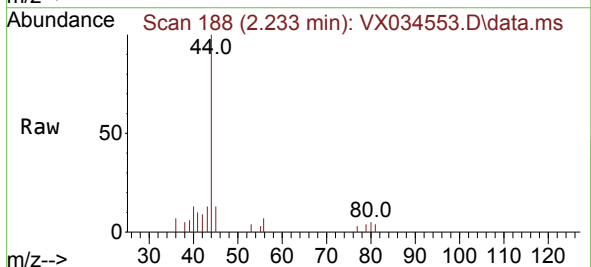
Instrument :
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ClientSampleId :
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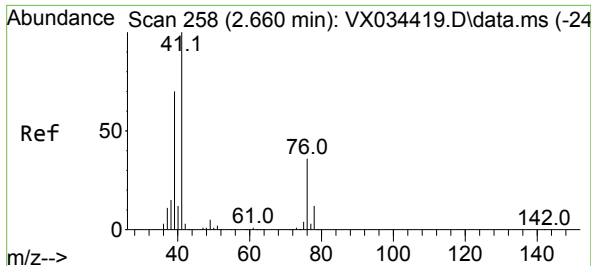
Tgt Ion: 59 Resp: 4681381
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1



#13
Acrolein
Concen: 0.321 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

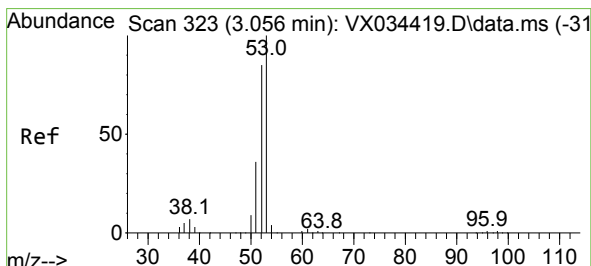
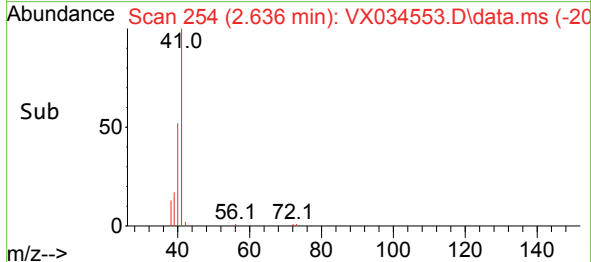
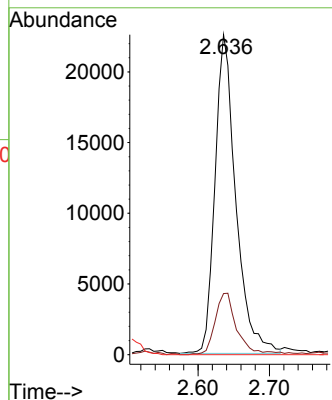
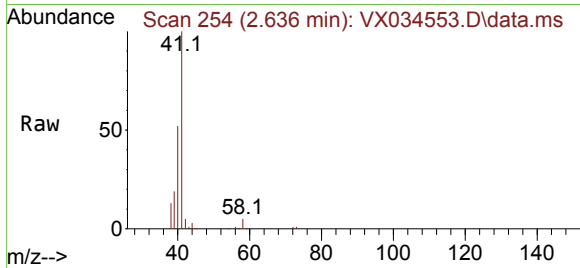




#14
 Allyl chloride
 Concen: 8.933 ug/l
 RT: 2.636 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

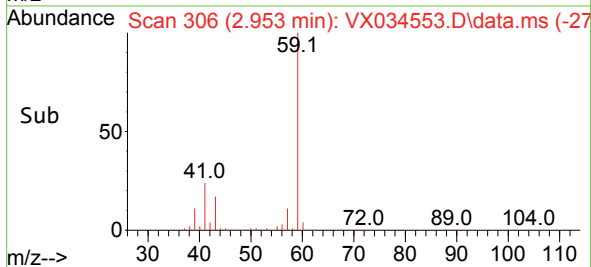
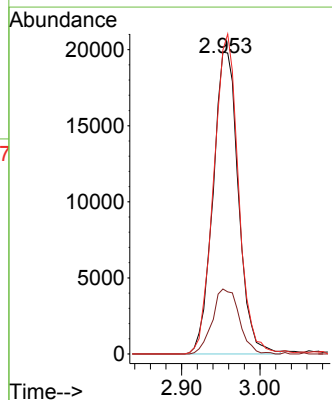
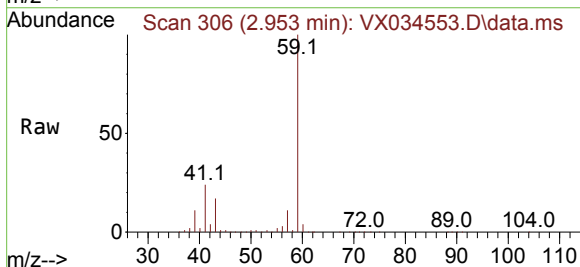
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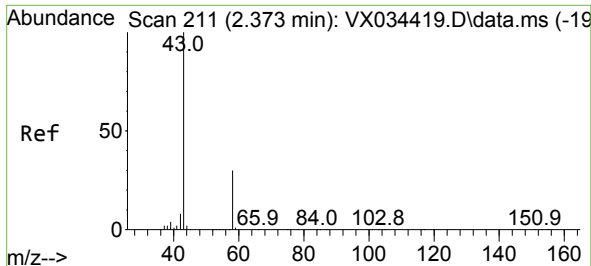
Tgt Ion: 41 Resp: 45582
 Ion Ratio Lower Upper
 41 100
 39 20.4 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 29.753 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.103 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

Tgt Ion: 53 Resp: 44767
 Ion Ratio Lower Upper
 53 100
 52 22.7 66.2 99.2#
 51 103.3 28.3 42.5#

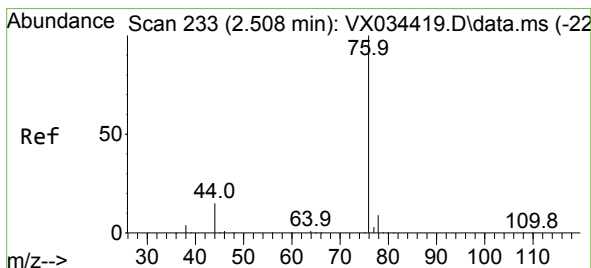
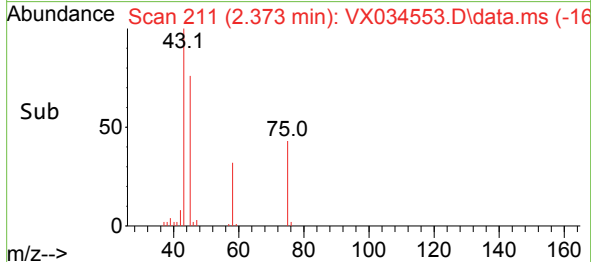
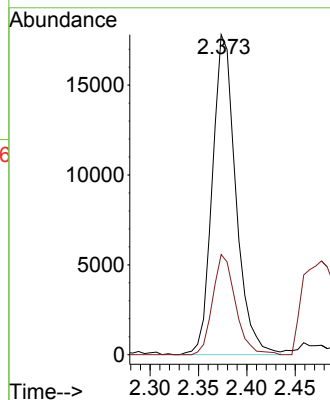
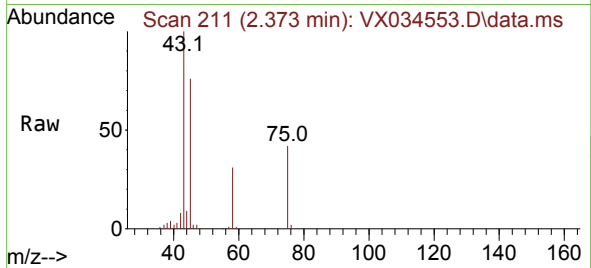




#16
Acetone
Concen: 19.091 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

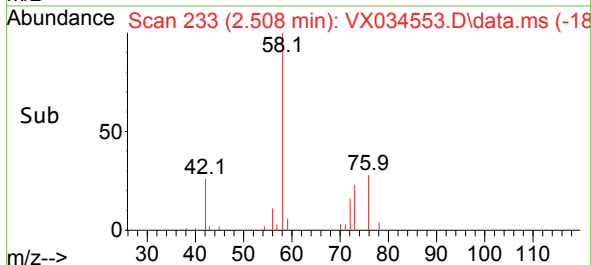
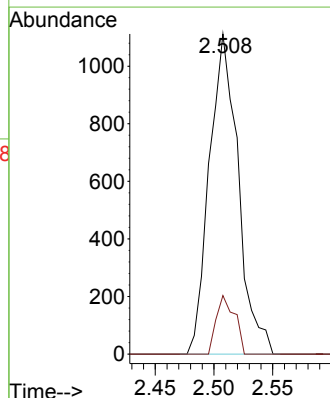
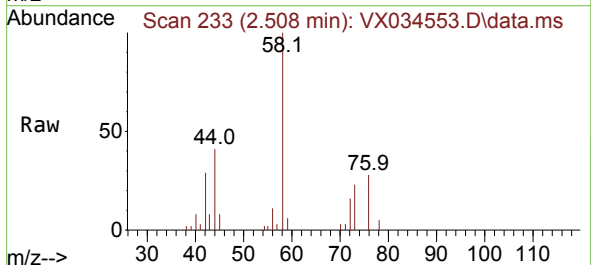
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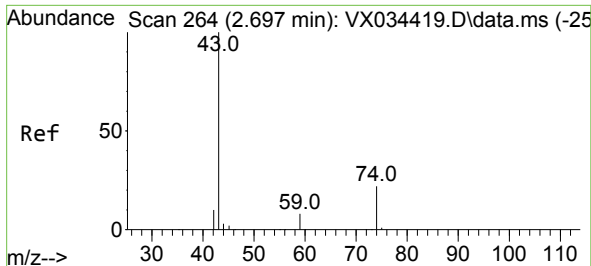
Tgt Ion: 43 Resp: 30078
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 76 Resp: 1902
Ion Ratio Lower Upper
76 100
78 18.3 7.2 10.8#

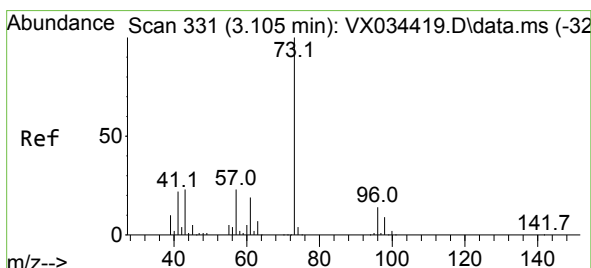
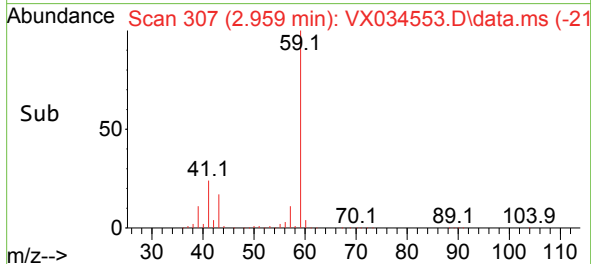
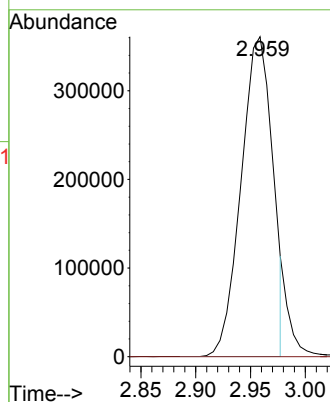
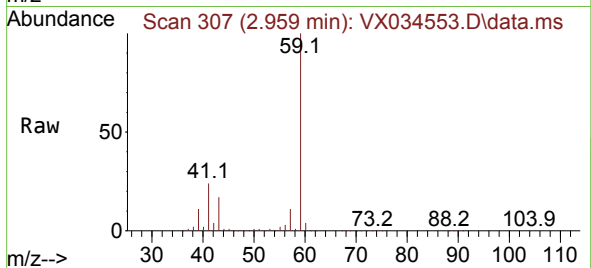




#18
Methyl Acetate
Concen: 140.348 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.262 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

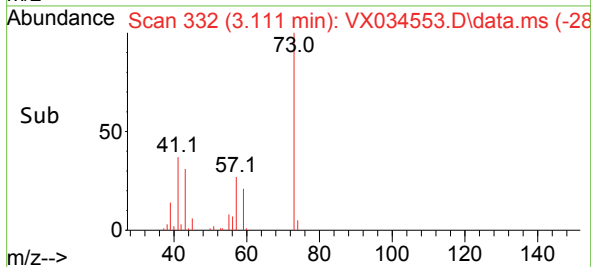
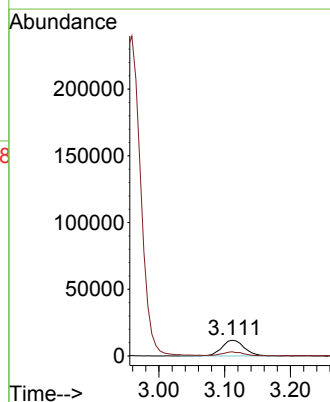
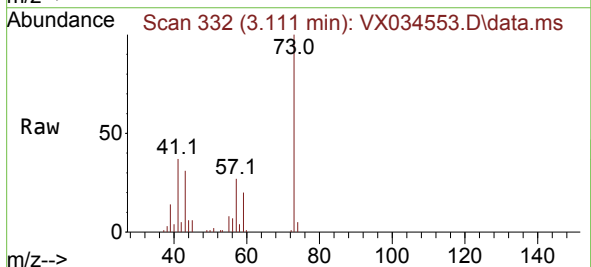
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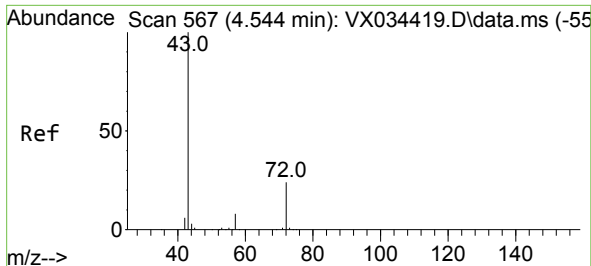
Tgt Ion: 43 Resp: 722525
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 3.128 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 73 Resp: 28190
Ion Ratio Lower Upper
73 100
57 25.1 18.5 27.7

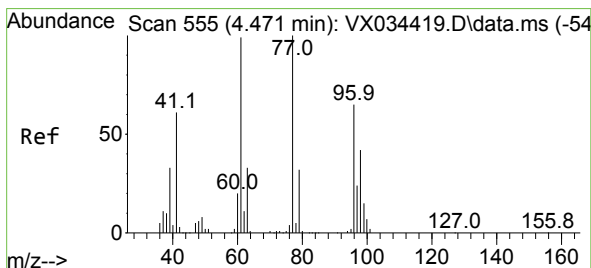
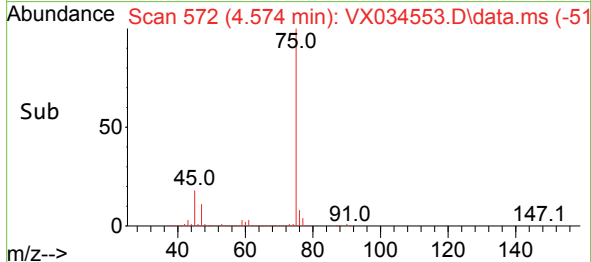
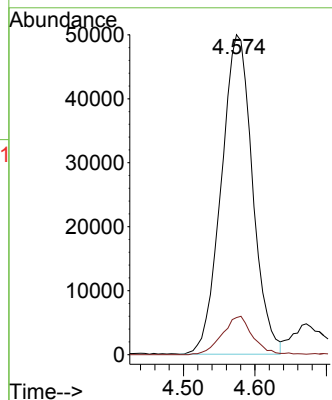
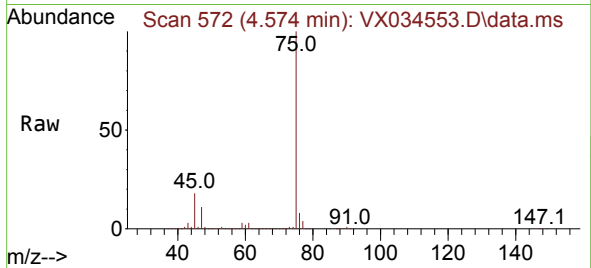




#25
2-Butanone
Concen: 67.266 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

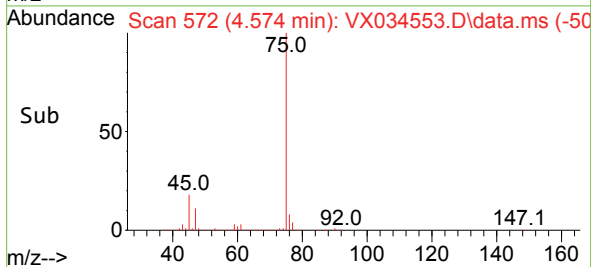
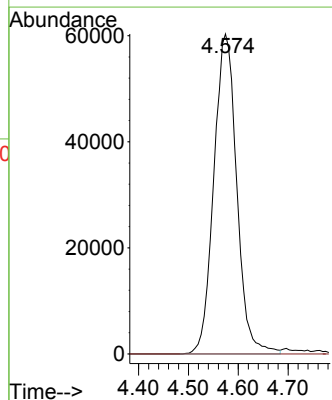
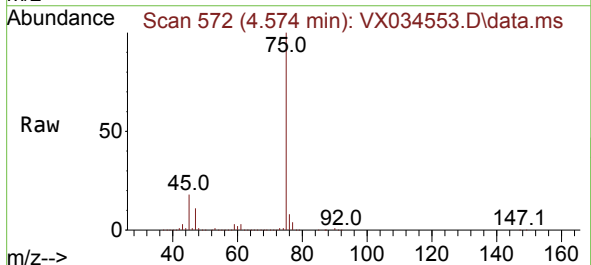
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

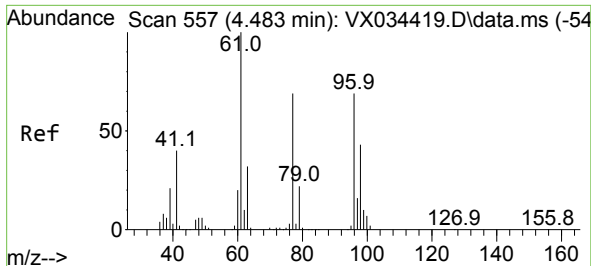
Tgt Ion: 43 Resp: 151643
Ion Ratio Lower Upper
43 100
72 11.6 19.3 28.9#



#26
2,2-Dichloropropane
Concen: 42.364 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.104 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 77 Resp: 192584
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 0.853 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

230315025-02-VOA

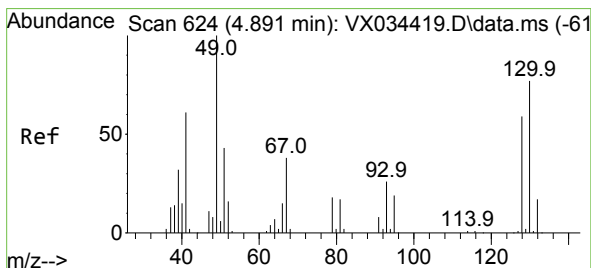
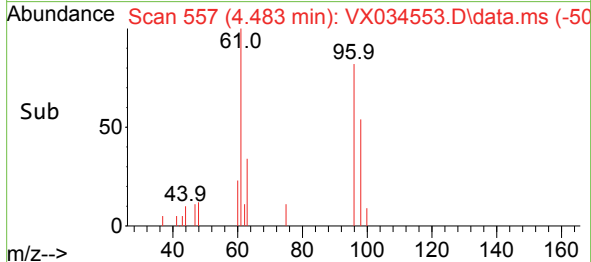
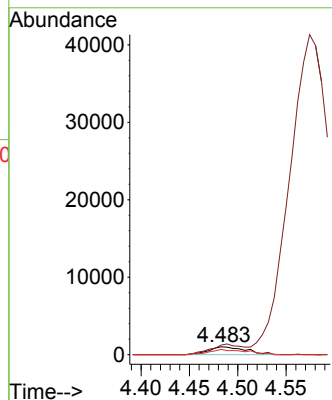
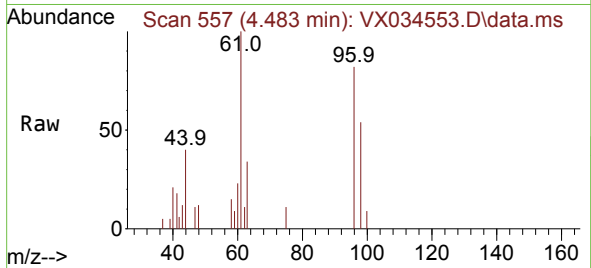
Tgt Ion: 96 Resp: 2745

Ion Ratio Lower Upper

96 100

61 0.0 0.0 300.4

98 66.5 0.0 129.0



#28

Bromochloromethane

Concen: 1.038 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.104 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

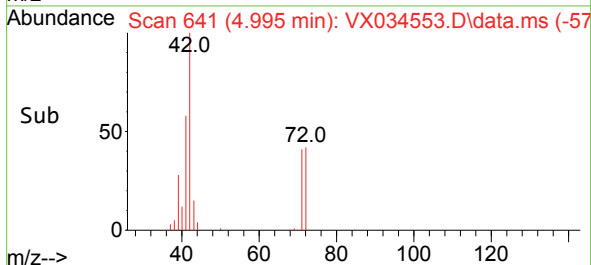
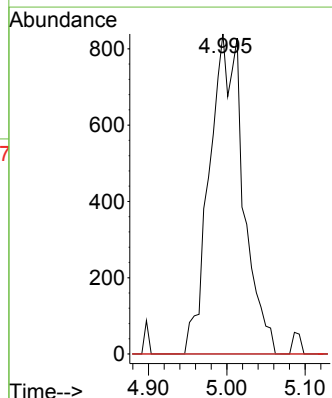
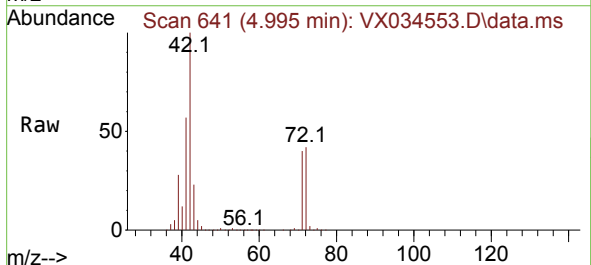
Tgt Ion: 49 Resp: 2523

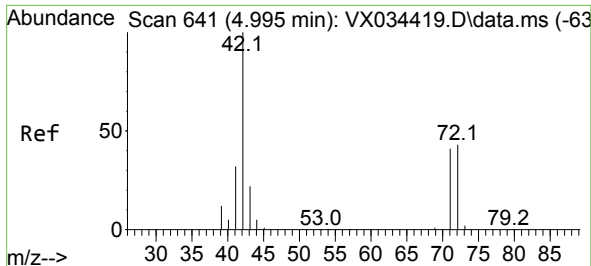
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.2 87.2#

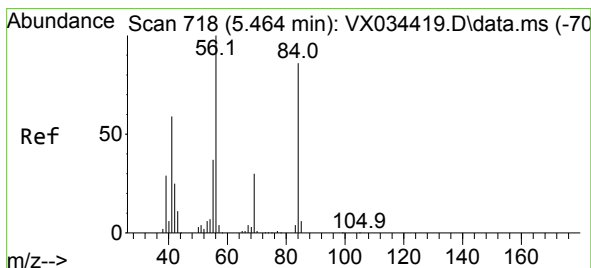
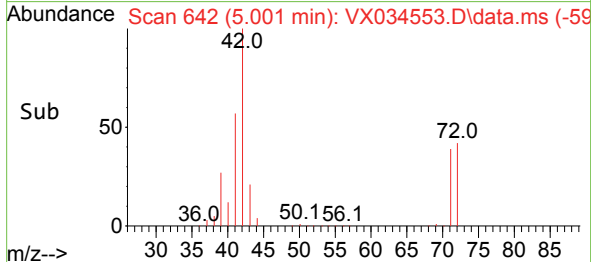
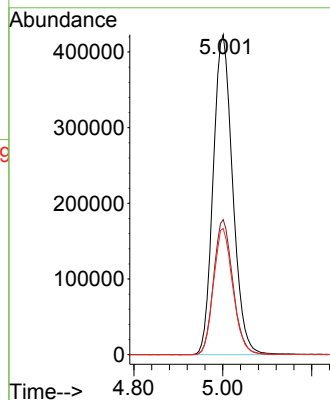
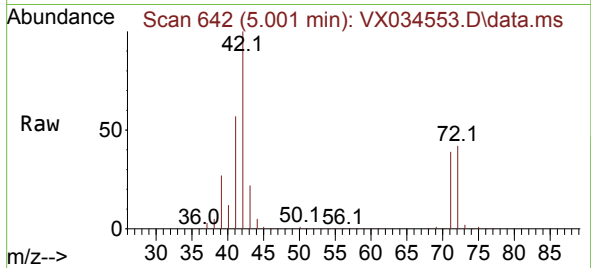




#29
Tetrahydrofuran
Concen: 923.821 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

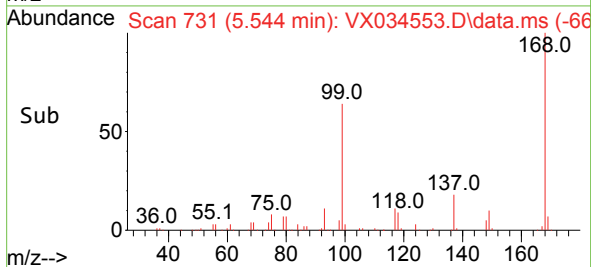
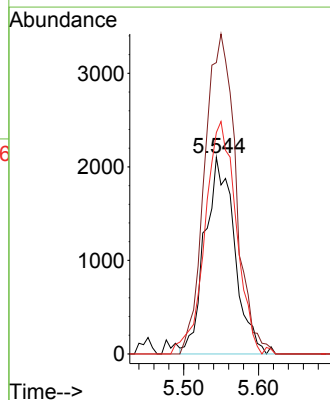
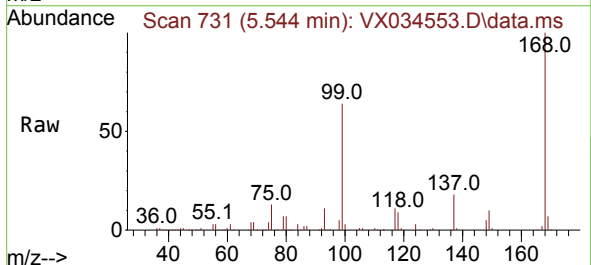
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

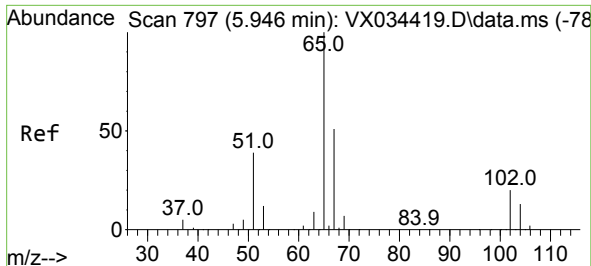
Tgt Ion: 42 Resp: 1285117
Ion Ratio Lower Upper
42 100
72 41.8 34.5 51.7
71 39.3 32.1 48.1



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 56 Resp: 5795
Ion Ratio Lower Upper
56 100
69 148.2 23.7 35.5#
84 112.6 68.5 102.7#

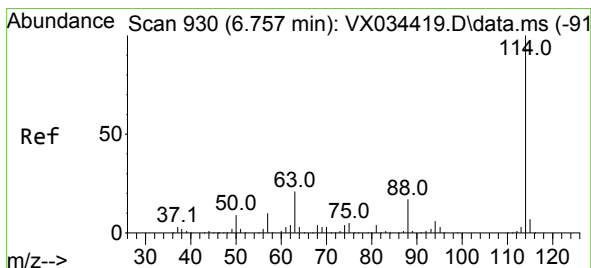
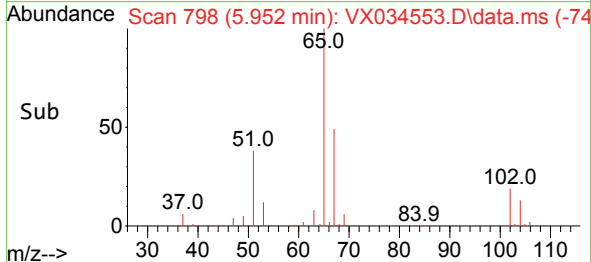
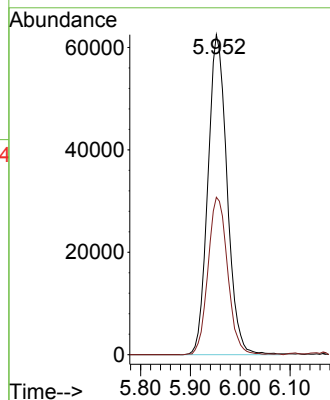
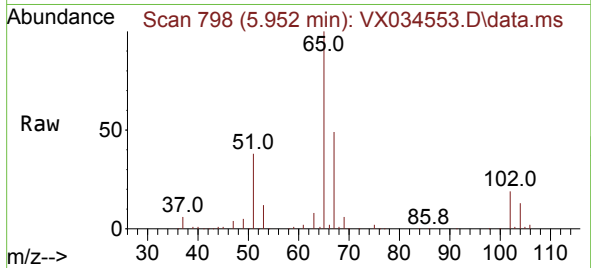




#33
1,2-Dichloroethane-d4
Concen: 49.832 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

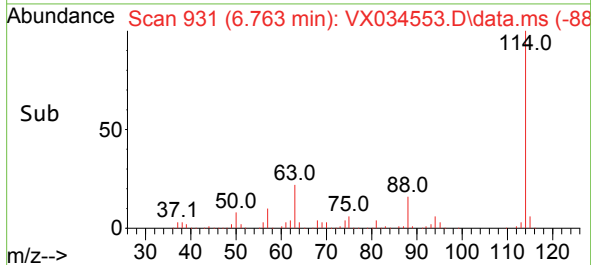
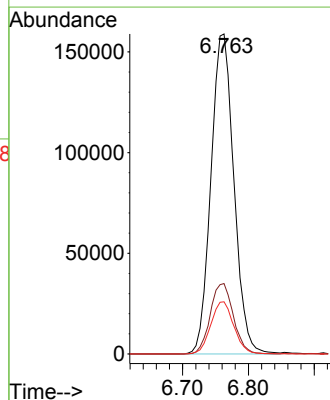
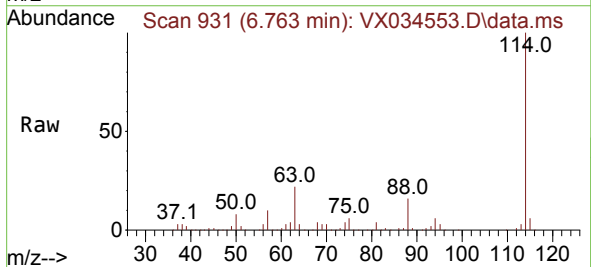
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

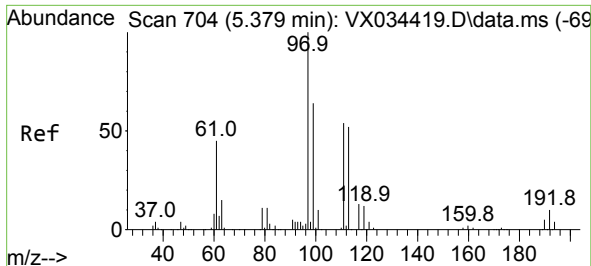
Tgt Ion: 65 Resp: 166676
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 114 Resp: 386268
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.3 0.0 33.2

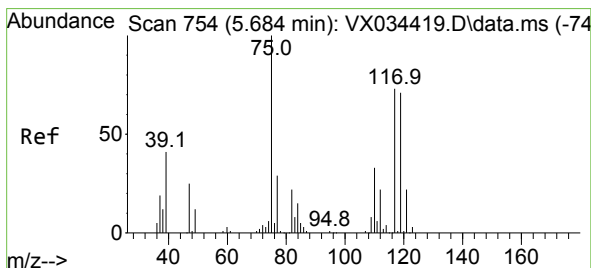
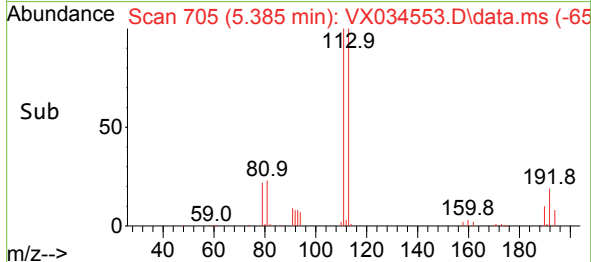
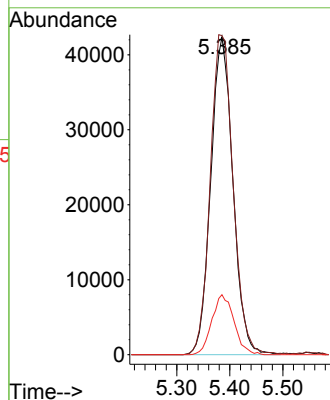
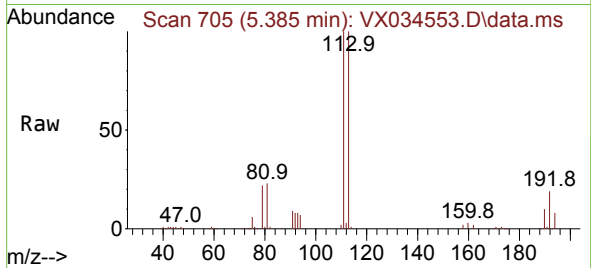




#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

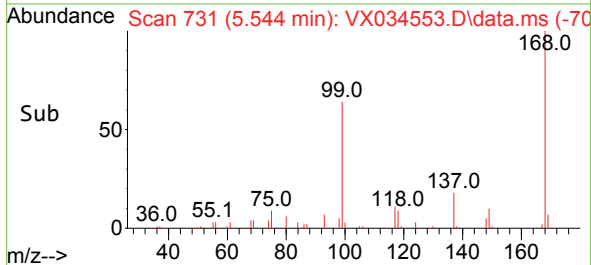
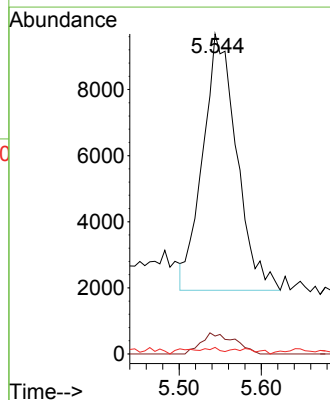
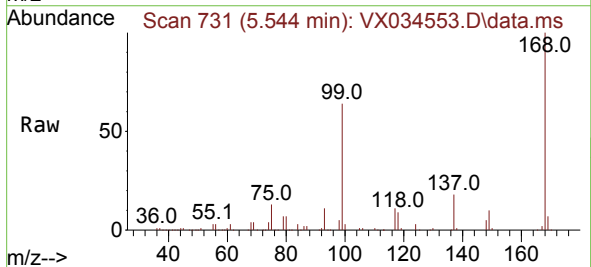
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

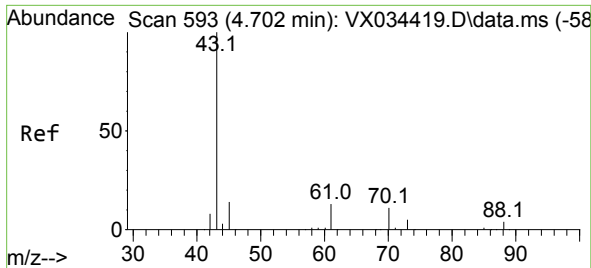
Tgt Ion:113 Resp: 122894
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.671 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 75 Resp: 22216
Ion Ratio Lower Upper
75 100
110 8.1 17.5 52.5#
77 0.5 24.3 36.5#





#37

Ethyl Acetate

Concen: 3.444 ug/l

RT: 4.672 min Scan# 51

Delta R.T. -0.031 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

230315025-02-VOA

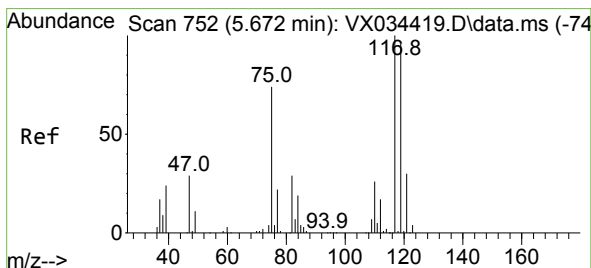
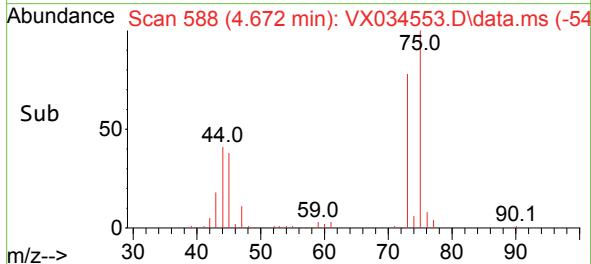
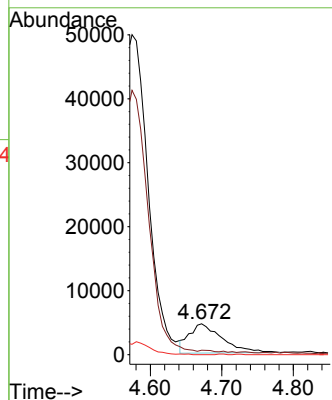
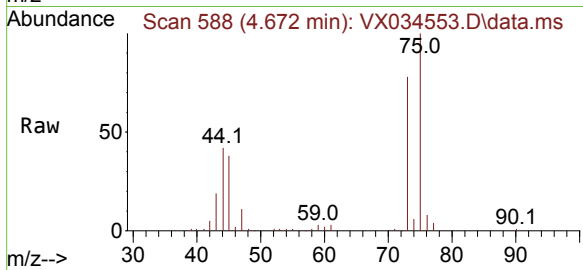
Tgt Ion: 43 Resp: 14738

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.127 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

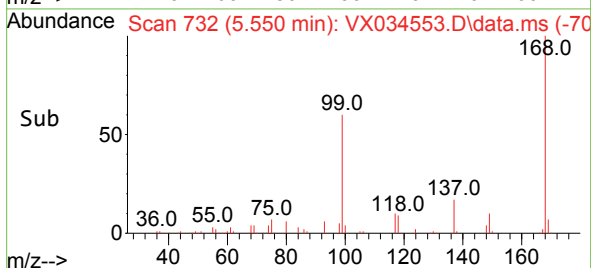
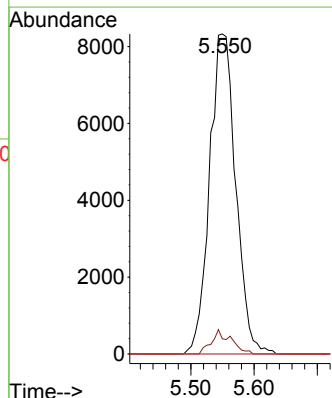
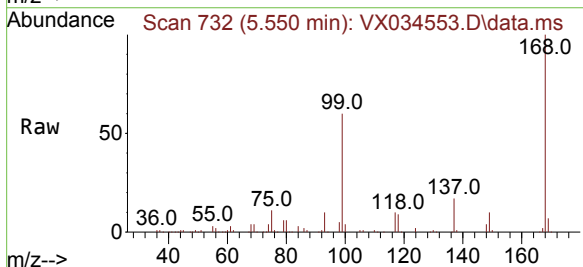
Tgt Ion: 117 Resp: 23877

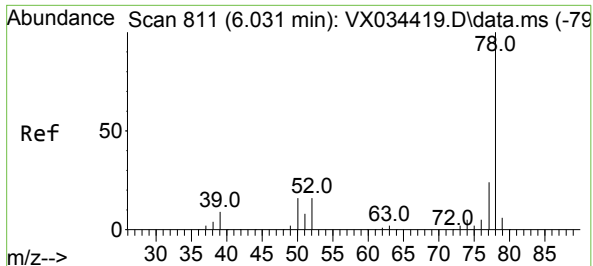
Ion Ratio Lower Upper

117 100

119 4.7 76.6 114.8#

121 0.0 23.8 35.6#

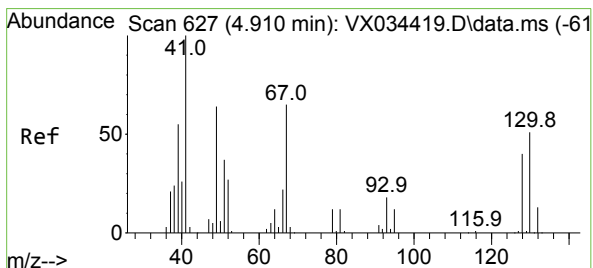
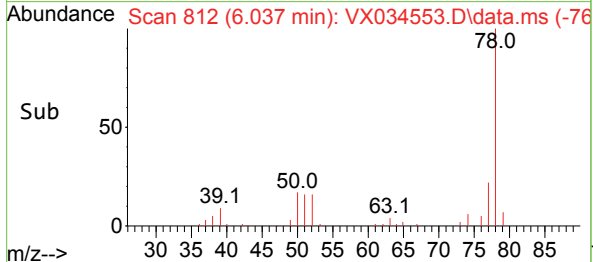
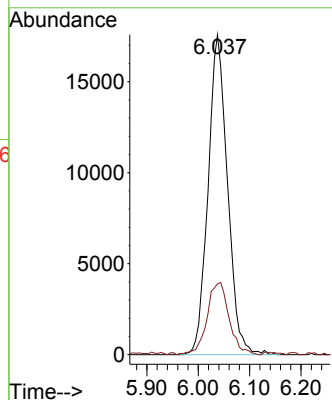
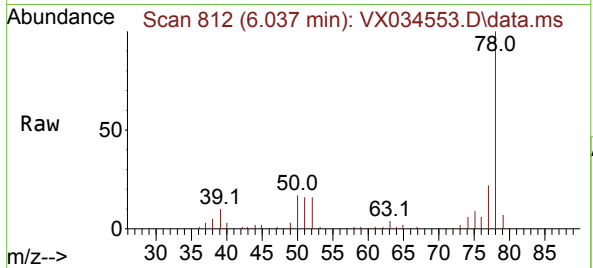




#40
Benzene
Concen: 4.029 ug/l
RT: 6.037 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

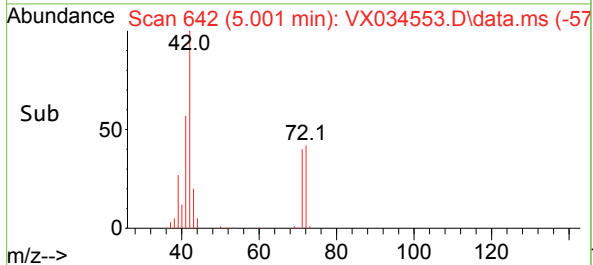
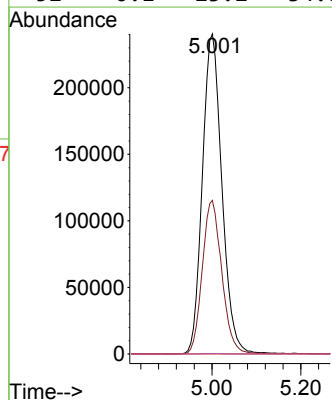
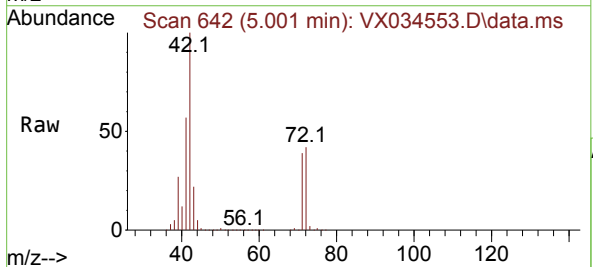
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

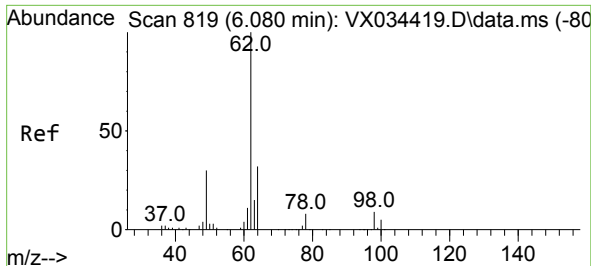
Tgt Ion: 78 Resp: 46169
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4



#41
Methacrylonitrile
Concen: 313.436 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.091 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 41 Resp: 735083
Ion Ratio Lower Upper
41 100
39 47.9 45.0 67.6
67 0.0 55.6 83.4#
52 0.1 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 0.469 ug/l

RT: 6.098 min Scan# 819

Delta R.T. 0.018 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

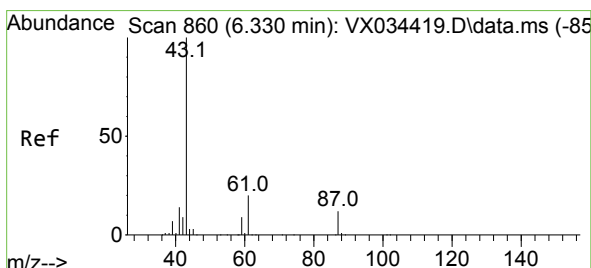
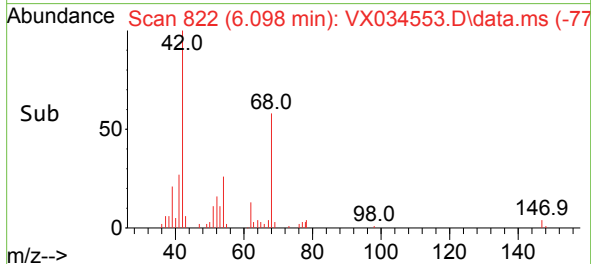
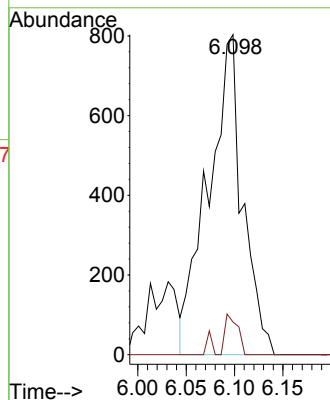
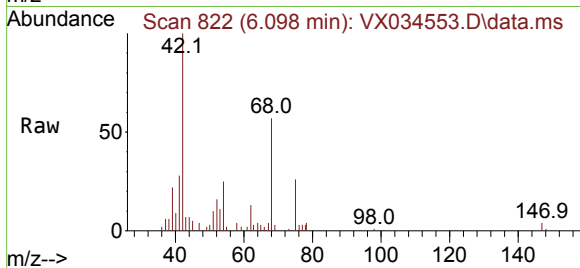
230315025-02-VOA

Tgt Ion: 62 Resp: 1974

Ion Ratio Lower Upper

62 100

98 4.7 0.0 18.0



#43

Isopropyl Acetate

Concen: 0.539 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

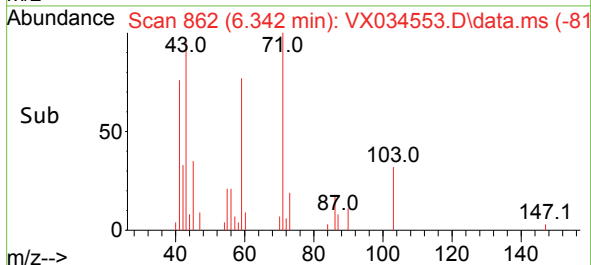
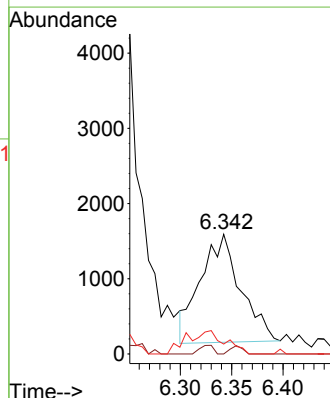
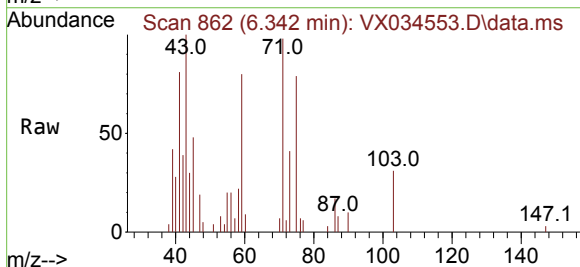
Tgt Ion: 43 Resp: 3905

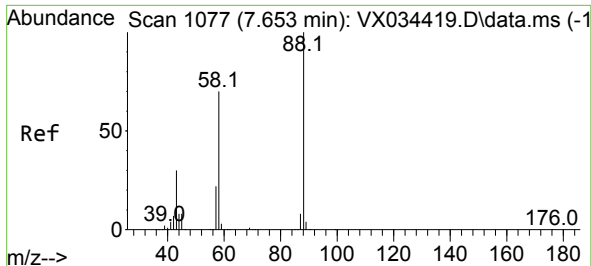
Ion Ratio Lower Upper

43 100

61 2.3 15.2 22.8#

87 0.0 9.8 14.8#





#49

1,4-Dioxane

Concen: 120.179 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

230315025-02-VOA

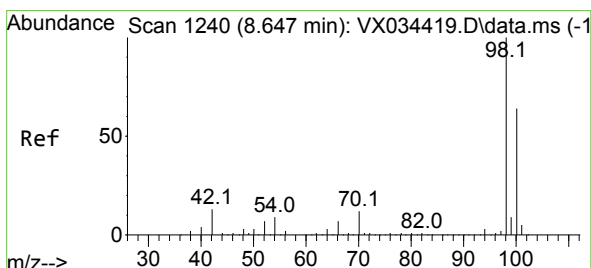
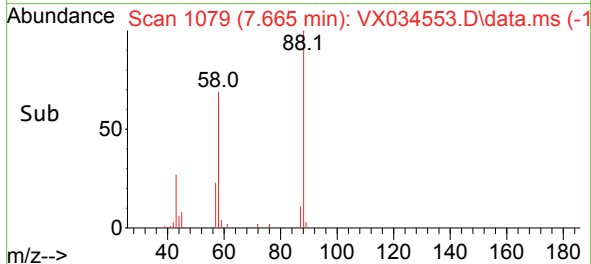
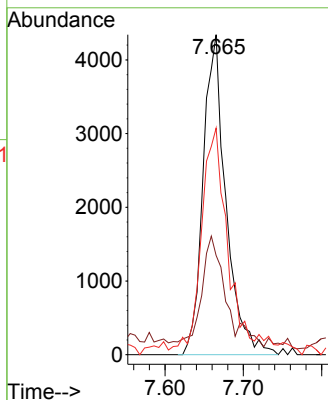
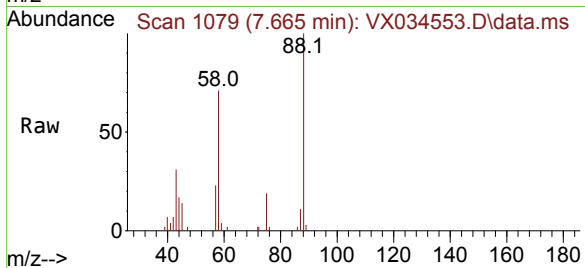
Tgt Ion: 88 Resp: 8801

Ion Ratio Lower Upper

88 100

43 36.6 27.7 41.5

58 75.5 56.8 85.2



#50

Toluene-d8

Concen: 49.450 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034553.D

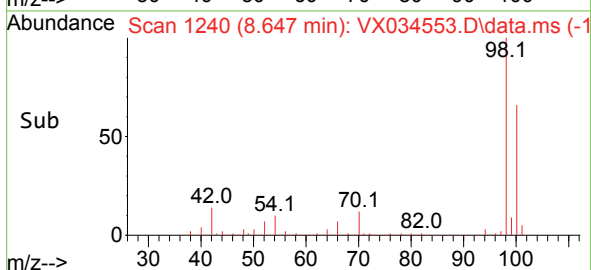
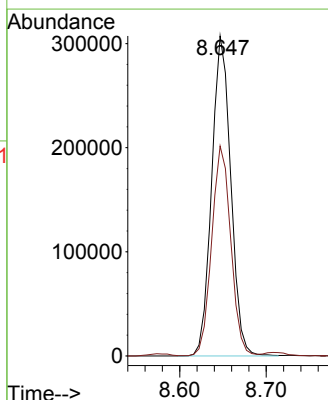
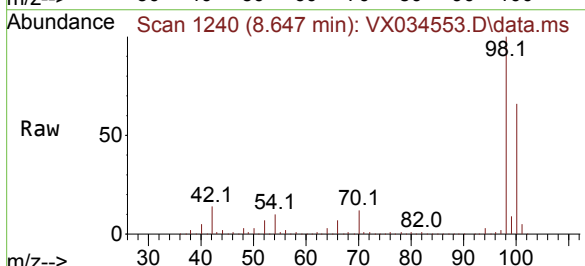
Acq: 16 Mar 2023 18:09

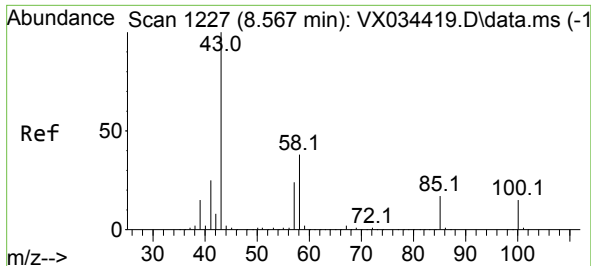
Tgt Ion: 98 Resp: 470791

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

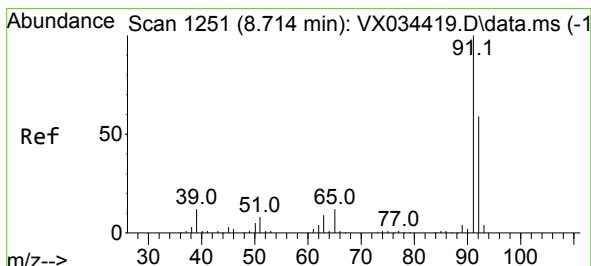
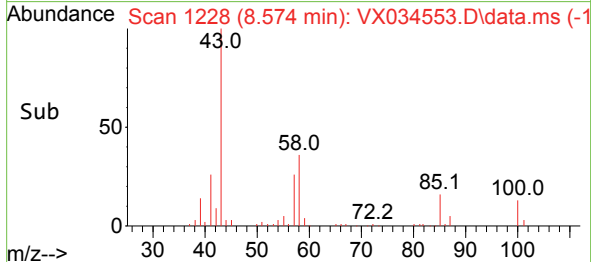
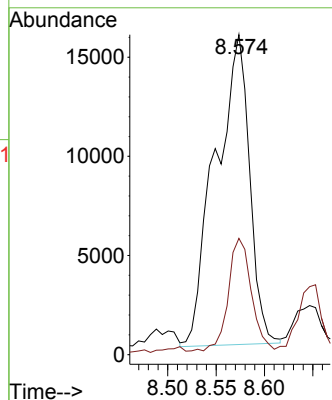
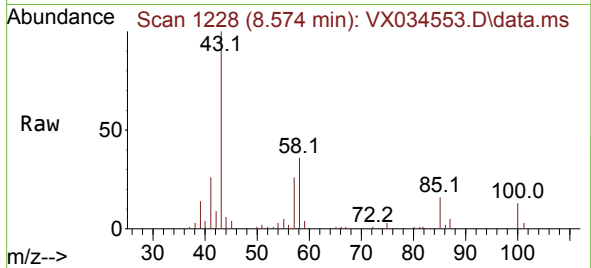




#51
4-Methyl-2-Pentanone
Concen: 9.143 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

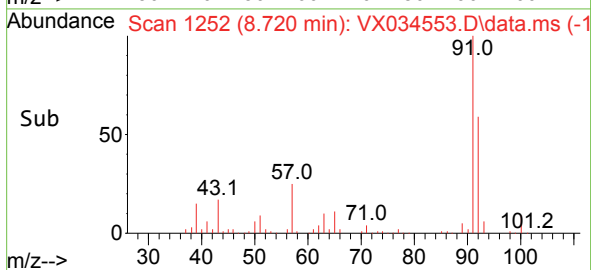
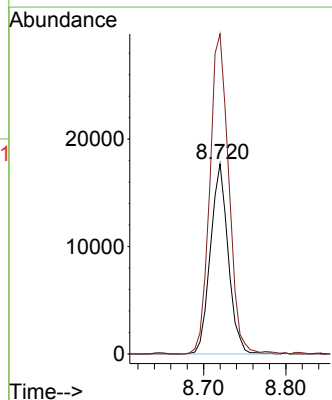
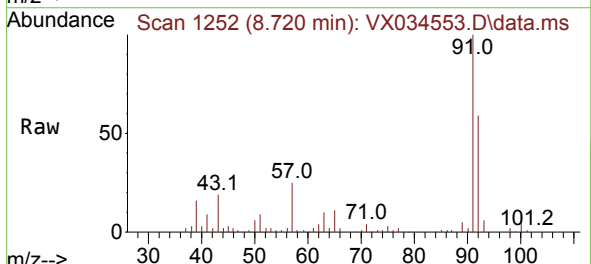
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

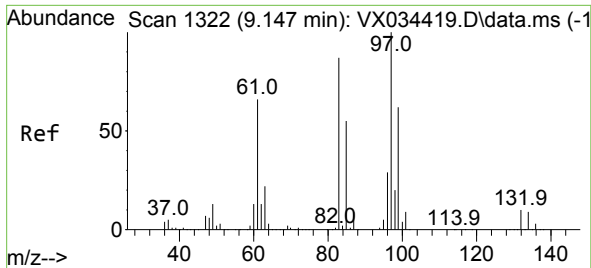
Tgt Ion: 43 Resp: 38451
Ion Ratio Lower Upper
43 100
58 24.7 30.6 46.0#



#52
Toluene
Concen: 3.746 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 92 Resp: 26576
Ion Ratio Lower Upper
92 100
91 180.0 136.8 205.2

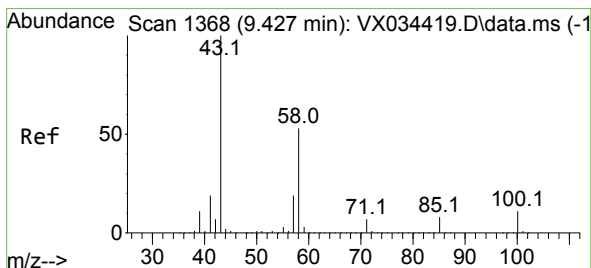
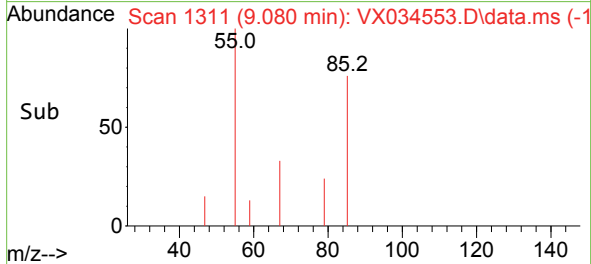
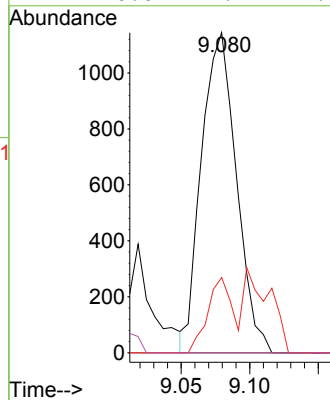
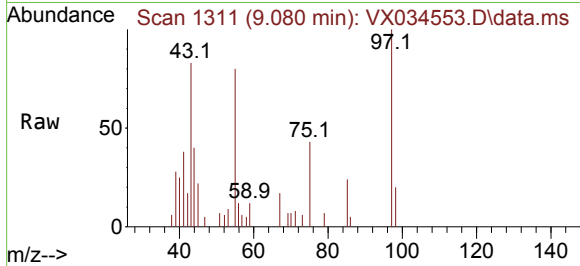




#55
 1,1,2-Trichloroethane
 Concen: 0.720 ug/l
 RT: 9.080 min Scan# 11
 Delta R.T. -0.067 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

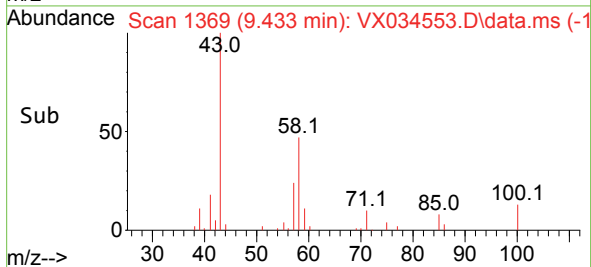
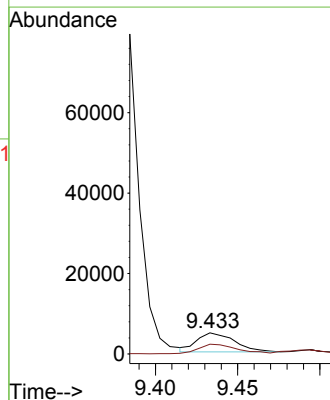
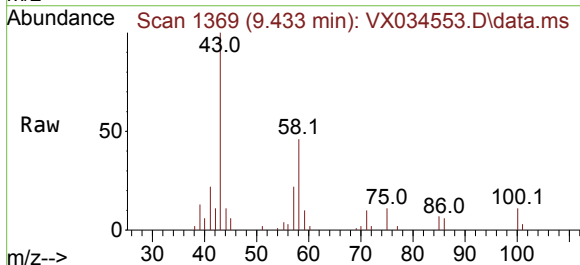
Instrument :
 MSVOA_X
 ClientSampleId :
 230315025-02-VOA

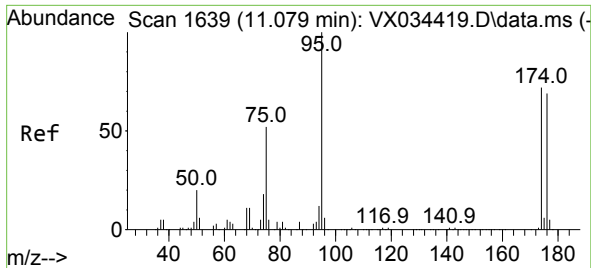
Tgt Ion: 97	Resp: 2026
Ion Ratio	Lower Upper
97 100	
83 0.0	69.7 104.5#
85 23.5	43.7 65.5#
99 0.0	49.7 74.5#



#59
 2-Hexanone
 Concen: 2.294 ug/l
 RT: 9.433 min Scan# 1369
 Delta R.T. 0.006 min
 Lab File: VX034553.D
 Acq: 16 Mar 2023 18:09

Tgt Ion: 43	Resp: 7457
Ion Ratio	Lower Upper
43 100	
58 51.2	26.3 78.9

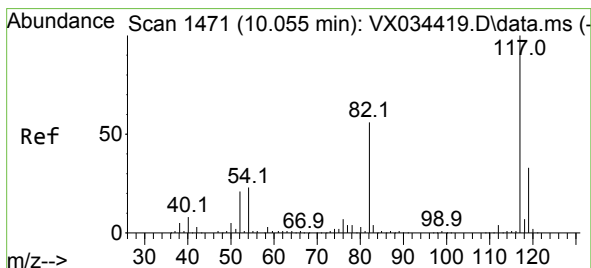
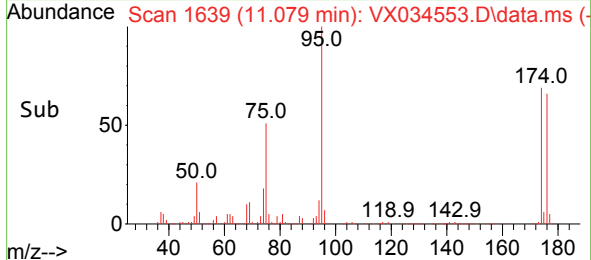
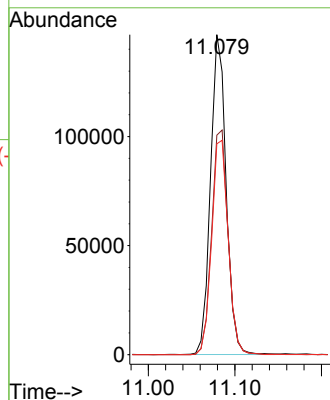
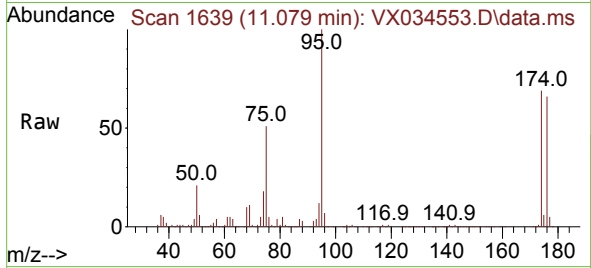




#62
4-Bromofluorobenzene
Concen: 47.714 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

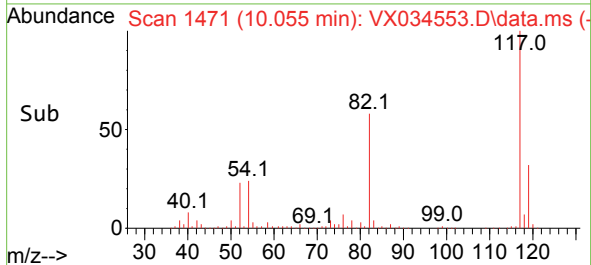
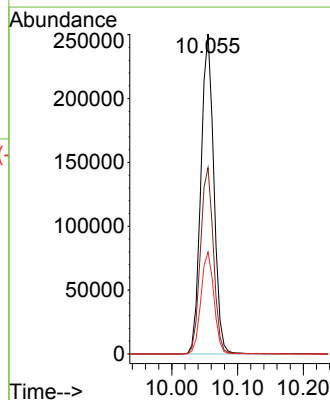
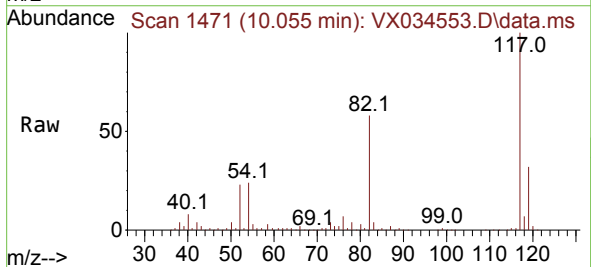
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

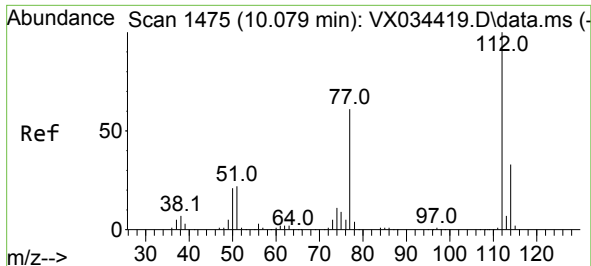
Tgt Ion: 95 Resp: 183488
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 71.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 117 Resp: 342789
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 31.9 26.0 39.0

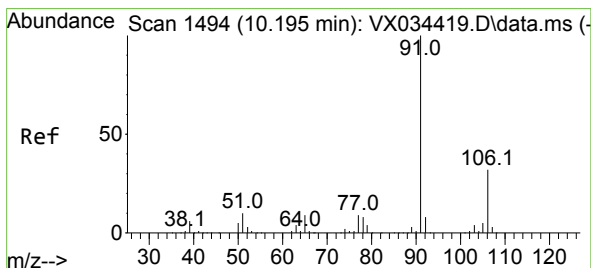
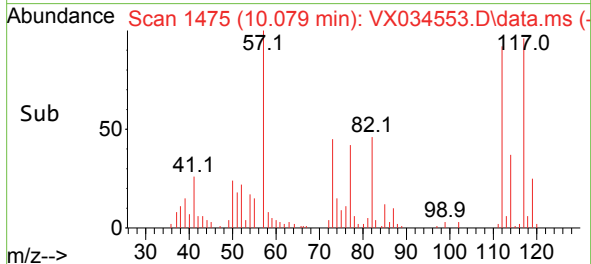
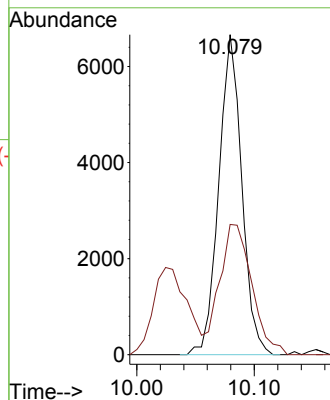
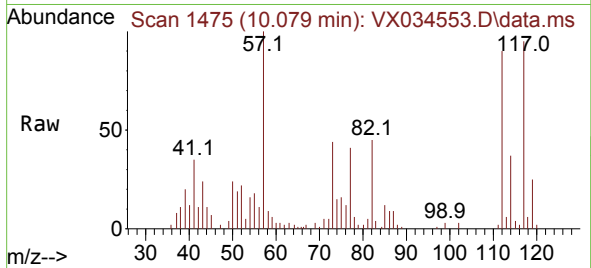




#65
Chlorobenzene
Concen: 1.204 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

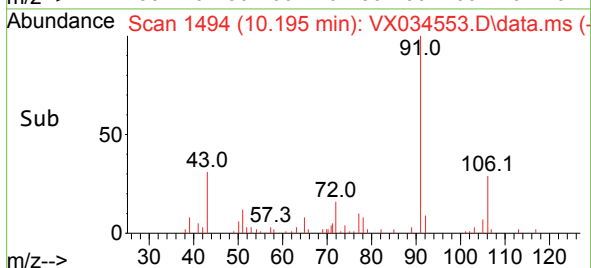
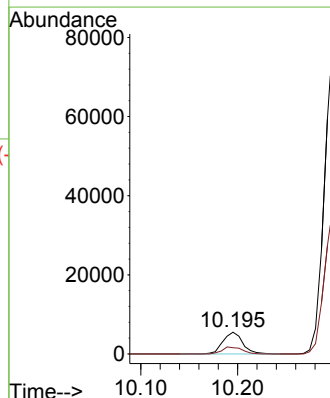
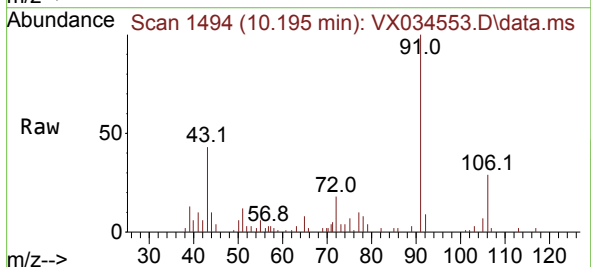
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

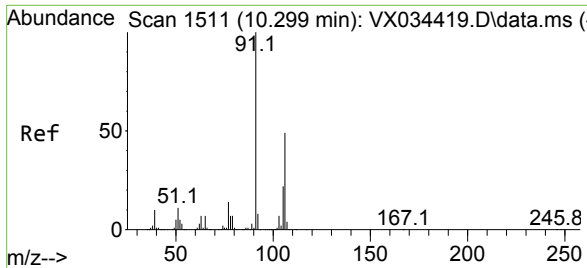
Tgt Ion:112 Resp: 9059
Ion Ratio Lower Upper
112 100
114 37.9 26.2 39.2



#67
Ethyl Benzene
Concen: 0.579 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 91 Resp: 7796
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

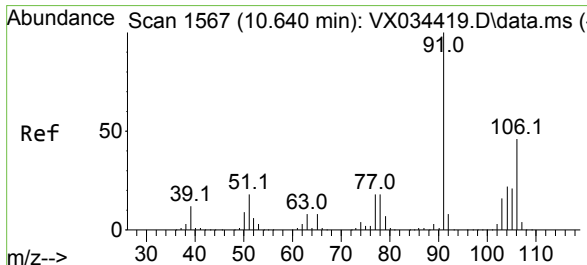
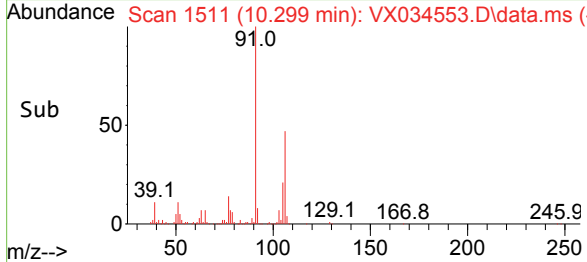
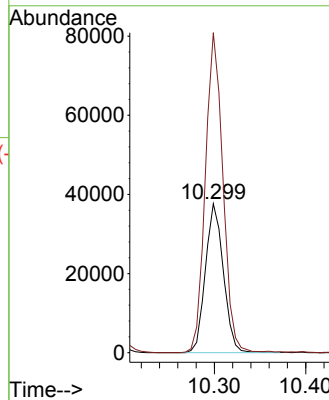
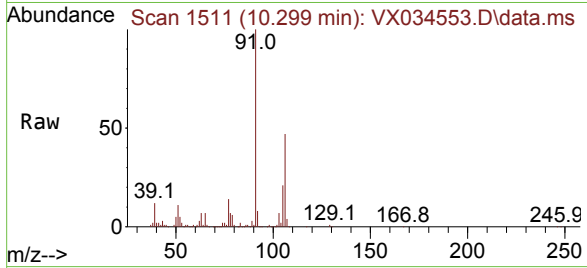




#68
m/p-Xylenes
Concen: 9.972 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

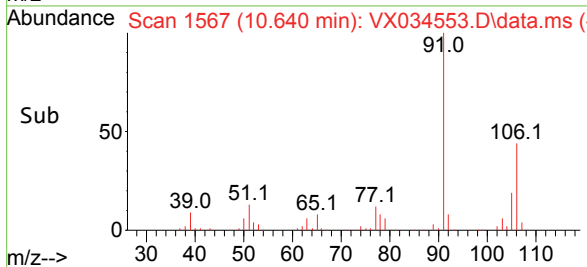
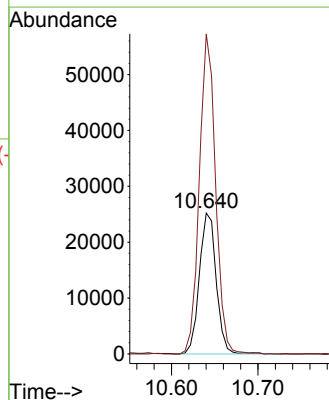
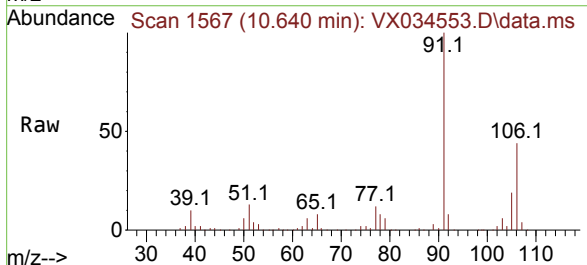
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

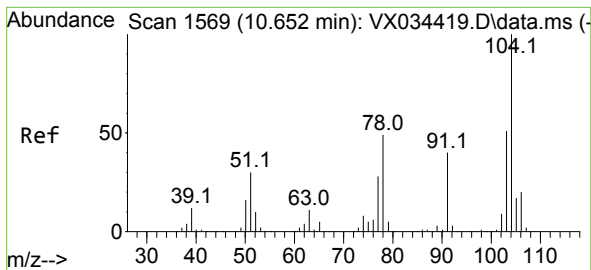
Tgt Ion:106 Resp: 51577
Ion Ratio Lower Upper
106 100
91 209.9 164.0 246.0



#69
o-Xylene
Concen: 6.561 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion:106 Resp: 34057
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.3





#70

Styrene

Concen: 0.402 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

230315025-02-VOA

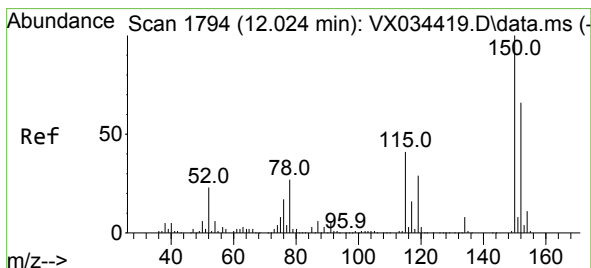
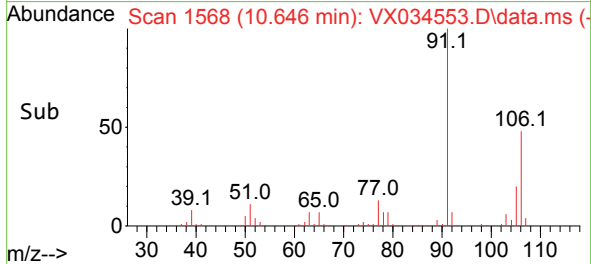
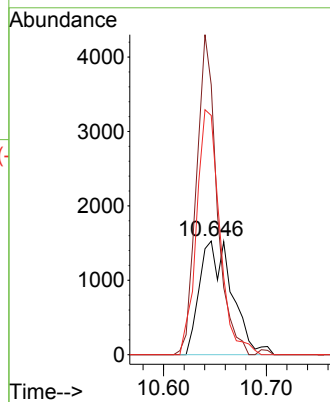
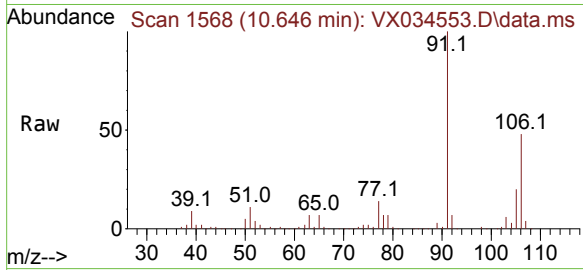
Tgt Ion:104 Resp: 3364

Ion Ratio Lower Upper

104 100

78 177.2 43.4 65.2#

103 154.2 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

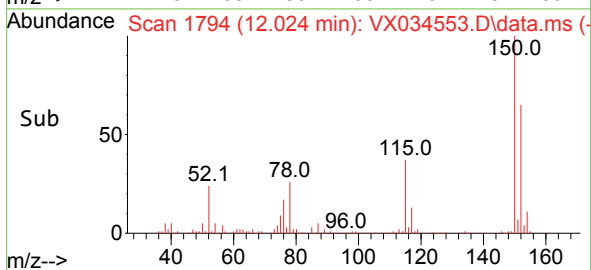
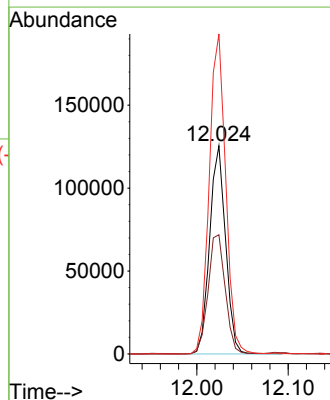
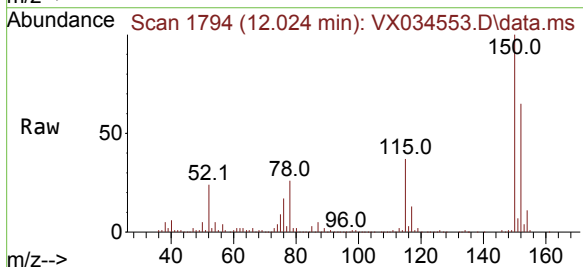
Tgt Ion:152 Resp: 151895

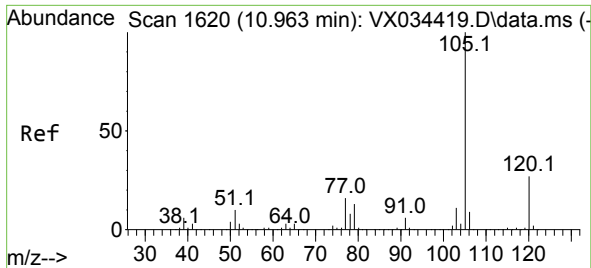
Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 157.8 0.0 352.4

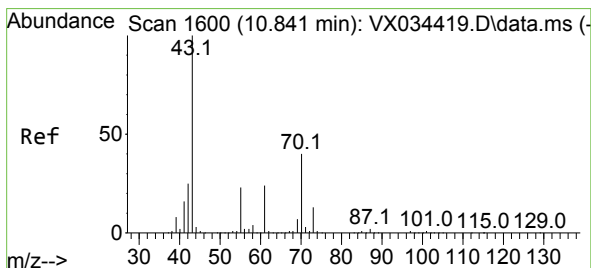
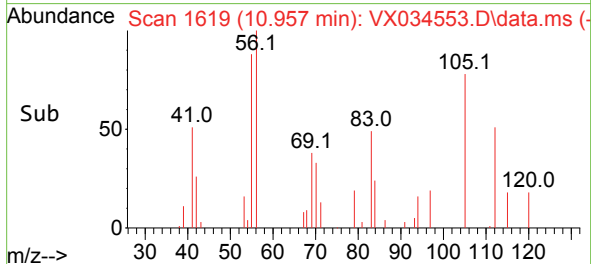
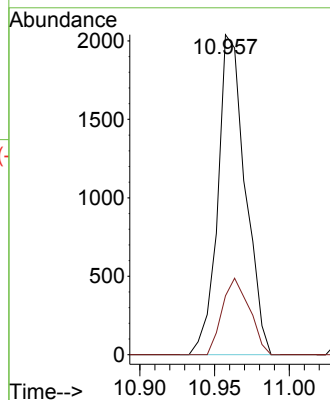
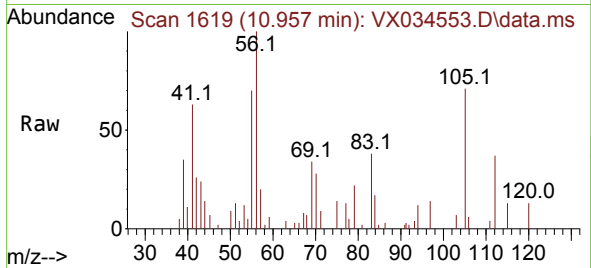




#73
Isopropylbenzene
Concen: 0.222 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

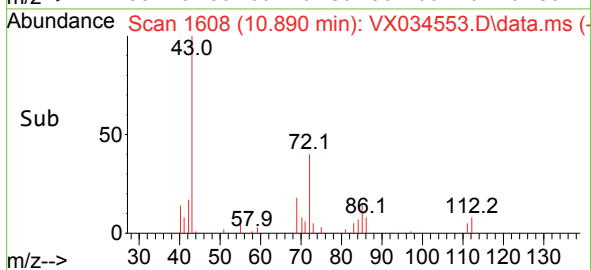
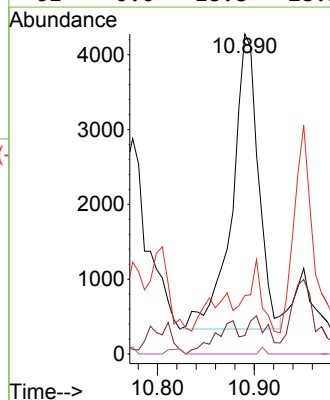
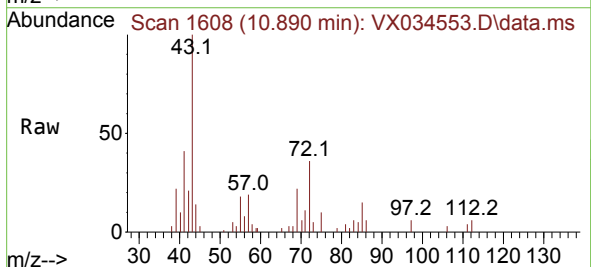
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

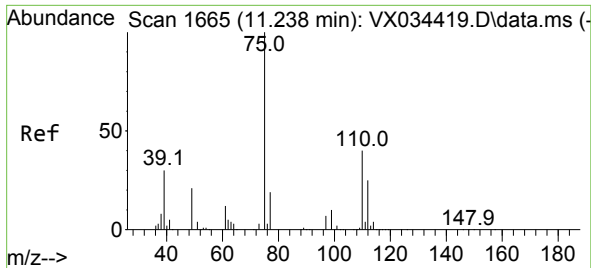
Tgt Ion:105 Resp: 2606
Ion Ratio Lower Upper
105 100
120 23.7 13.3 39.9



#74
N-ethyl acetate
Concen: 1.323 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.049 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 43 Resp: 7437
Ion Ratio Lower Upper
43 100
70 5.6 32.1 48.1#
55 13.2 18.3 27.5#
61 0.0 18.8 28.2#

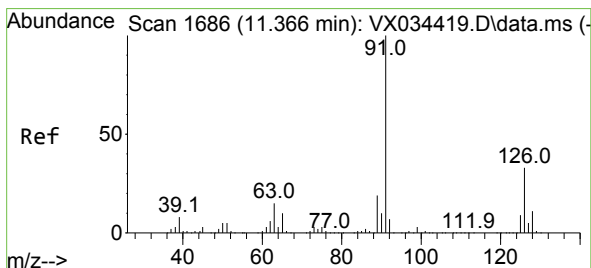
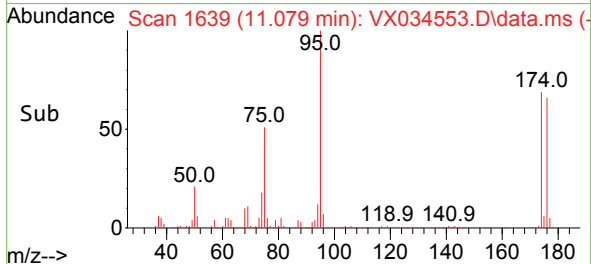
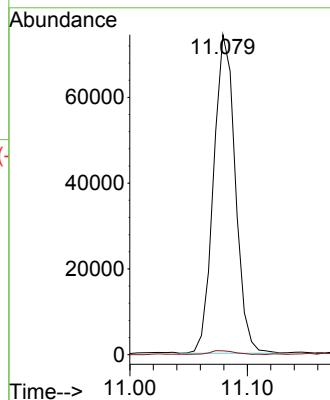
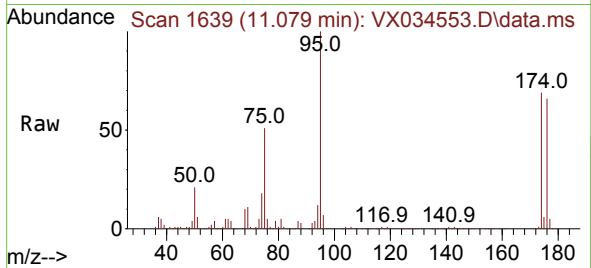




#76
1,2,3-Trichloropropane
Concen: 27.434 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

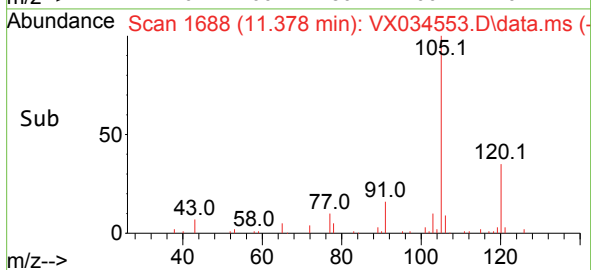
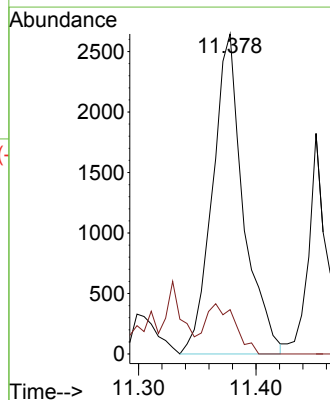
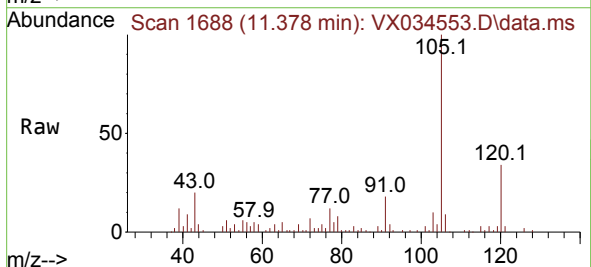
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

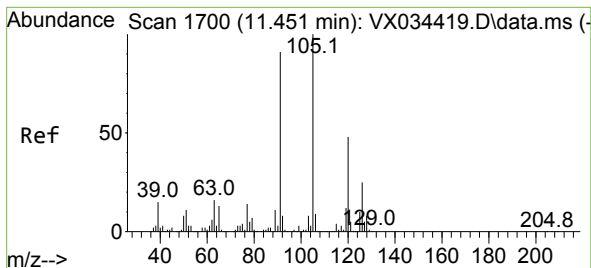
Tgt Ion: 75 Resp: 95682
Ion Ratio Lower Upper
75 100
77 1.6 21.6 64.8#



#79
2-Chlorotoluene
Concen: 0.577 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 91 Resp: 4830
Ion Ratio Lower Upper
91 100
126 15.3 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 1.204 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

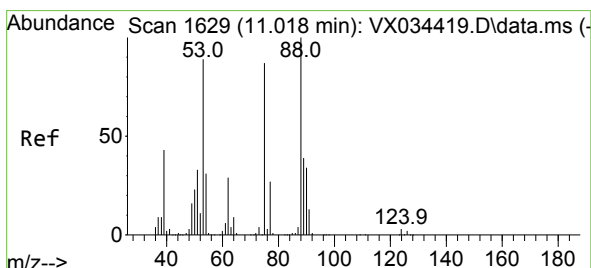
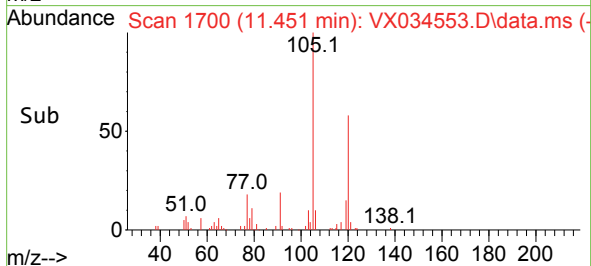
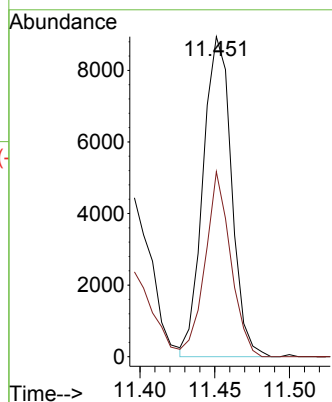
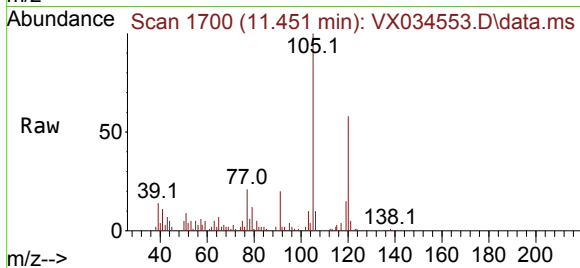
230315025-02-VOA

Tgt Ion:105 Resp: 11856

Ion Ratio Lower Upper

105 100

120 51.7 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 74.218 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

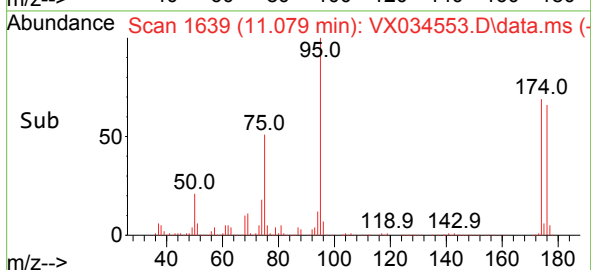
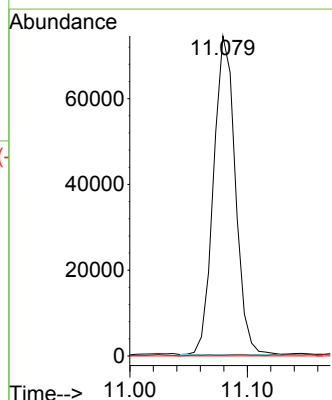
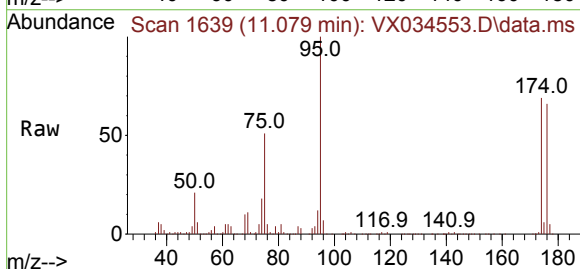
Tgt Ion: 75 Resp: 95682

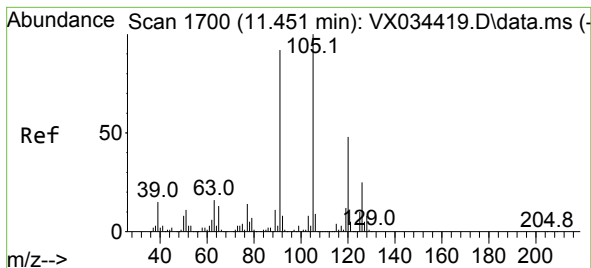
Ion Ratio Lower Upper

75 100

53 0.4 82.6 124.0#

89 0.0 36.9 55.3#

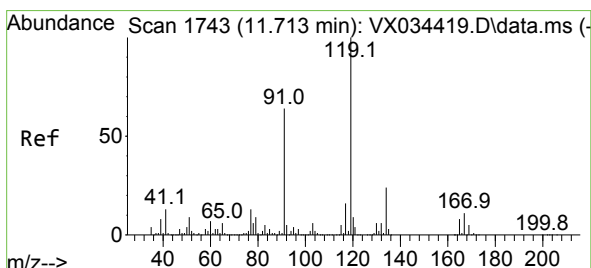
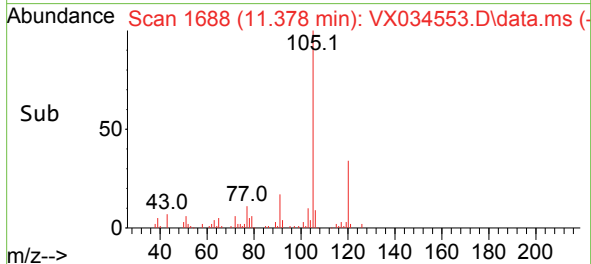
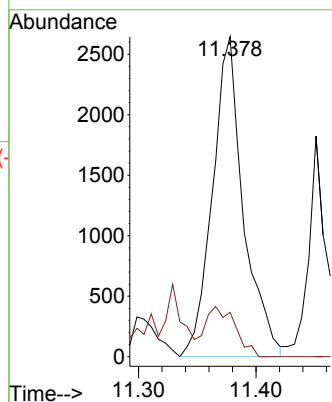
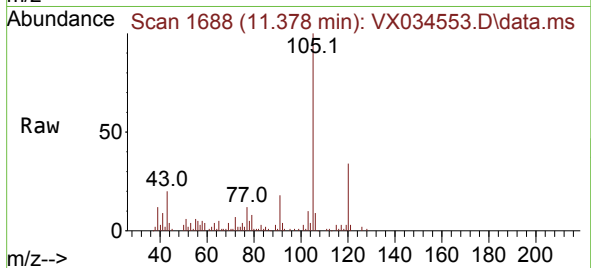




#82
4-Chlorotoluene
Concen: 0.501 ug/l
RT: 11.378 min Scan# 1786
Delta R.T. -0.073 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

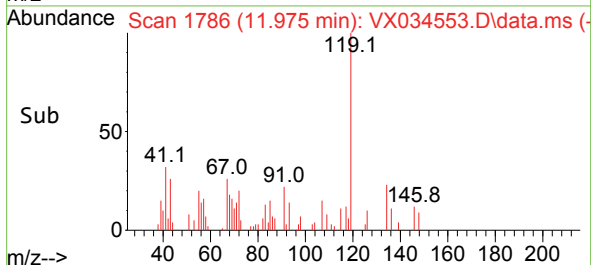
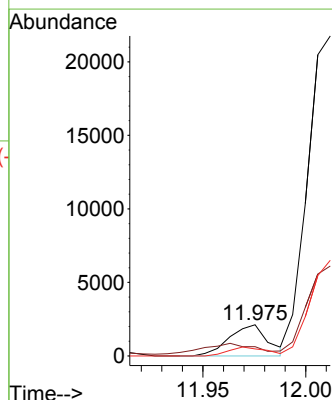
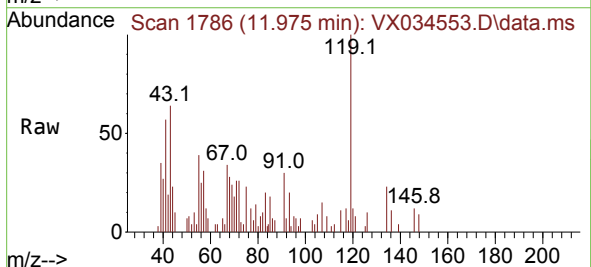
Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

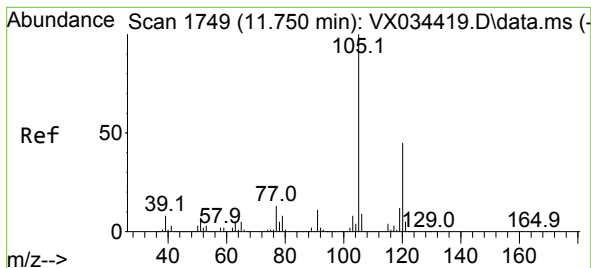
Tgt Ion: 91 Resp: 4830
Ion Ratio Lower Upper
91 100
126 15.3 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.277 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.262 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 119 Resp: 2748
Ion Ratio Lower Upper
119 100
91 45.3 30.6 92.0
134 28.4 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 3.874 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

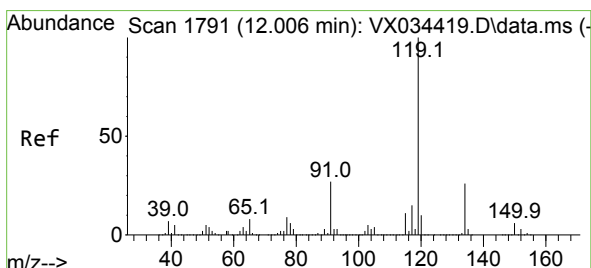
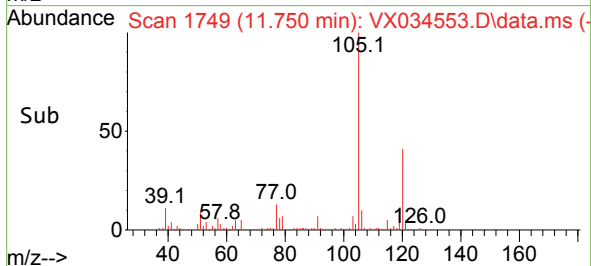
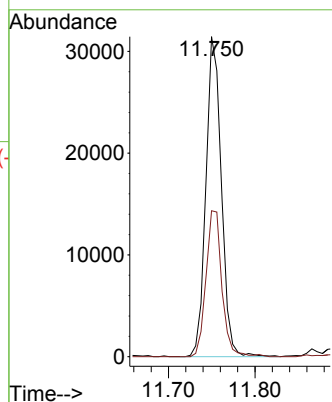
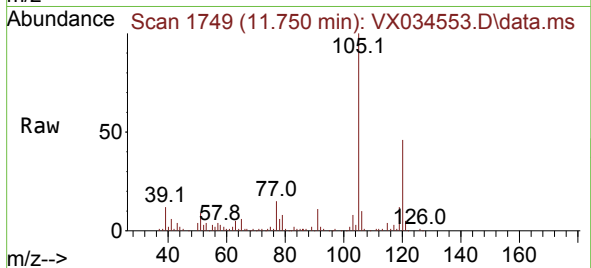
230315025-02-VOA

Tgt Ion:105 Resp: 38981

Ion Ratio Lower Upper

105 100

120 47.2 22.4 67.0



#86

p-Isopropyltoluene

Concen: 2.685 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

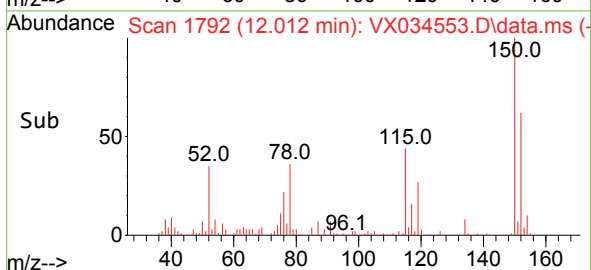
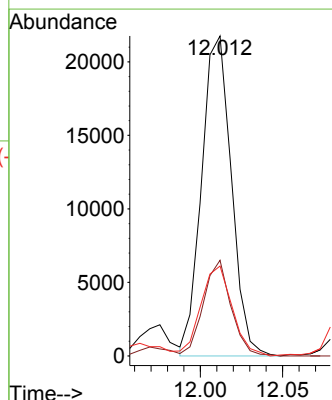
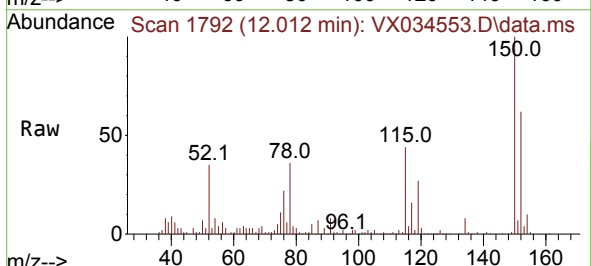
Tgt Ion:119 Resp: 27389

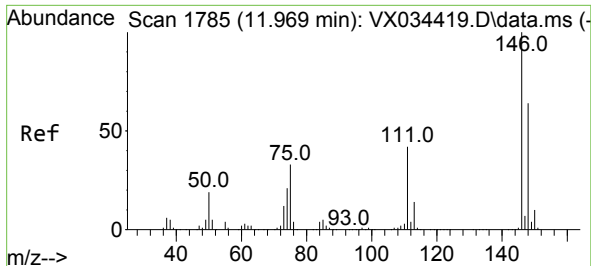
Ion Ratio Lower Upper

119 100

134 27.8 13.2 39.5

91 29.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 4.134 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

230315025-02-VOA

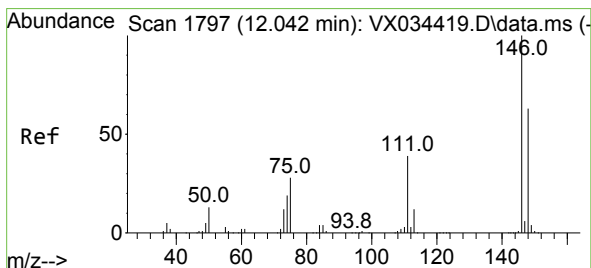
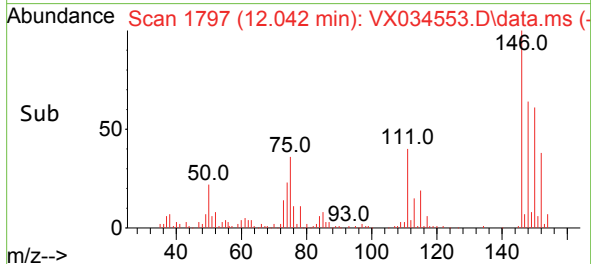
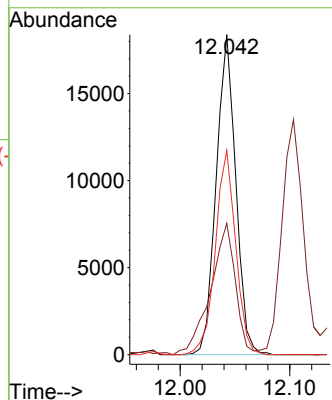
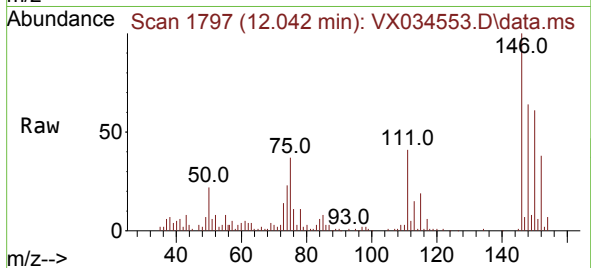
Tgt Ion:146 Resp: 22815

Ion Ratio Lower Upper

146 100

111 52.0 20.9 62.8

148 66.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 4.089 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

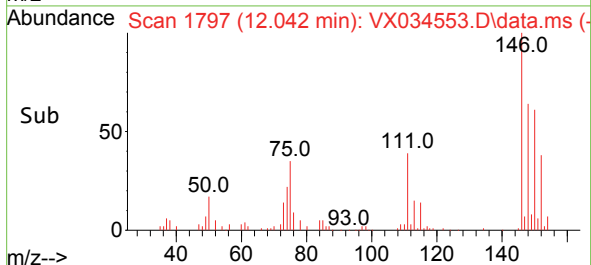
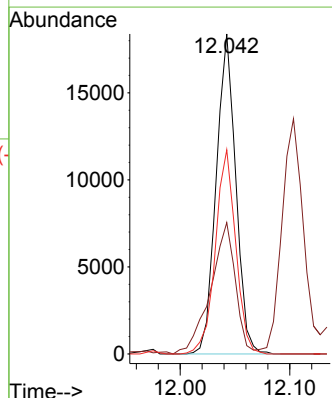
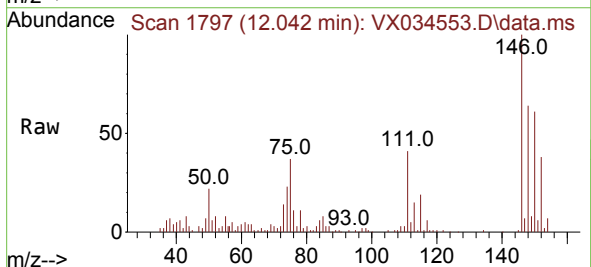
Tgt Ion:146 Resp: 22815

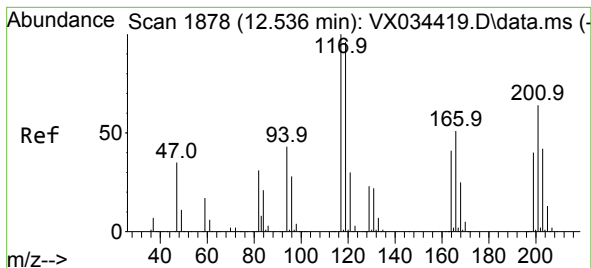
Ion Ratio Lower Upper

146 100

111 52.0 20.6 61.9

148 66.5 31.8 95.4





#90

Hexachloroethane

Concen: 0.500 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

Instrument :

MSVOA_X

ClientSampleId :

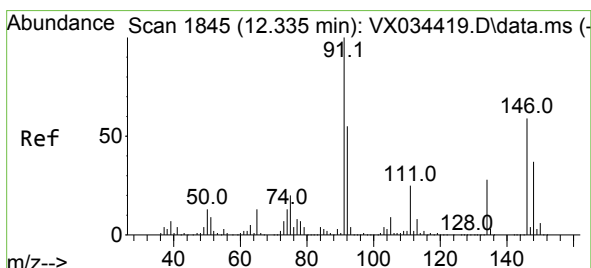
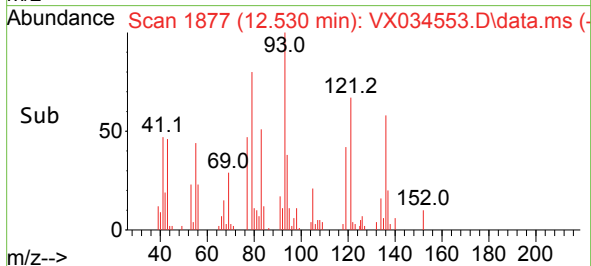
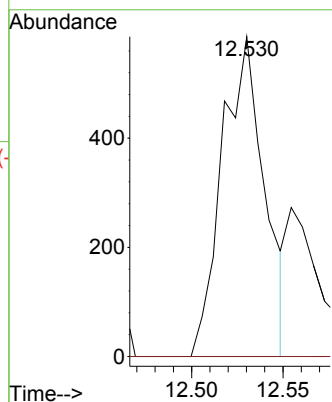
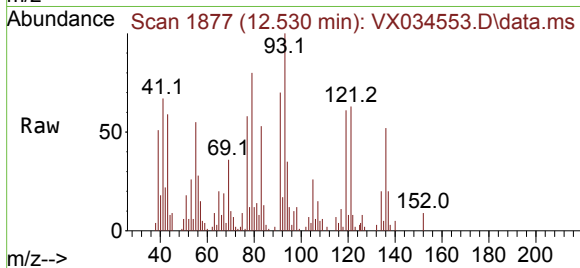
230315025-02-VOA

Tgt Ion:117 Resp: 944

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#91

1,2-Dichlorobenzene

Concen: 0.204 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034553.D

Acq: 16 Mar 2023 18:09

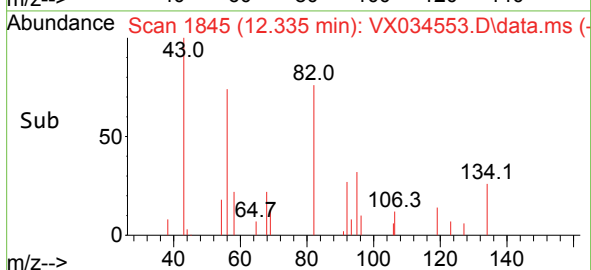
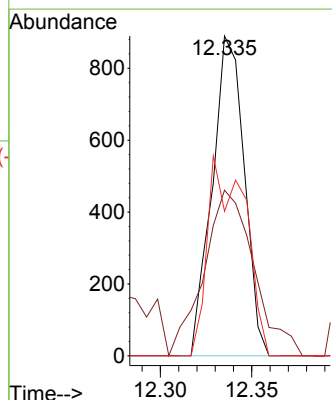
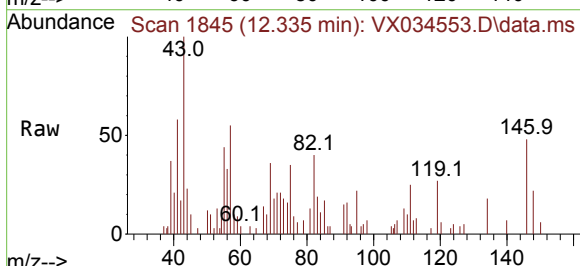
Tgt Ion:146 Resp: 1088

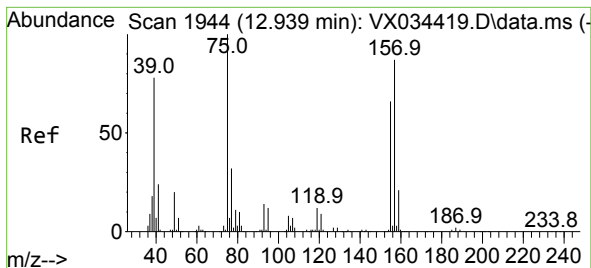
Ion Ratio Lower Upper

146 100

111 80.9 22.0 66.0#

148 72.6 32.0 96.0

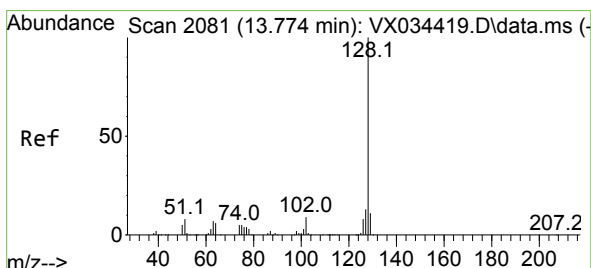
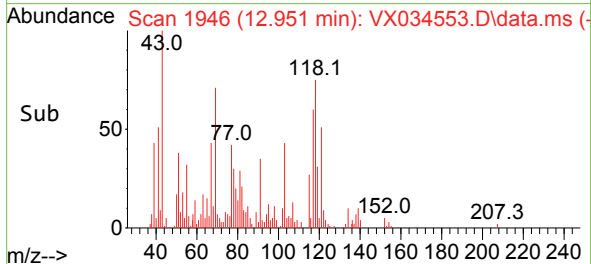
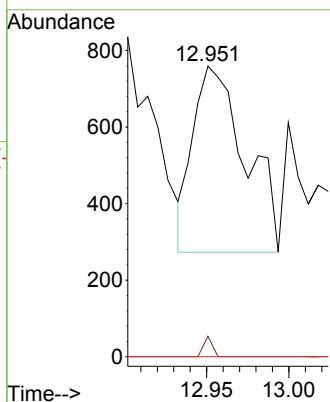
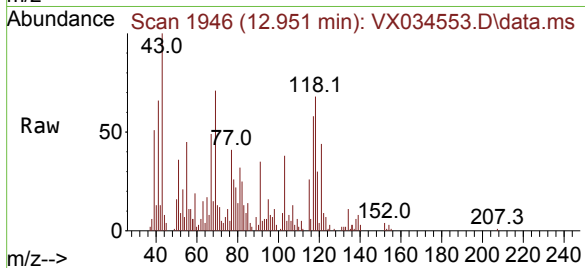




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.206 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Instrument :
MSVOA_X
ClientSampleId :
230315025-02-VOA

Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#



#95
Naphthalene
Concen: 0.524 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034553.D
Acq: 16 Mar 2023 18:09

Tgt Ion: 128 Resp: 5865
Ion Ratio Lower Upper
128 100
127 15.6 10.2 15.4#
129 12.9 8.6 13.0

