

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035060.D
 Acq On : 13 Apr 2023 13:40
 Operator : JC/MD
 Sample : 02325-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 230412098-02-VOA

Quant Time: Apr 14 05:41:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	263072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	442131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173302	43.075	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.140%		
35) Dibromofluoromethane	5.385	113	133821	45.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.520%		
50) Toluene-d8	8.647	98	528459	48.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	197439	47.268	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.540%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1205	0.370	ug/l	91
8) Diethyl Ether	2.136	74	5130	2.783	ug/l	87
10) Methyl Iodide	2.453	142	807	0.237	ug/l #	87
11) Tert butyl alcohol	2.983	59	2674552	3788.842	ug/l	99
13) Acrolein	2.233	56	428	0.589	ug/l #	1
14) Allyl chloride	2.654	41	20019	3.784	ug/l #	41
15) Acrylonitrile	2.989	53	26277	16.537	ug/l #	20
16) Acetone	2.386	43	99134	60.655	ug/l	95
17) Carbon Disulfide	2.508	76	6308	0.933	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	34711	3.471	ug/l	93
25) 2-Butanone	4.574	43	98738	41.531	ug/l #	80
26) 2,2-Dichloropropane	4.574	77	118364	25.057	ug/l #	53
27) cis-1,2-Dichloroethene	4.495	96	1146	0.328	ug/l #	14
28) Bromochloromethane	5.013	49	1129	0.402	ug/l #	15
29) Tetrahydrofuran	5.007	42	559588	375.721	ug/l	99
36) 1,1-Dichloropropene	5.550	75	23871	5.510	ug/l #	49
37) Ethyl Acetate	4.702	43	7735	1.707	ug/l #	70
38) Carbon Tetrachloride	5.556	117	26927	6.592	ug/l #	15
40) Benzene	6.038	78	58469	4.701	ug/l	100
41) Methacrylonitrile	5.007	41	312010	126.644	ug/l #	44
42) 1,2-Dichloroethane	6.099	62	1208	0.244	ug/l #	75
43) Isopropyl Acetate	6.336	43	3936	0.519	ug/l #	68
49) 1,4-Dioxane	7.690	88	6839	89.160	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	19036	4.244	ug/l	88
52) Toluene	8.720	92	25798	3.181	ug/l	99
55) 1,1,2-Trichloroethane	9.074	97	1029	0.335	ug/l #	23
59) 2-Hexanone	9.244	43	20787	6.127	ug/l	77
65) Chlorobenzene	10.080	112	17571	2.131	ug/l	97
67) Ethyl Benzene	10.195	91	94861	6.350	ug/l	96
68) m/p-Xylenes	10.299	106	42404	7.431	ug/l	99
69) o-Xylene	10.640	106	29447	5.268	ug/l	99
70) Styrene	10.659	104	4869	0.546	ug/l #	5
73) Isopropylbenzene	10.964	105	18464	1.411	ug/l	96
74) N-amyl acetate	10.890	43	7213	1.226	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	100538	27.934	ug/l #	35
78) n-propylbenzene	11.305	91	6618	0.438	ug/l	92

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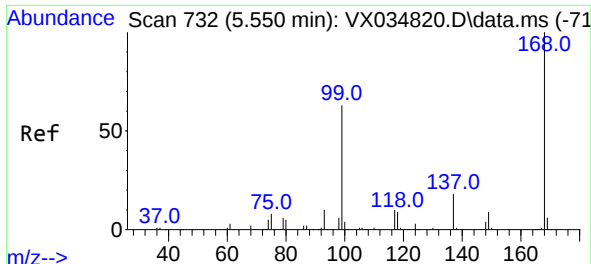
Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
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 Response via : Initial Calibration

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

79) 2-Chlorotoluene	11.366	91	5303	0.556	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	9209	0.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	100538	83.718	ug/l #	8
82) 4-Chlorotoluene	11.451	91	2332	0.210	ug/l	76
83) tert-Butylbenzene	11.976	119	2467	0.240	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	34756	3.124	ug/l	99
85) sec-Butylbenzene	11.890	105	5565	0.445	ug/l	89
86) p-Isopropyltoluene	12.012	119	14124	1.355	ug/l	99
87) 1,3-Dichlorobenzene	12.043	146	26350	4.463	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	26350	4.273	ug/l	89
89) n-Butylbenzene	12.335	91	5432	0.597	ug/l	88
90) Hexachloroethane	12.524	117	1157	0.717	ug/l #	24
91) 1,2-Dichlorobenzene	12.341	146	2936	0.497	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.963	75	986	1.102	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.591	180	1753	0.524	ug/l	93
94) Hexachlorobutadiene	13.725	225	2614	1.777	ug/l	95
95) Naphthalene	13.774	128	159930	13.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	1728	0.512	ug/l	83

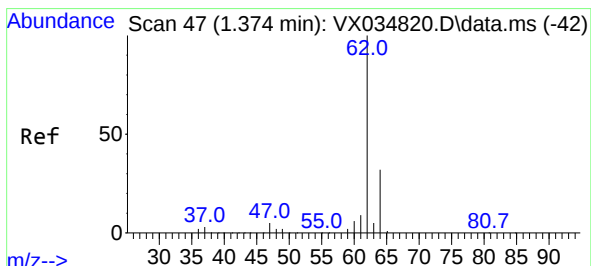
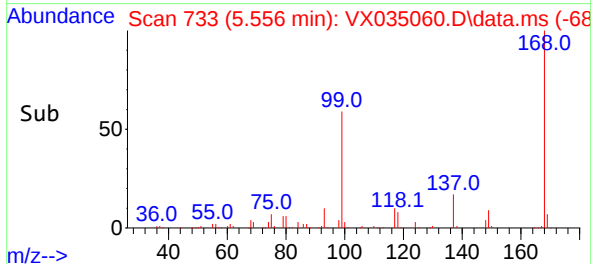
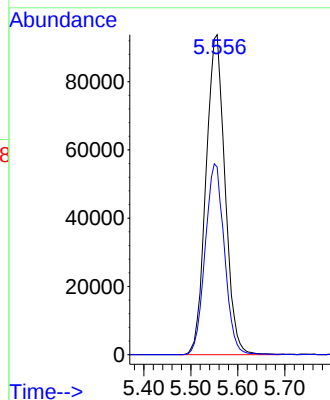
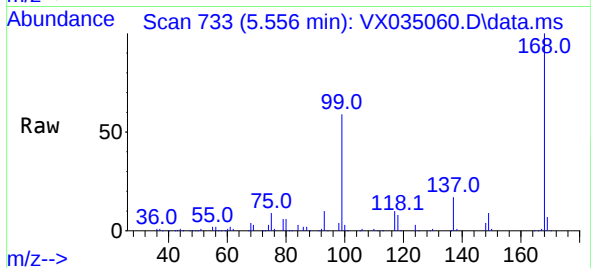
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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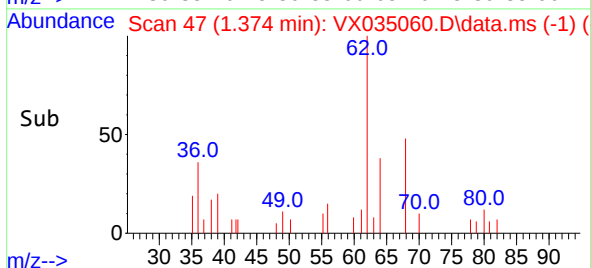
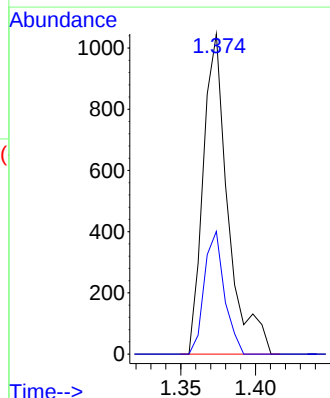
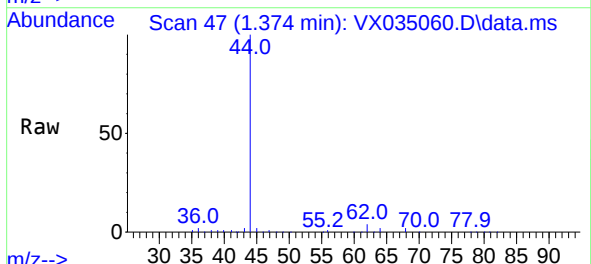
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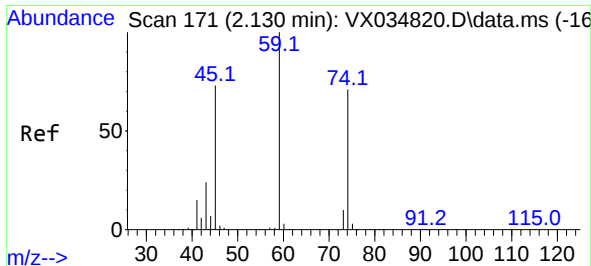
Tgt Ion:168 Resp: 263072
Ion Ratio Lower Upper
168 100
99 58.6 45.7 68.5



#4
Vinyl Chloride
Concen: 0.370 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 62 Resp: 1205
Ion Ratio Lower Upper
62 100
64 38.3 26.4 39.6





#8

Diethyl Ether

Concen: 2.783 ug/l

RT: 2.136 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

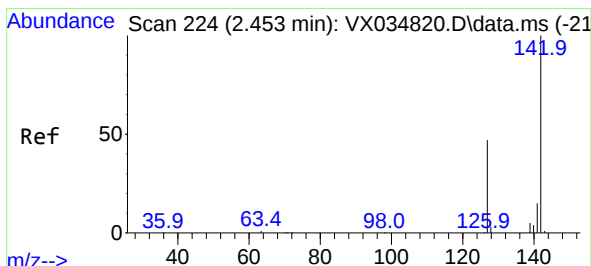
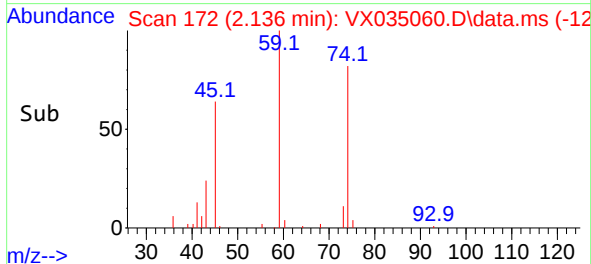
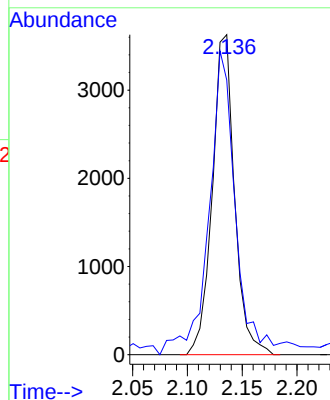
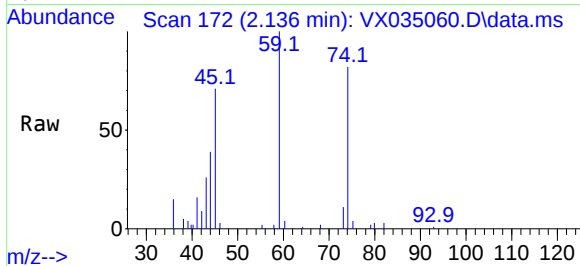
230412098-02-VOA

Tgt Ion: 74 Resp: 5130

Ion Ratio Lower Upper

74 100

45 112.5 49.8 149.3



#10

Methyl Iodide

Concen: 0.237 ug/l

RT: 2.453 min Scan# 224

Delta R.T. 0.000 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

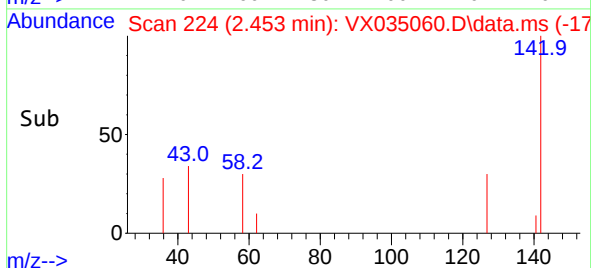
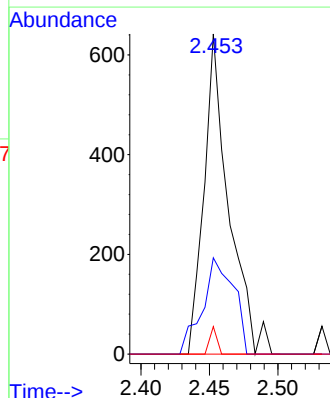
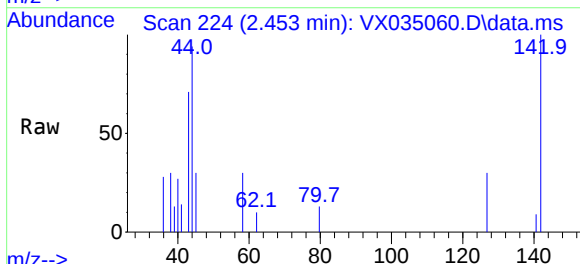
Tgt Ion: 142 Resp: 807

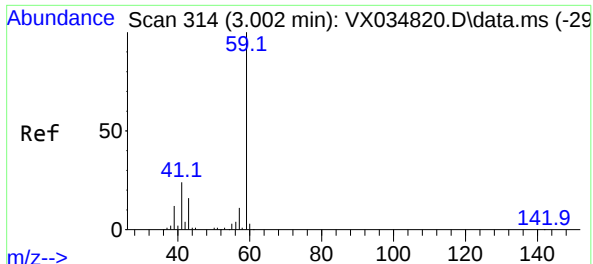
Ion Ratio Lower Upper

142 100

127 37.8 34.0 51.0

141 2.5 11.1 16.7#





#11

Tert butyl alcohol

Concen: 3788.842 ug/l

RT: 2.983 min Scan# 314

Delta R.T. -0.018 min

Lab File: VX035060.D

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Instrument :

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ClientSampleId :

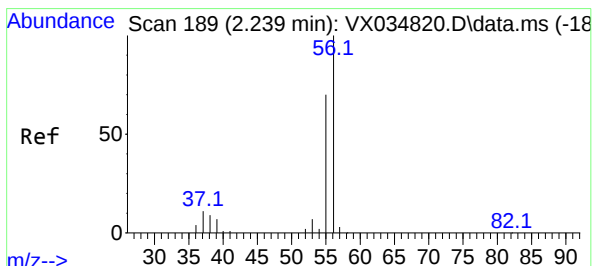
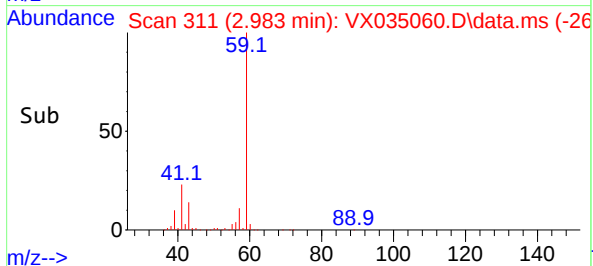
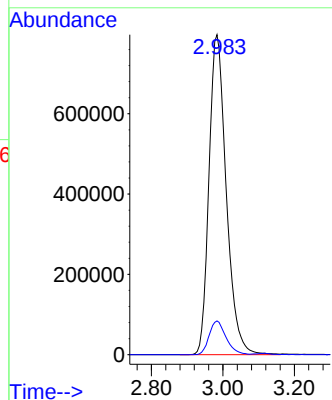
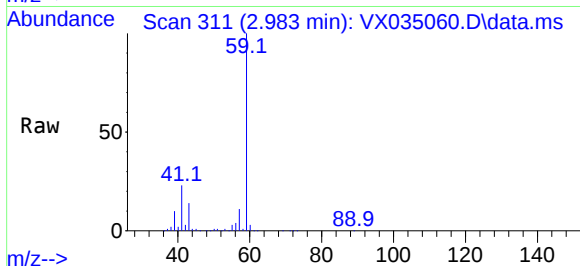
230412098-02-VOA

Tgt Ion: 59 Resp: 2674552

Ion Ratio Lower Upper

59 100

57 10.3 8.1 12.1



#13

Acrolein

Concen: 0.589 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX035060.D

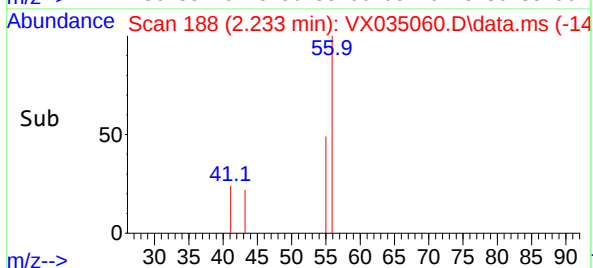
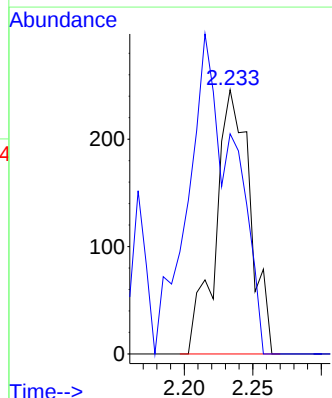
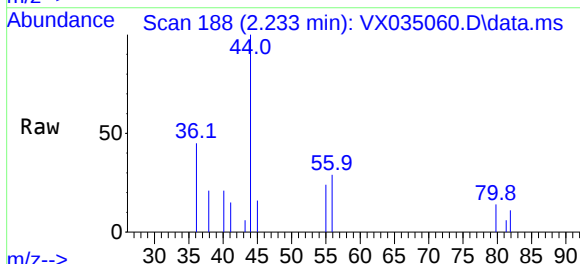
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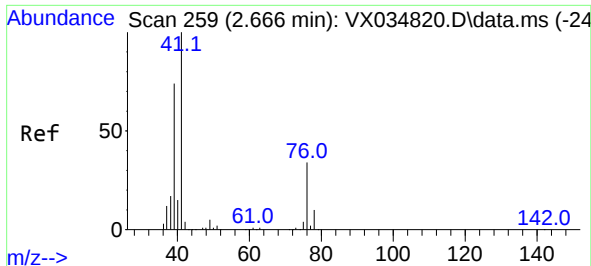
Tgt Ion: 56 Resp: 428

Ion Ratio Lower Upper

56 100

55 161.7 56.6 85.0#

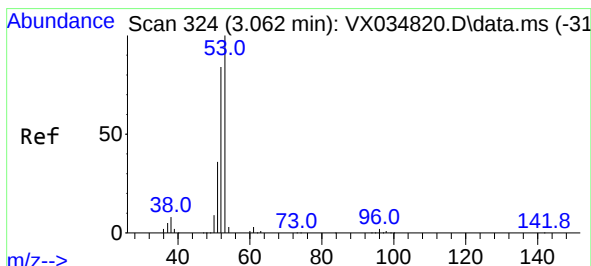
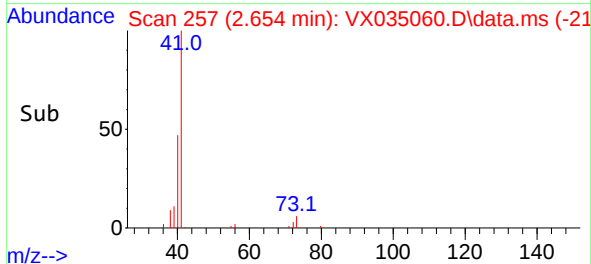
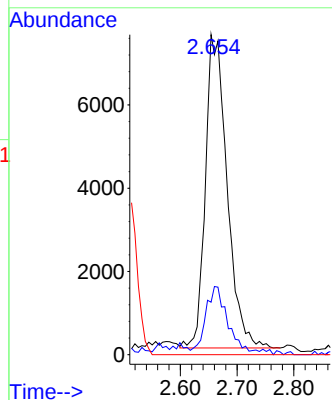
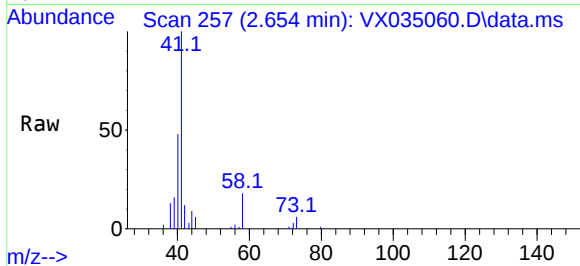




#14
 Allyl chloride
 Concen: 3.784 ug/l
 RT: 2.654 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX035060.D
 Acq: 13 Apr 2023 13:40

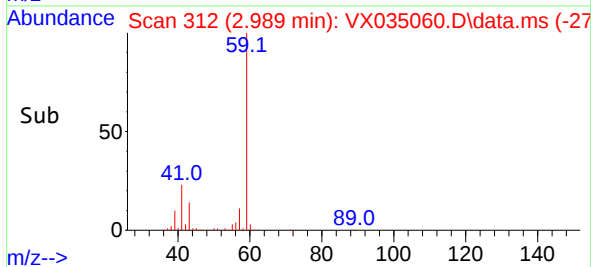
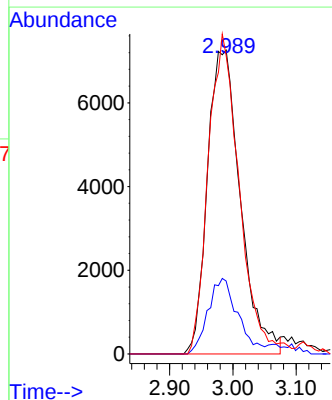
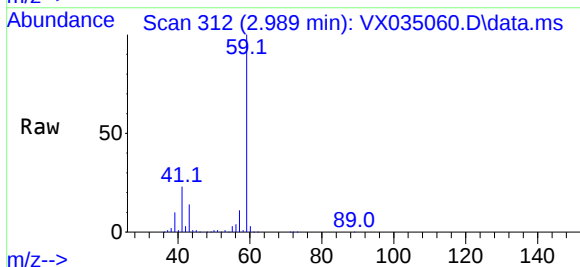
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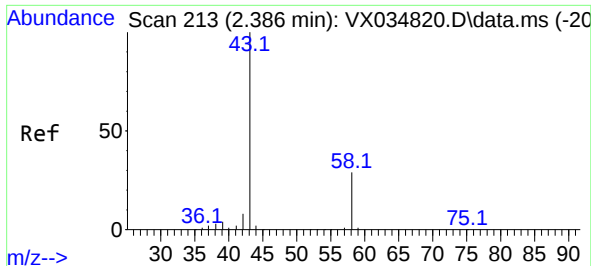
Tgt Ion: 41 Resp: 20019
 Ion Ratio Lower Upper
 41 100
 39 18.9 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 16.537 ug/l
 RT: 2.989 min Scan# 312
 Delta R.T. -0.073 min
 Lab File: VX035060.D
 Acq: 13 Apr 2023 13:40

Tgt Ion: 53 Resp: 26277
 Ion Ratio Lower Upper
 53 100
 52 22.5 66.2 99.2#
 51 98.9 28.3 42.5#

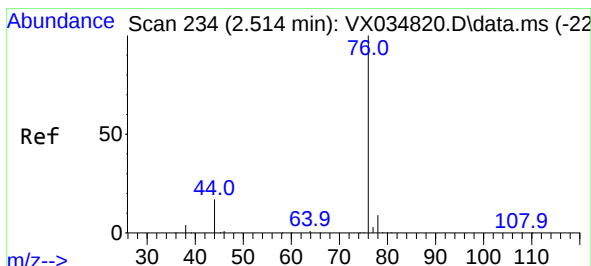
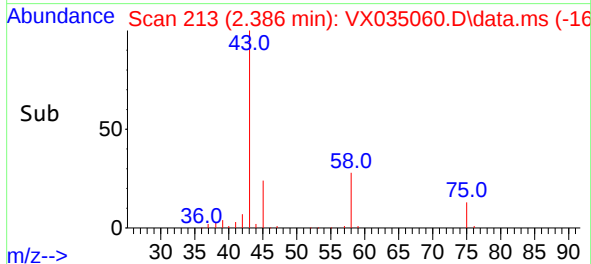
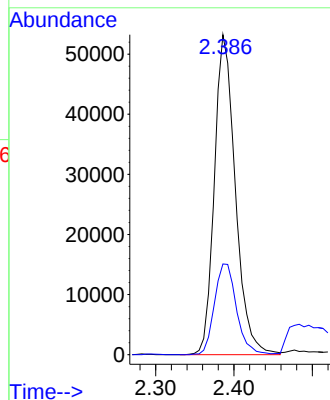
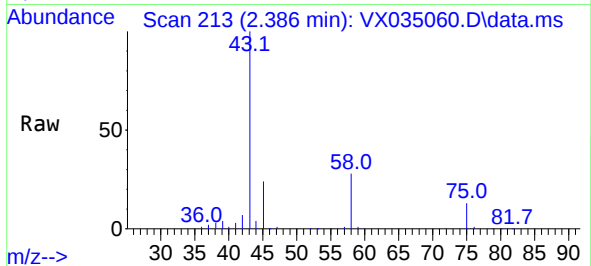




#16
Acetone
Concen: 60.655 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

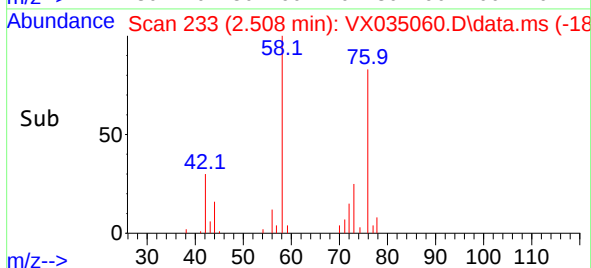
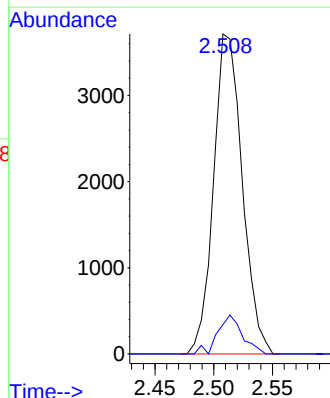
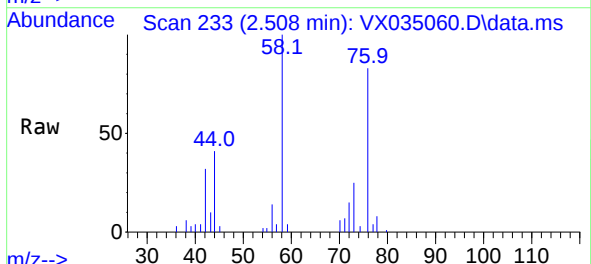
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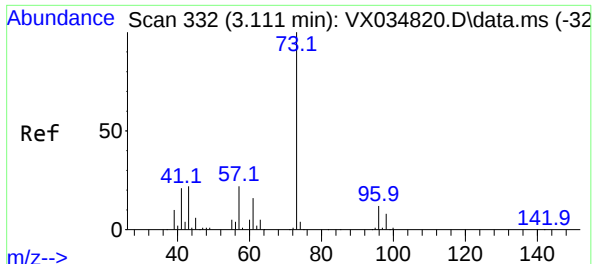
Tgt Ion: 43 Resp: 99134
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1



#17
Carbon Disulfide
Concen: 0.933 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 76 Resp: 6308
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

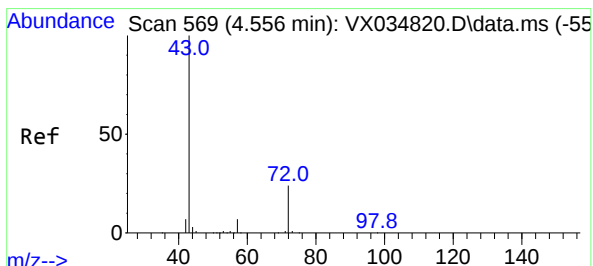
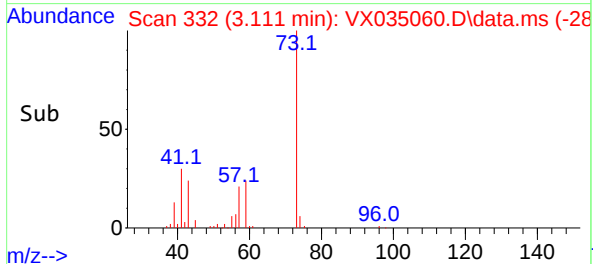
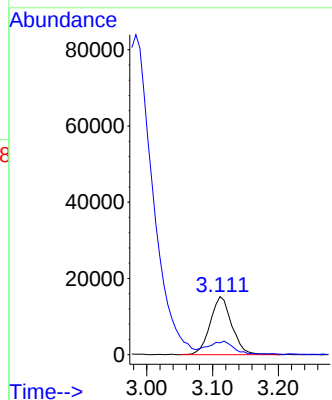
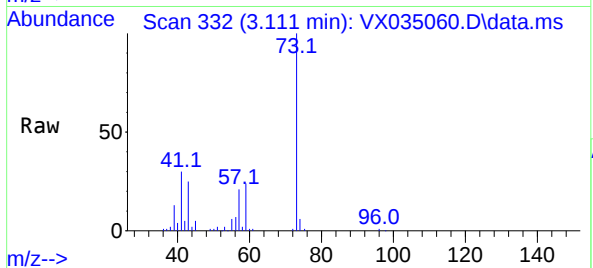




#19
Methyl tert-butyl Ether
Concen: 3.471 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

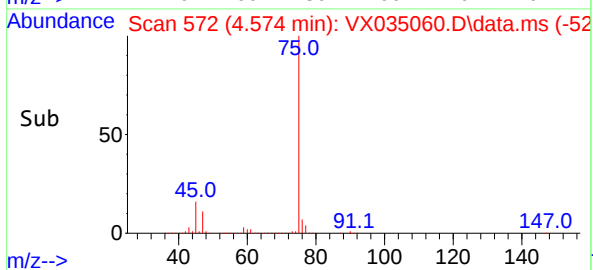
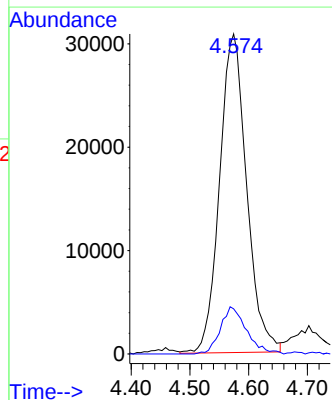
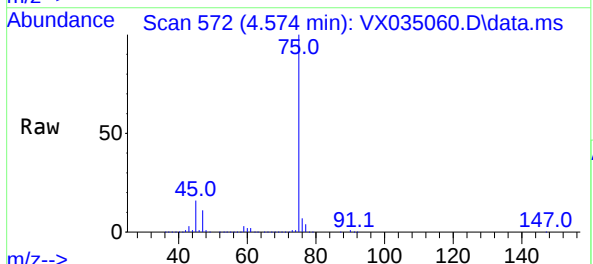
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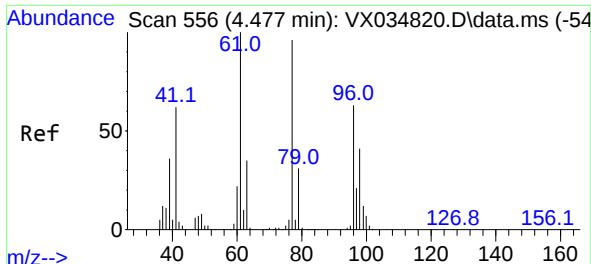
Tgt Ion: 73 Resp: 34711
Ion Ratio Lower Upper
73 100
57 19.7 18.5 27.7



#25
2-Butanone
Concen: 41.531 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 43 Resp: 98738
Ion Ratio Lower Upper
43 100
72 14.2 19.3 28.9#





#26

2,2-Dichloropropane

Concen: 25.057 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.098 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

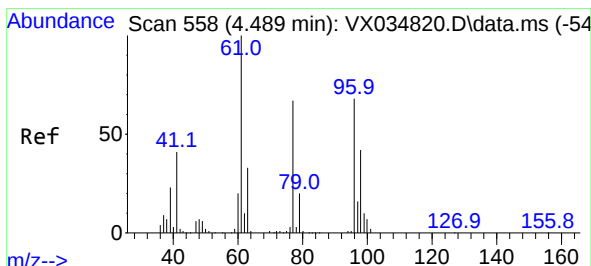
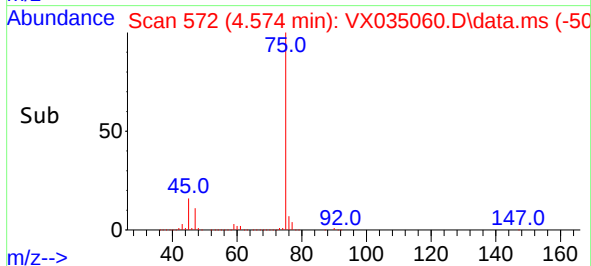
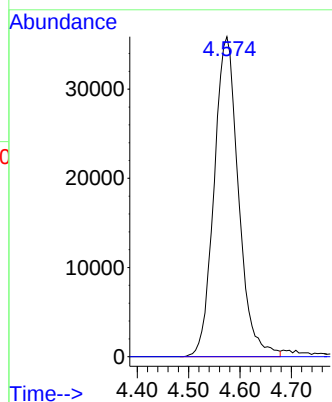
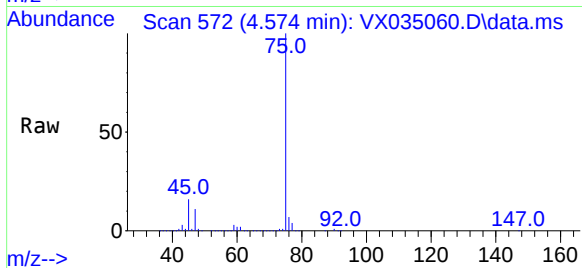
230412098-02-VOA

Tgt Ion: 77 Resp: 118364

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#27

cis-1,2-Dichloroethene

Concen: 0.328 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

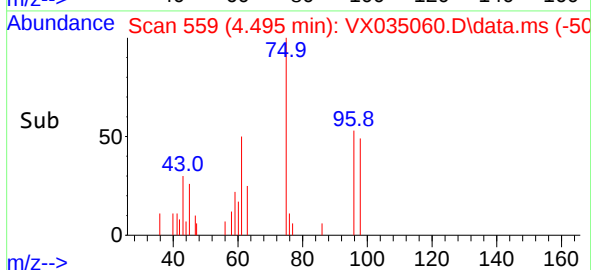
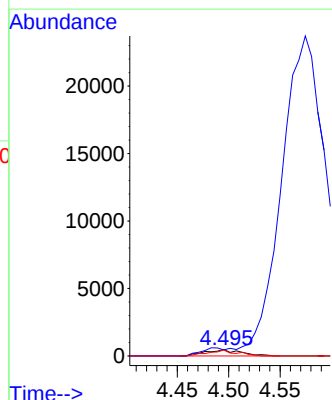
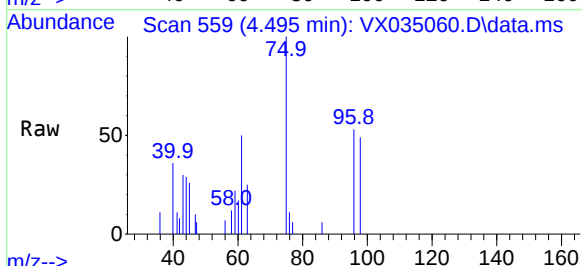
Tgt Ion: 96 Resp: 1146

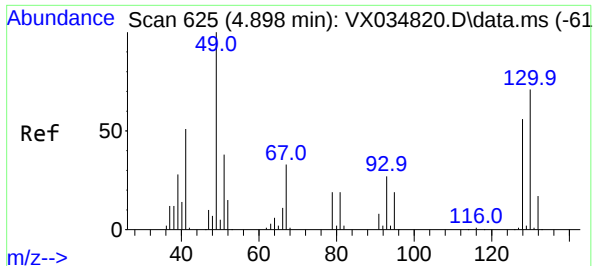
Ion Ratio Lower Upper

96 100

61 0.0 0.0 300.4

98 73.6 0.0 129.0

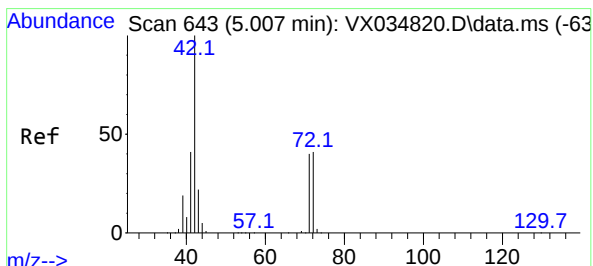
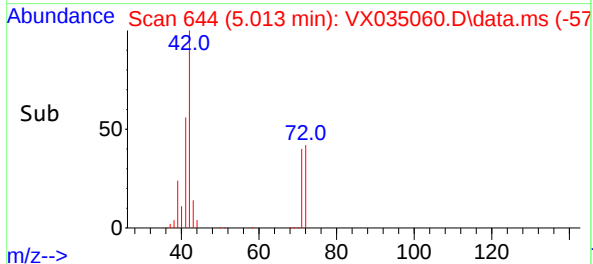
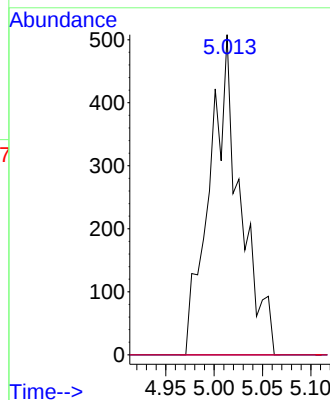
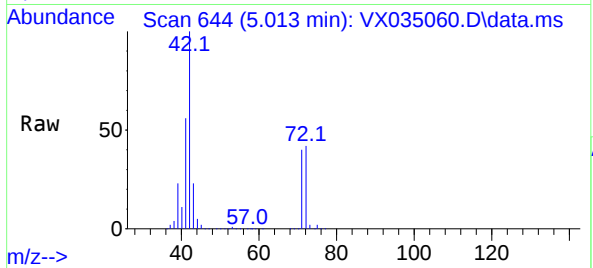




#28
Bromochloromethane
Concen: 0.402 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.116 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

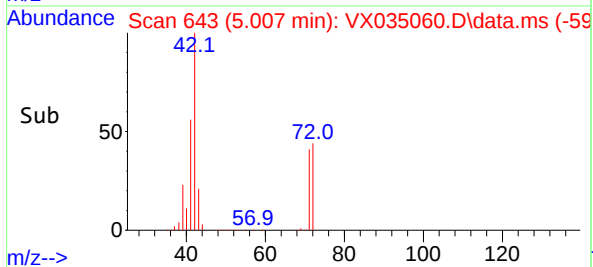
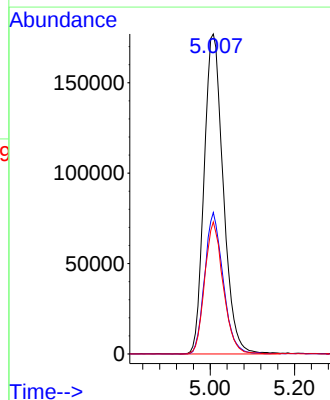
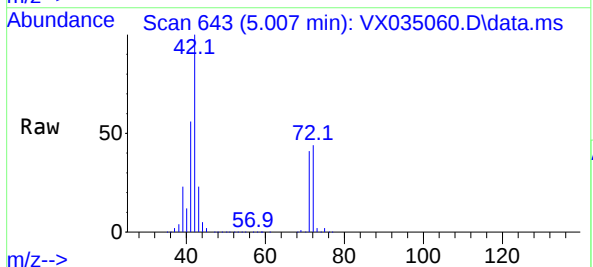
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

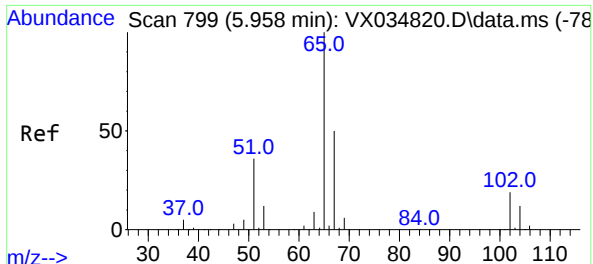
Tgt Ion: 49 Resp: 1129
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 58.2 87.2#



#29
Tetrahydrofuran
Concen: 375.721 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 42 Resp: 559588
Ion Ratio Lower Upper
42 100
72 42.4 34.5 51.7
71 39.8 32.1 48.1

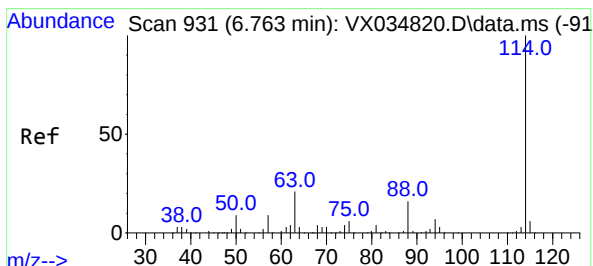
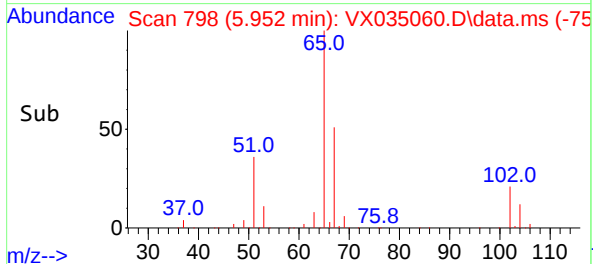
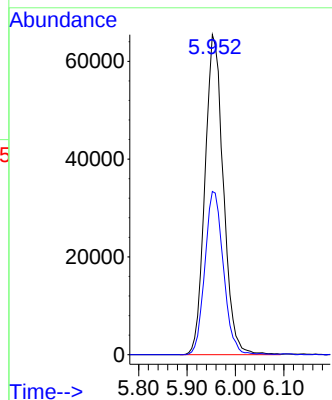
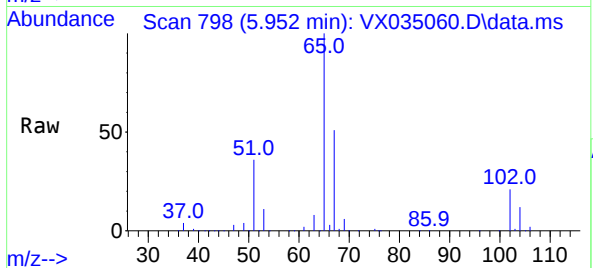




#33
1,2-Dichloroethane-d4
Concen: 43.075 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

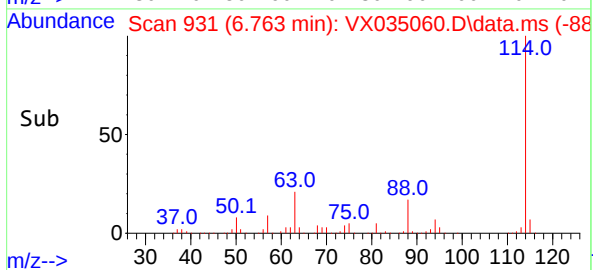
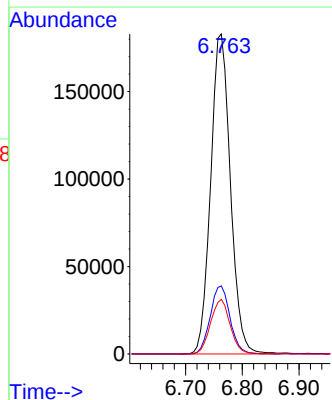
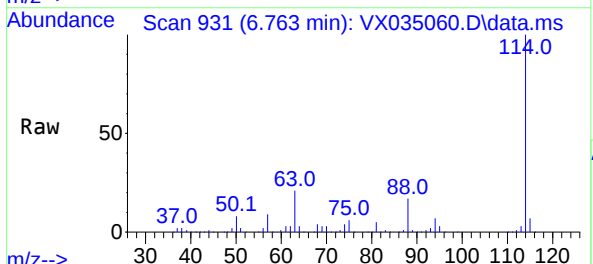
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

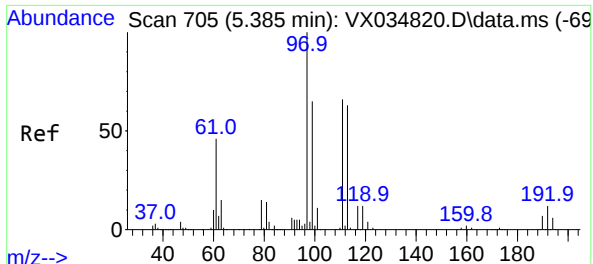
Tgt Ion: 65 Resp: 173302
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 114 Resp: 442131
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 17.1 0.0 33.2

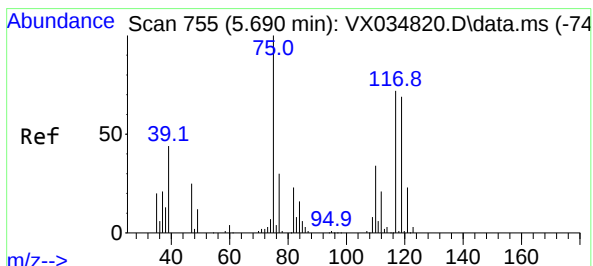
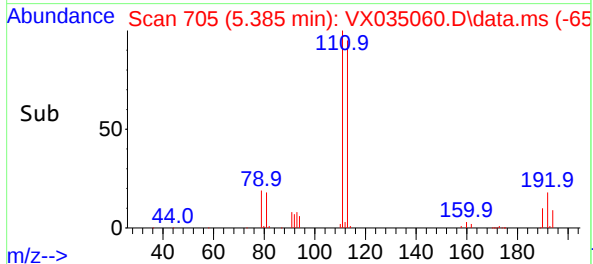
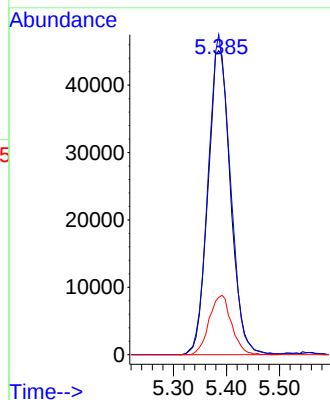
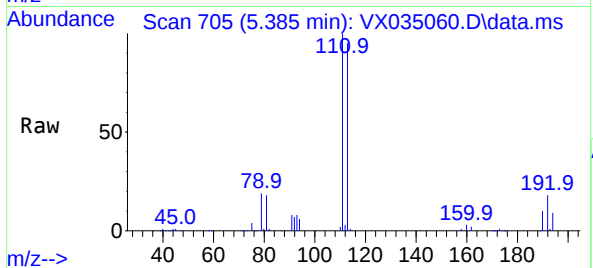




#35
Dibromofluoromethane
Concen: 45.761 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

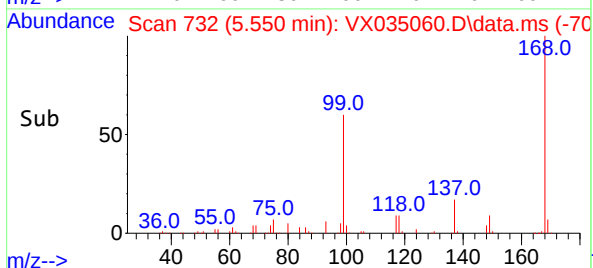
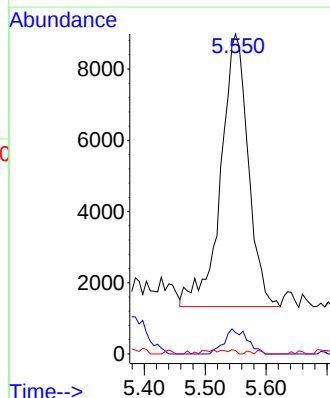
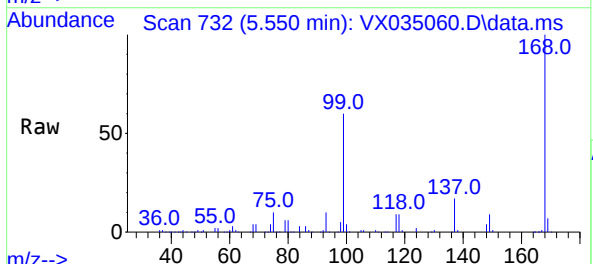
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

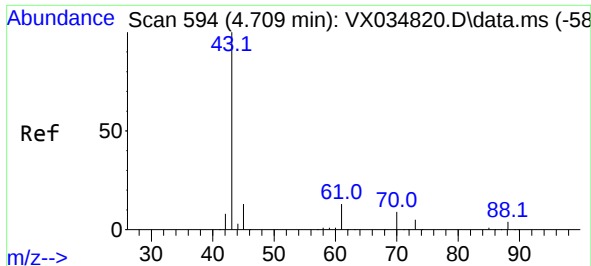
Tgt Ion:113 Resp: 133821
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.510 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 75 Resp: 23871
Ion Ratio Lower Upper
75 100
110 7.6 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 1.707 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

230412098-02-VOA

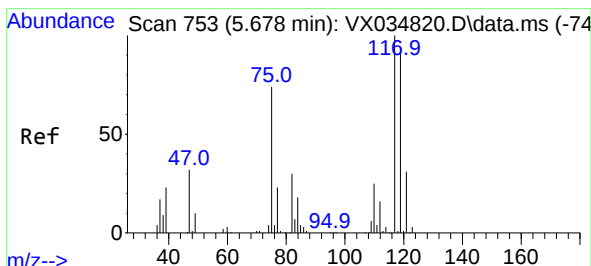
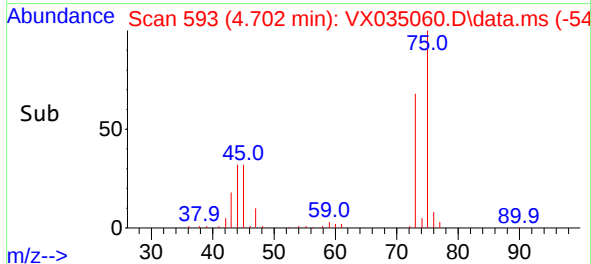
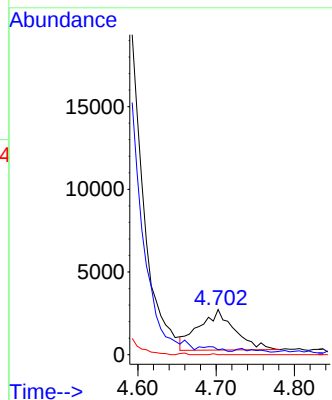
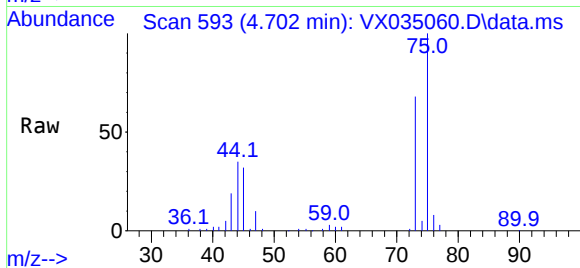
Tgt Ion: 43 Resp: 7735

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.592 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

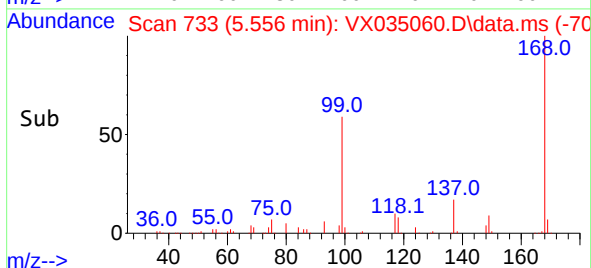
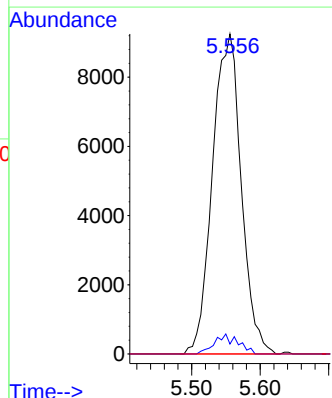
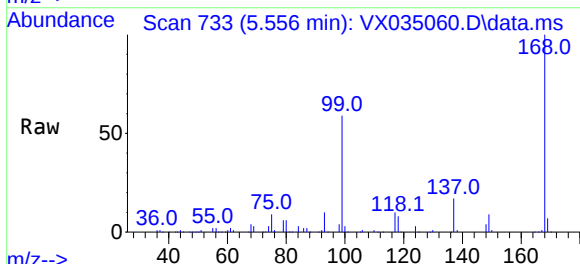
Tgt Ion: 117 Resp: 26927

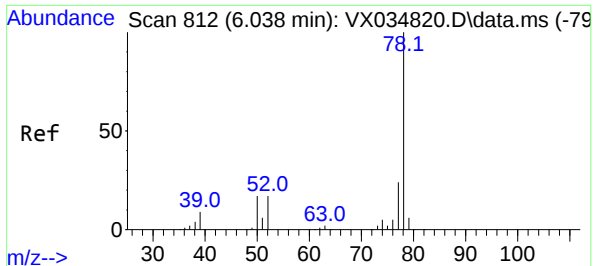
Ion Ratio Lower Upper

117 100

119 3.1 76.6 114.8#

121 0.0 23.8 35.6#

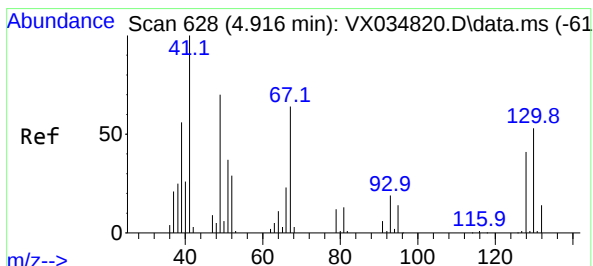
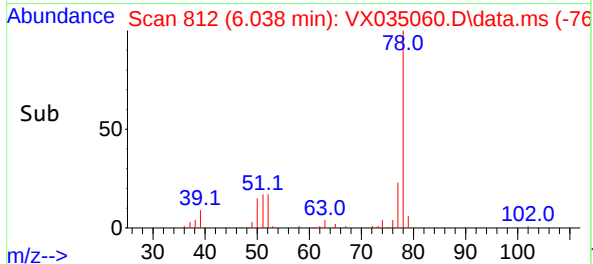
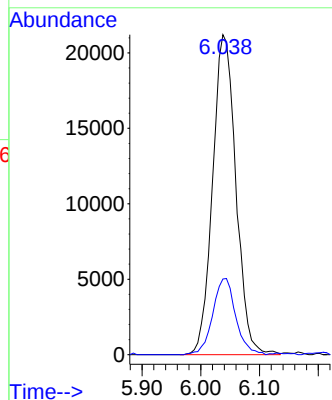
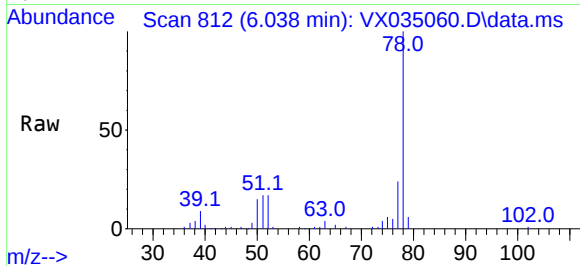




#40
Benzene
Concen: 4.701 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

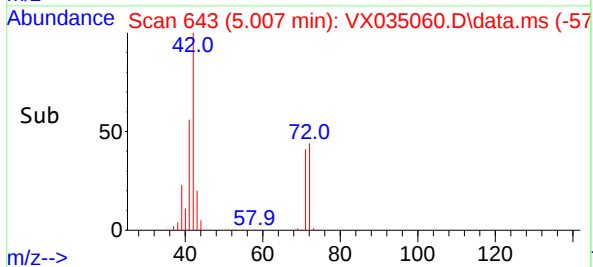
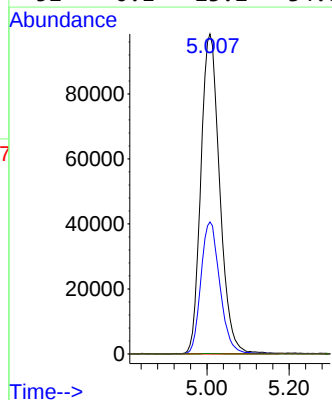
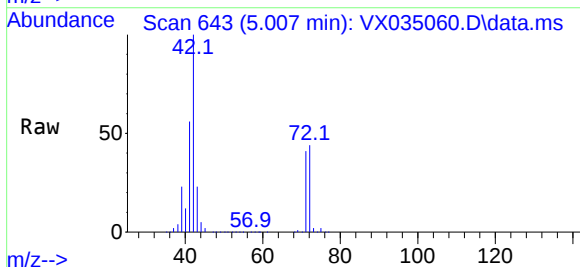
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

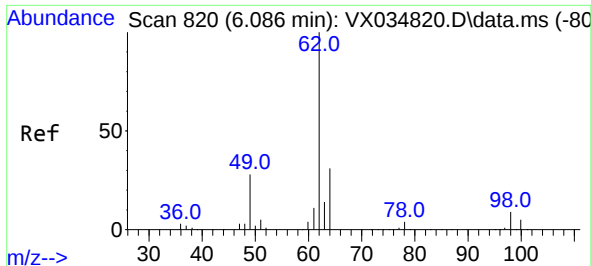
Tgt Ion: 78 Resp: 58469
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



#41
Methacrylonitrile
Concen: 126.644 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.091 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 41 Resp: 312010
Ion Ratio Lower Upper
41 100
39 41.6 45.0 67.6#
67 0.0 55.6 83.4#
52 0.1 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 0.244 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

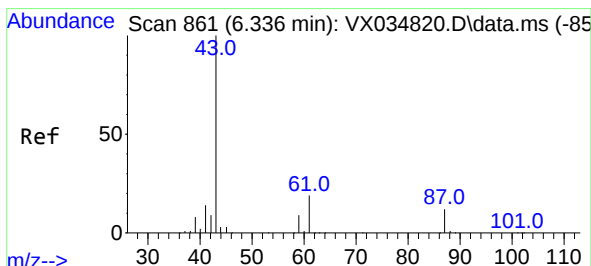
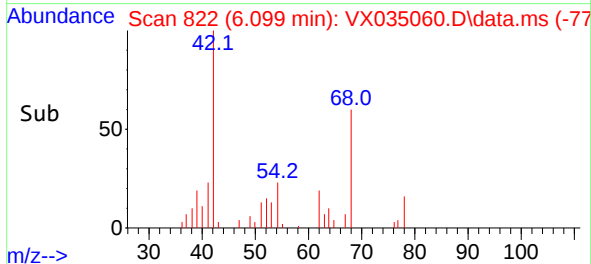
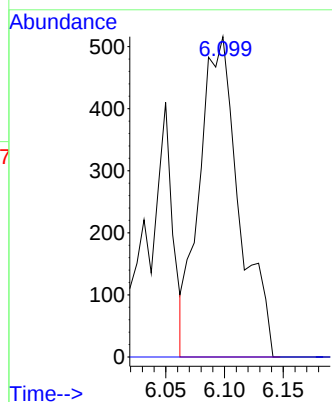
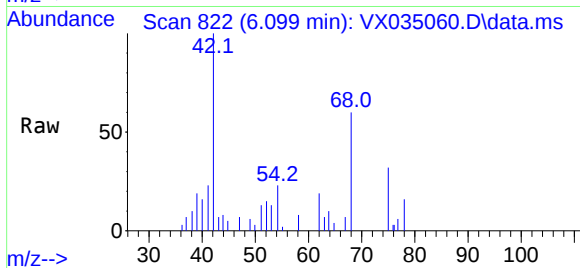
230412098-02-VOA

Tgt Ion: 62 Resp: 1208

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 0.519 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

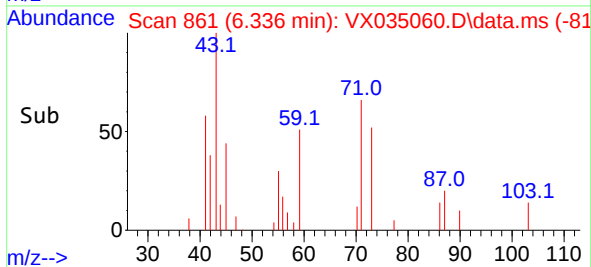
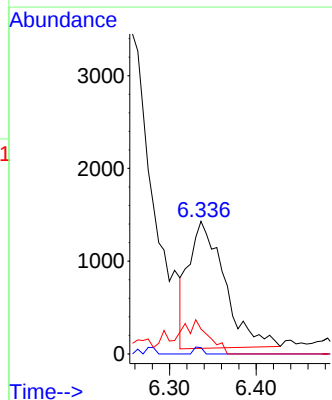
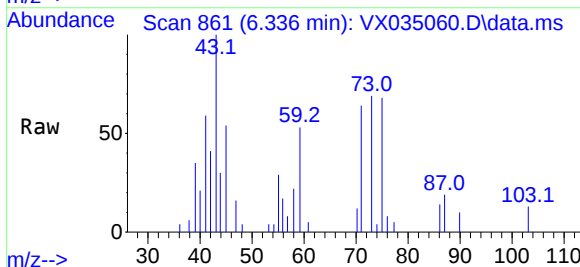
Tgt Ion: 43 Resp: 3936

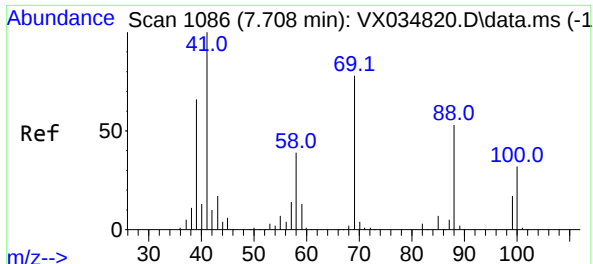
Ion Ratio Lower Upper

43 100

61 1.3 15.2 22.8#

87 20.0 9.8 14.8#

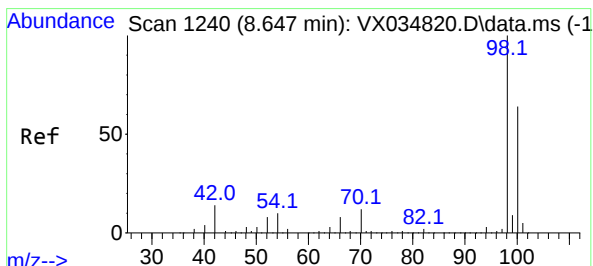
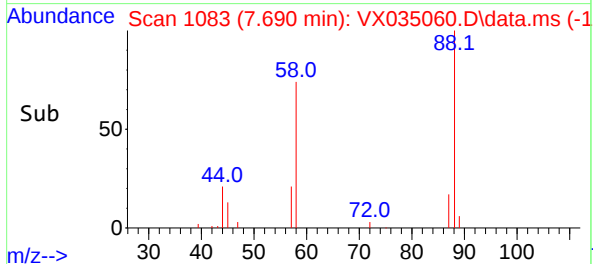
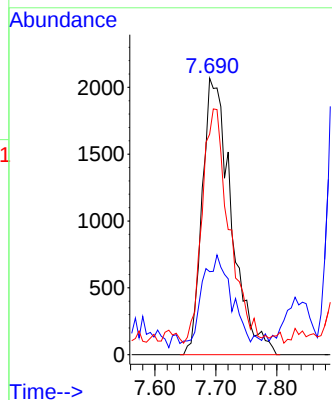
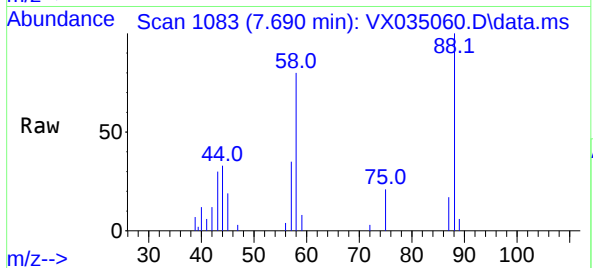




#49
1,4-Dioxane
Concen: 89.160 ug/l
RT: 7.690 min Scan# 1086
Delta R.T. -0.018 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

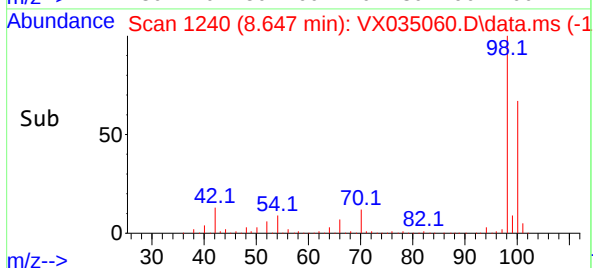
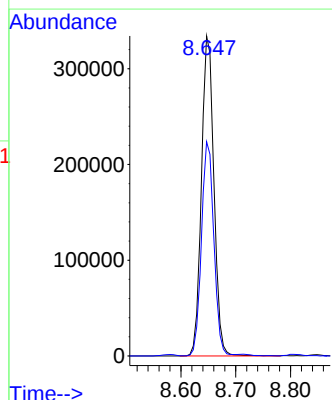
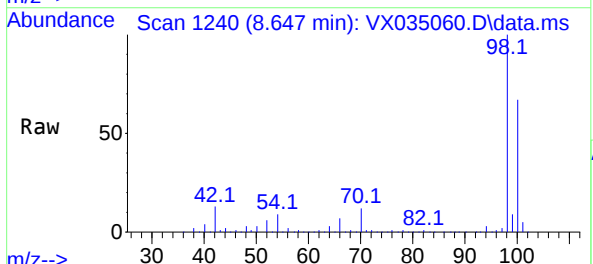
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

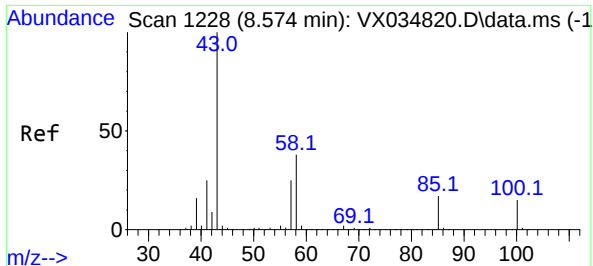
Tgt Ion: 88 Resp: 6839
Ion Ratio Lower Upper
88 100
43 31.4 27.7 41.5
58 78.6 56.8 85.2



#50
Toluene-d8
Concen: 48.959 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 98 Resp: 528459
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

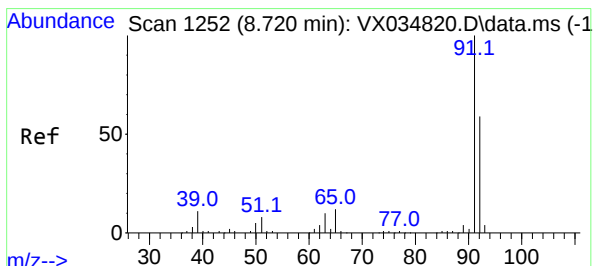
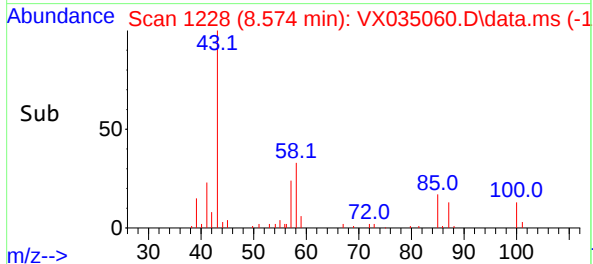
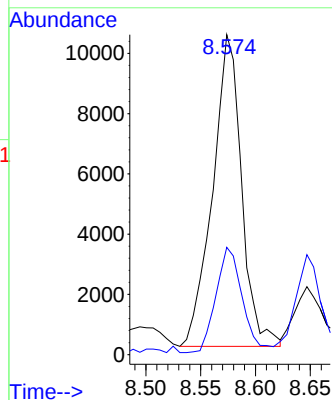
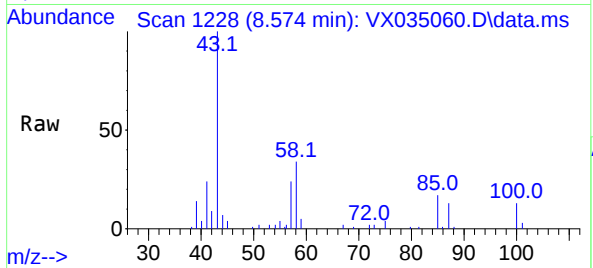




#51
4-Methyl-2-Pentanone
Concen: 4.244 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

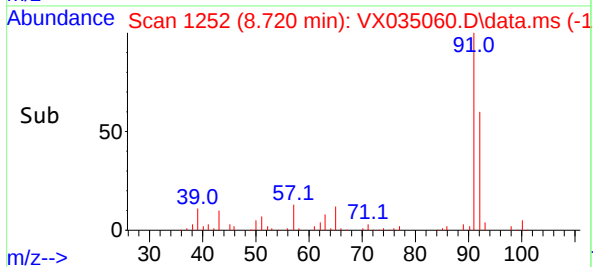
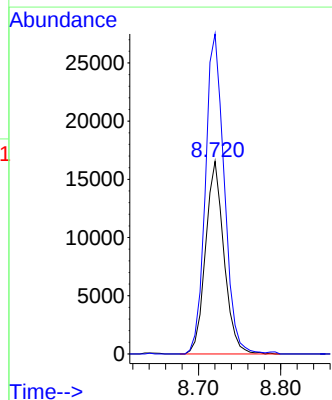
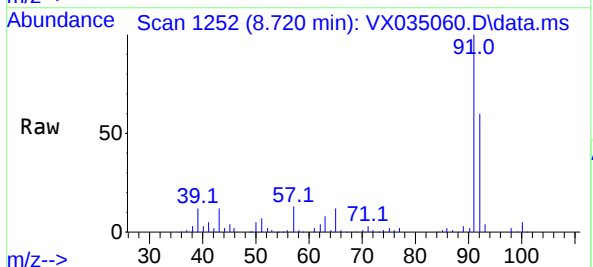
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

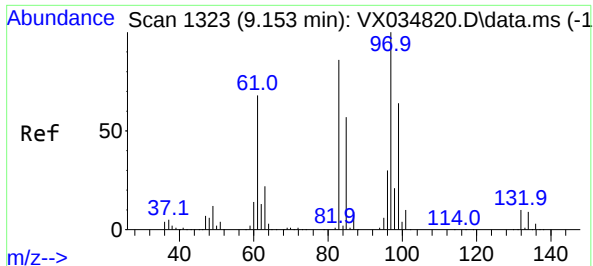
Tgt Ion: 43 Resp: 19036
Ion Ratio Lower Upper
43 100
58 30.8 30.6 46.0



#52
Toluene
Concen: 3.181 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 92 Resp: 25798
Ion Ratio Lower Upper
92 100
91 169.4 136.8 205.2

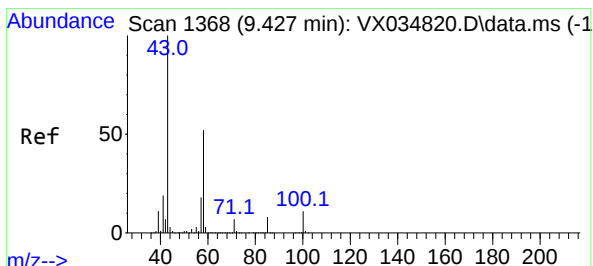
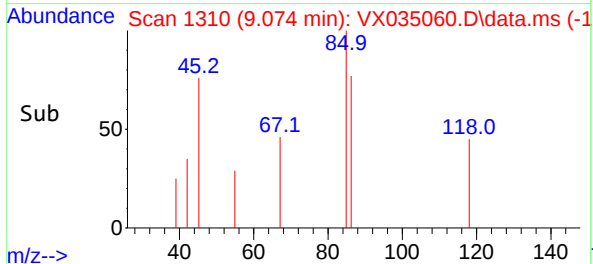
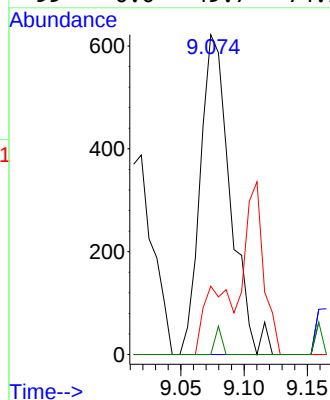
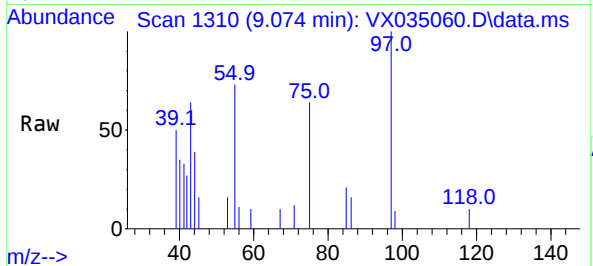




#55
1,1,2-Trichloroethane
Concen: 0.335 ug/l
RT: 9.074 min Scan# 11
Delta R.T. -0.079 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

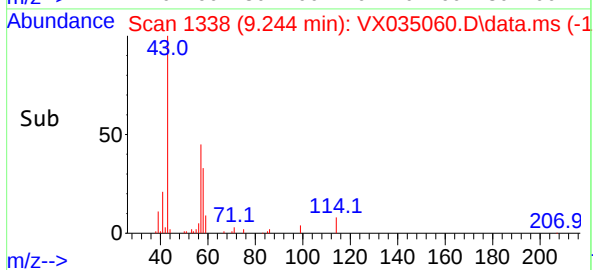
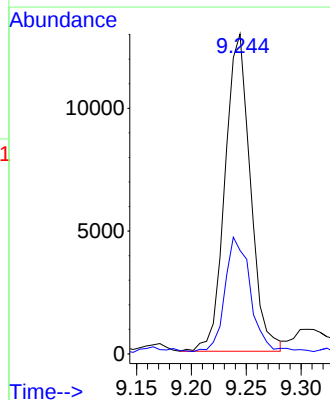
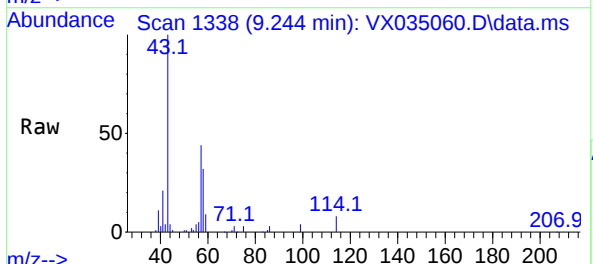
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MSVOA_X
ClientSampleId :
230412098-02-VOA

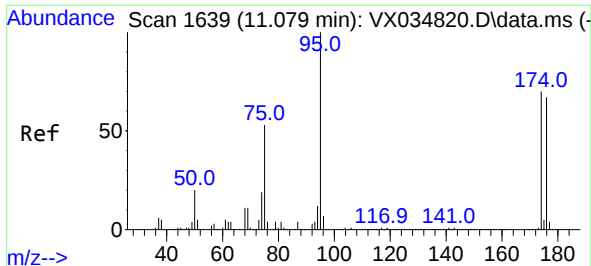
Tgt Ion: 97	Resp: 1029
Ion Ratio	Lower Upper
97 100	
83 0.0	69.7 104.5#
85 21.4	43.7 65.5#
99 0.0	49.7 74.5#



#59
2-Hexanone
Concen: 6.127 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.183 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 43	Resp: 20787
Ion Ratio	Lower Upper
43 100	
58 36.5	26.3 78.9

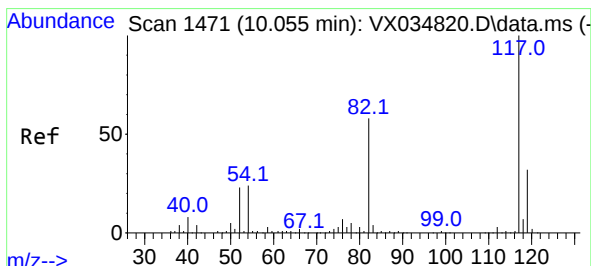
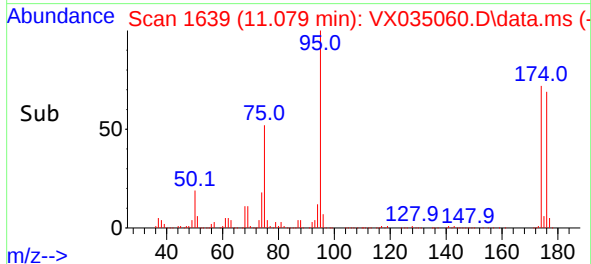
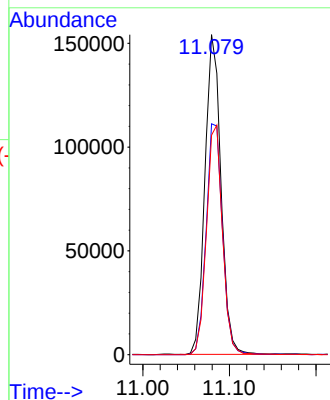
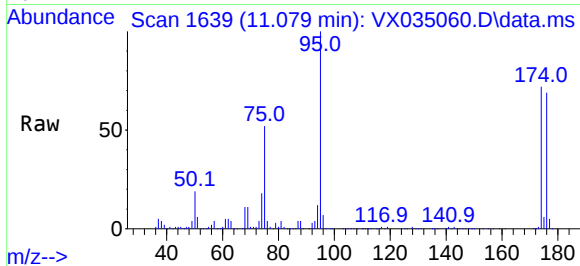




#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

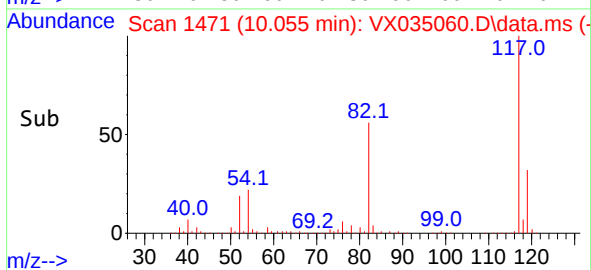
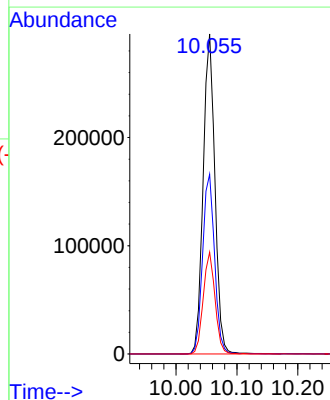
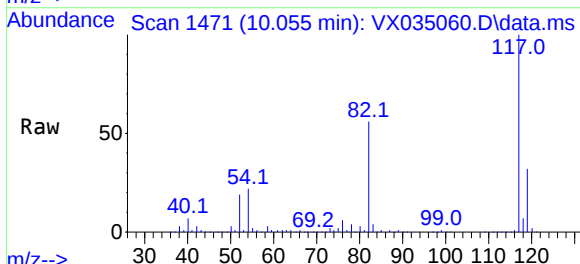
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

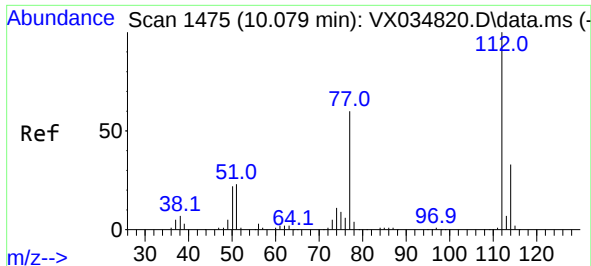
Tgt Ion: 95 Resp: 197439
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 71.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 117 Resp: 396339
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.8 26.0 39.0

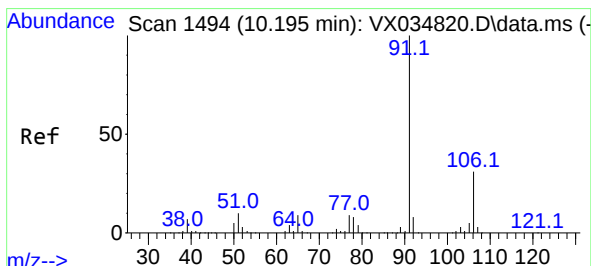
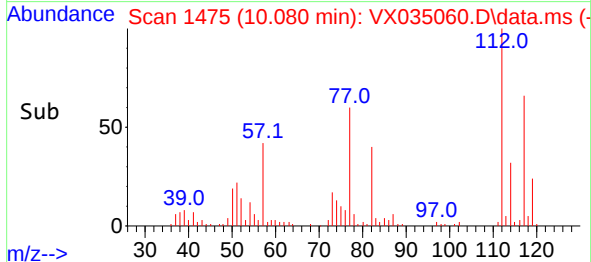
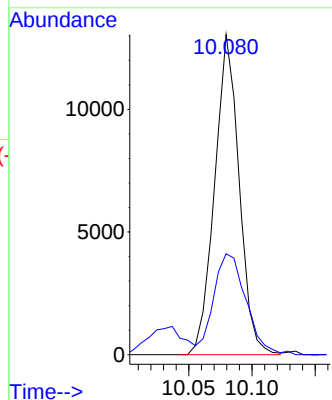
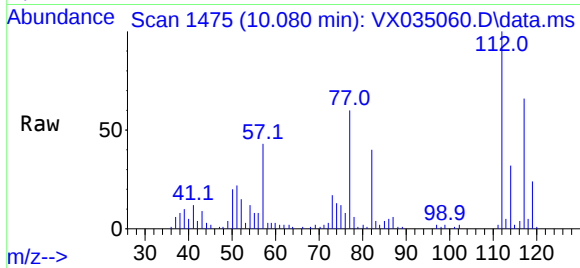




#65
Chlorobenzene
Concen: 2.131 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

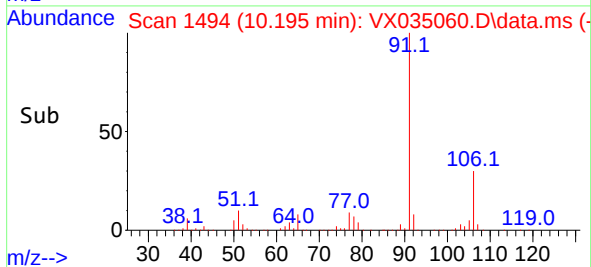
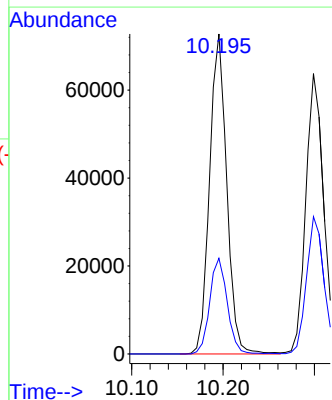
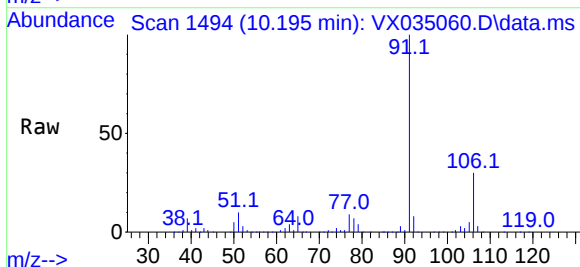
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

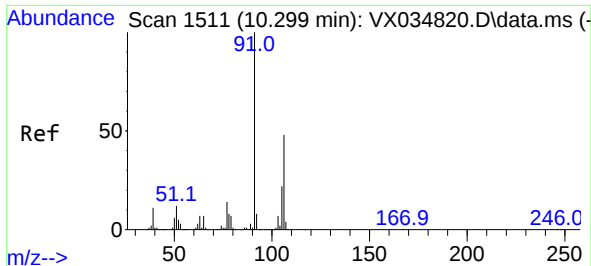
Tgt Ion:112 Resp: 17571
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2



#67
Ethyl Benzene
Concen: 6.350 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 91 Resp: 94861
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

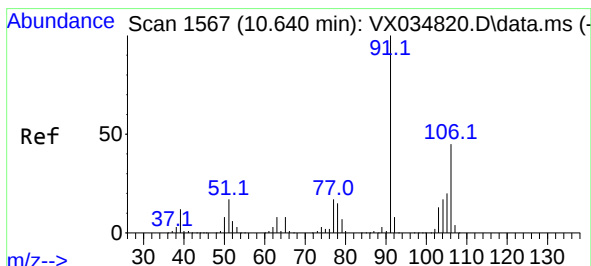
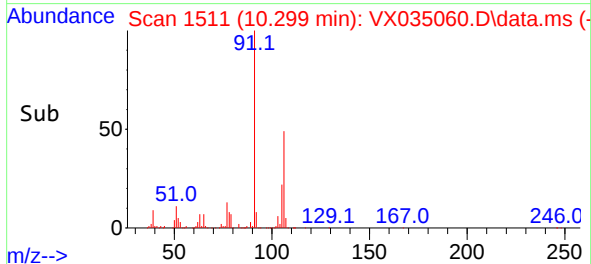
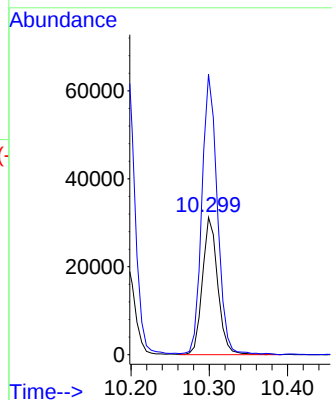
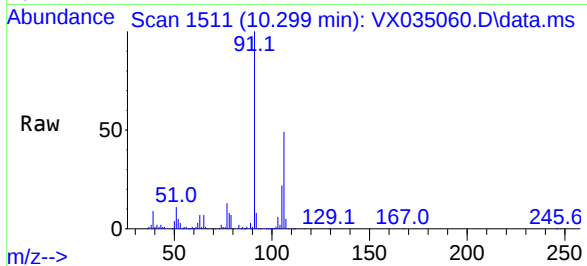




#68
m/p-Xylenes
Concen: 7.431 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

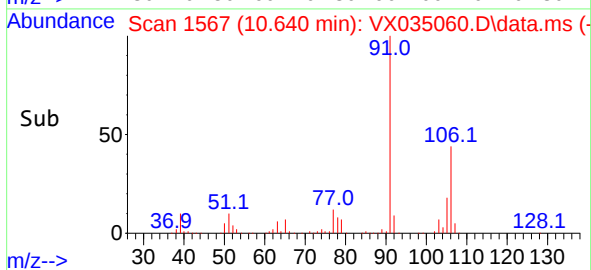
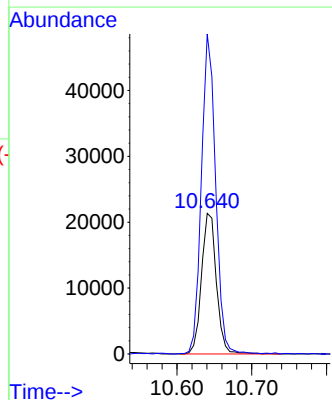
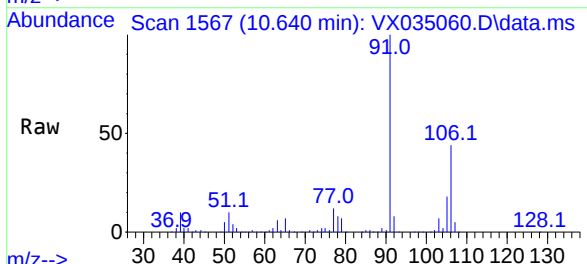
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

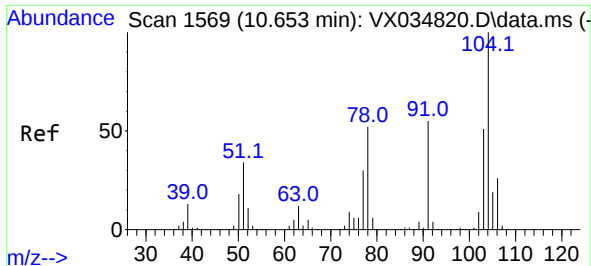
Tgt Ion:106 Resp: 42404
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0



#69
o-Xylene
Concen: 5.268 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:106 Resp: 29447
Ion Ratio Lower Upper
106 100
91 217.7 108.5 325.3

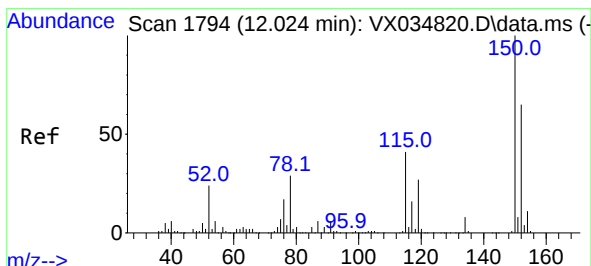
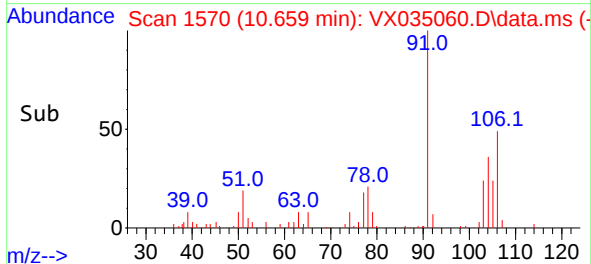
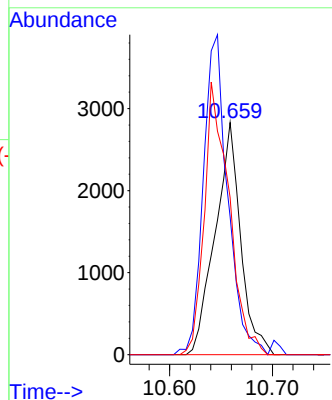
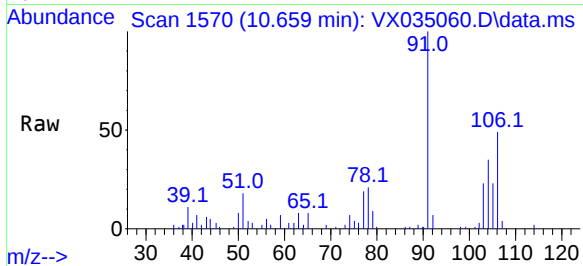




#70
Styrene
Concen: 0.546 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

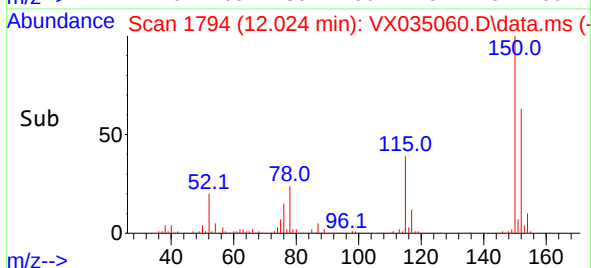
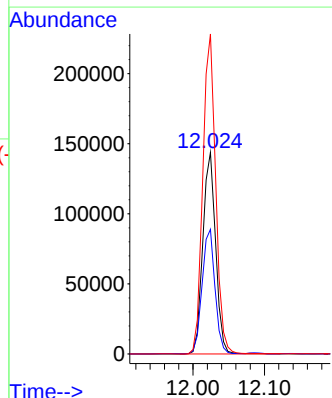
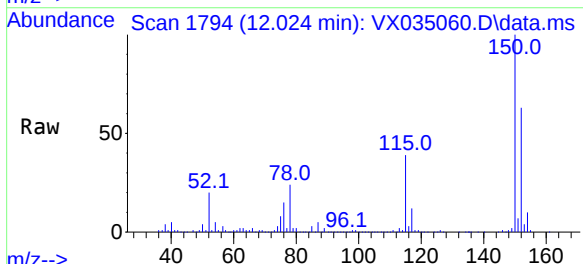
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

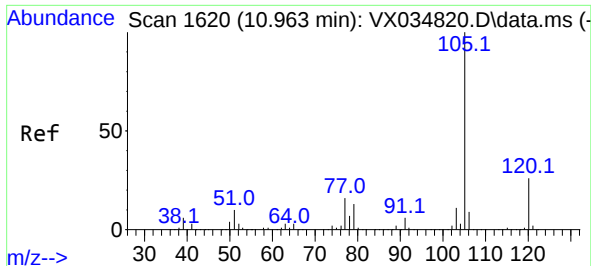
Tgt Ion:104 Resp: 4869
Ion Ratio Lower Upper
104 100
78 131.9 43.4 65.2#
103 114.2 44.2 66.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:152 Resp: 178620
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 159.6 0.0 352.4

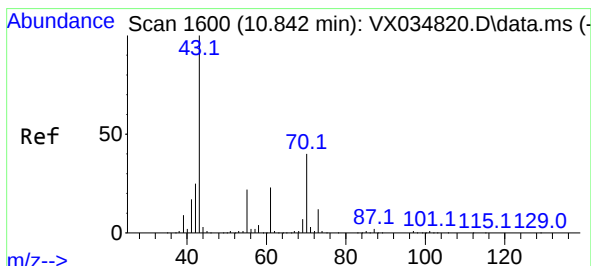
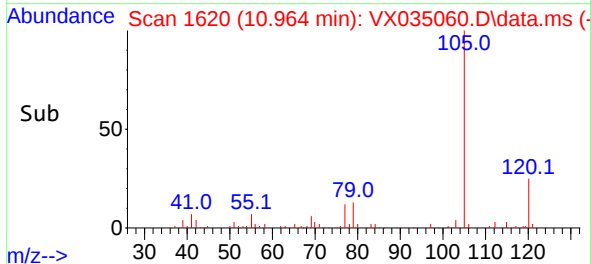
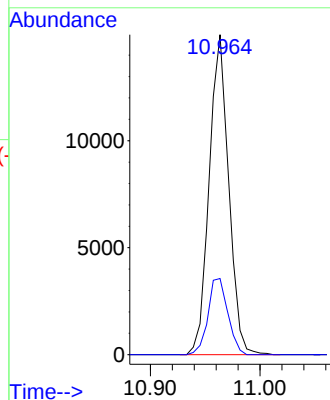
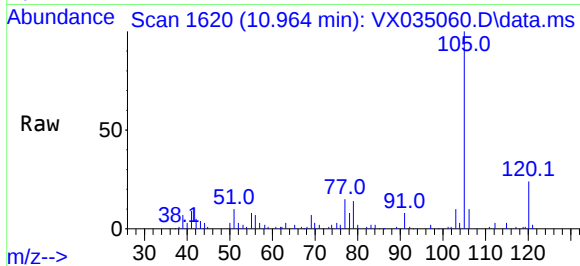




#73
Isopropylbenzene
Concen: 1.411 ug/l
RT: 10.964 min Scan# 1607
Delta R.T. 0.001 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

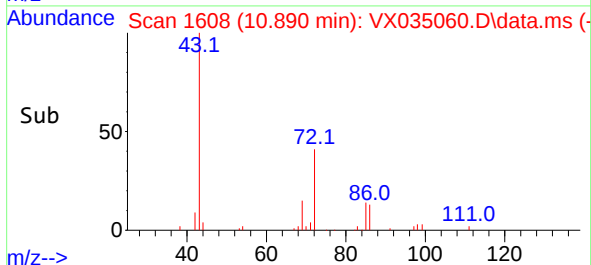
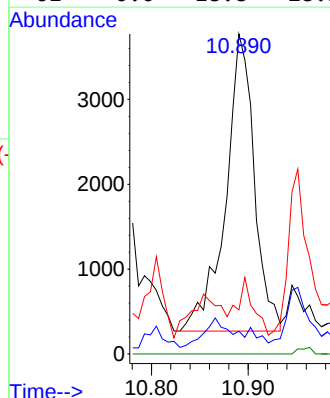
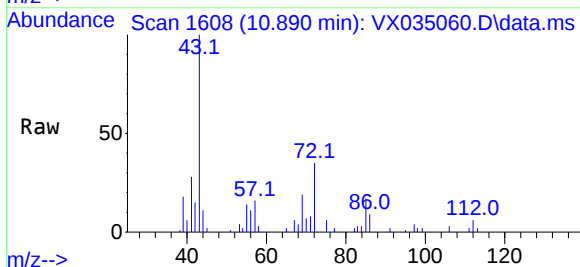
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

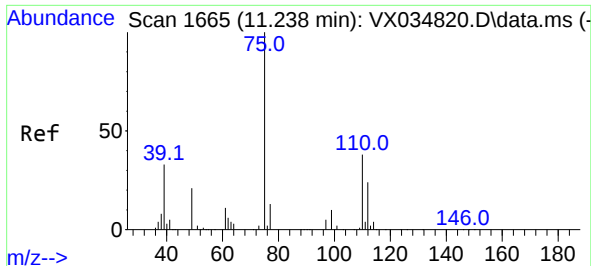
Tgt Ion:105 Resp: 18464
Ion Ratio Lower Upper
105 100
120 24.3 13.3 39.9



#74
N-ethyl acetate
Concen: 1.226 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.048 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 43 Resp: 7213
Ion Ratio Lower Upper
43 100
70 0.0 32.1 48.1#
55 10.9 18.3 27.5#
61 0.0 18.8 28.2#

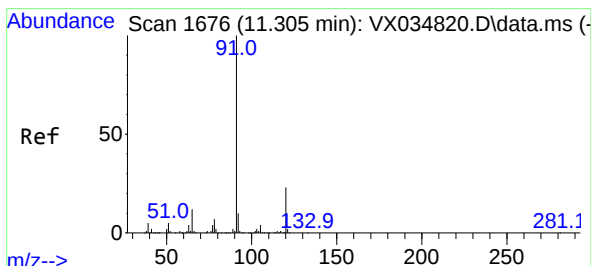
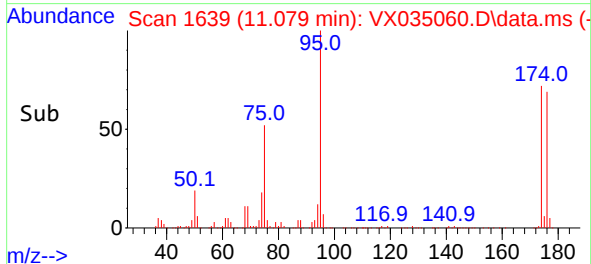
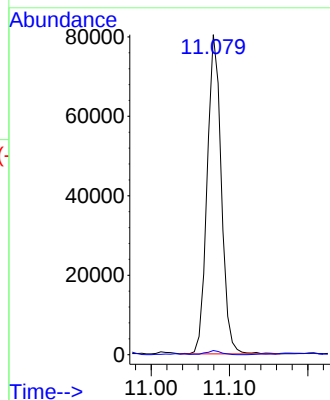
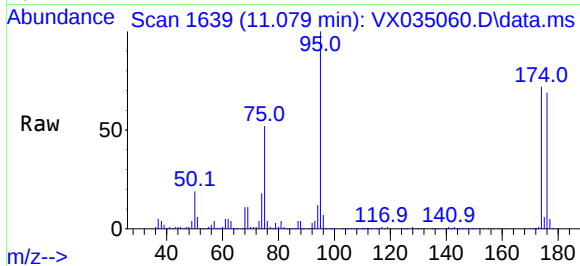




#76
1,2,3-Trichloropropane
Concen: 27.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

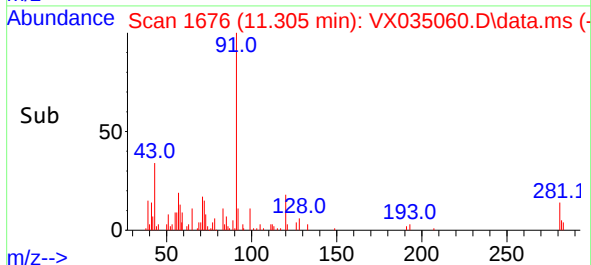
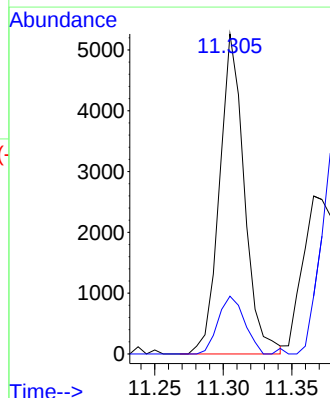
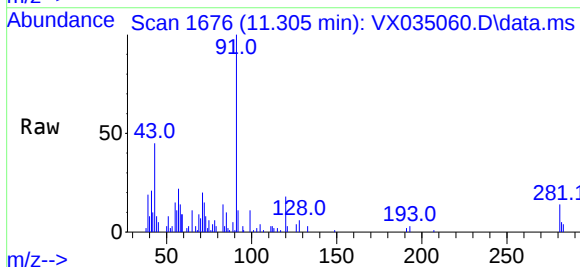
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

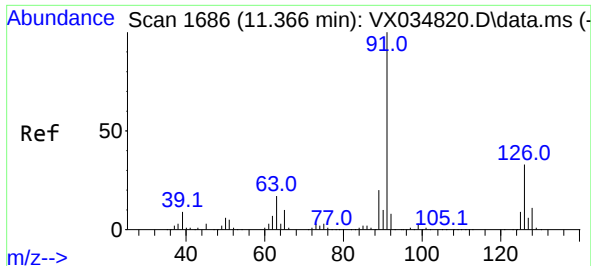
Tgt Ion: 75 Resp: 100538
Ion Ratio Lower Upper
75 100
77 1.4 21.6 64.8#



#78
n-propylbenzene
Concen: 0.438 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 91 Resp: 6618
Ion Ratio Lower Upper
91 100
120 19.2 11.5 34.5

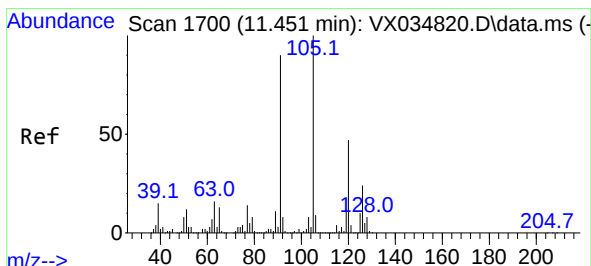
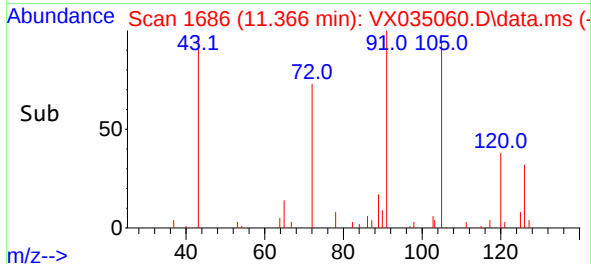
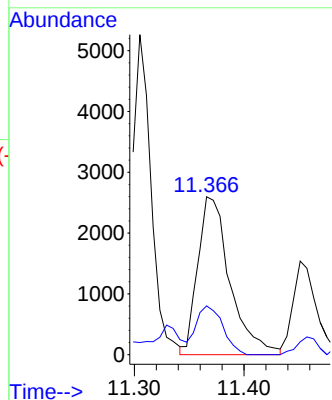
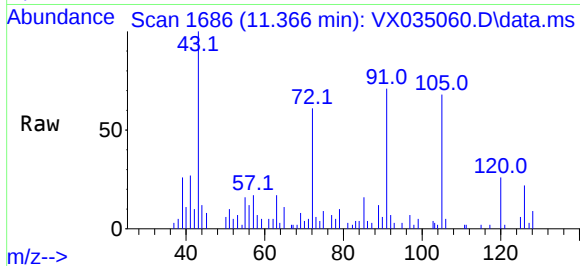




#79
2-Chlorotoluene
Concen: 0.556 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

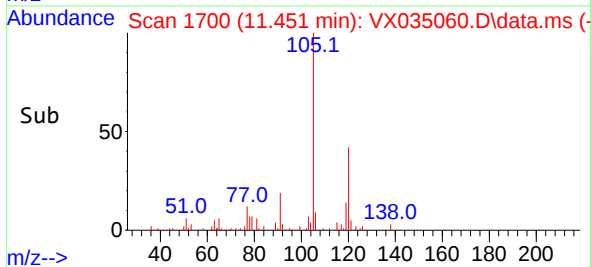
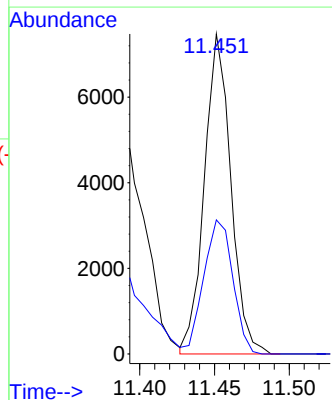
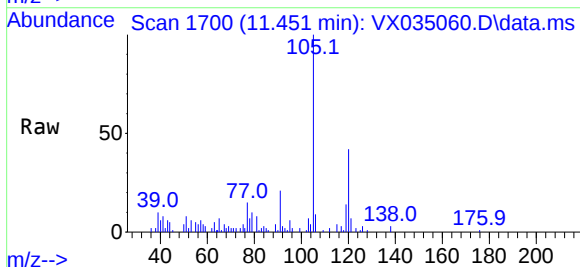
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

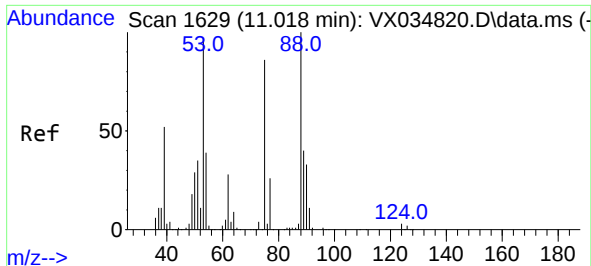
Tgt Ion: 91 Resp: 5303
Ion Ratio Lower Upper
91 100
126 25.5 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 0.842 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 105 Resp: 9209
Ion Ratio Lower Upper
105 100
120 46.1 23.7 71.1

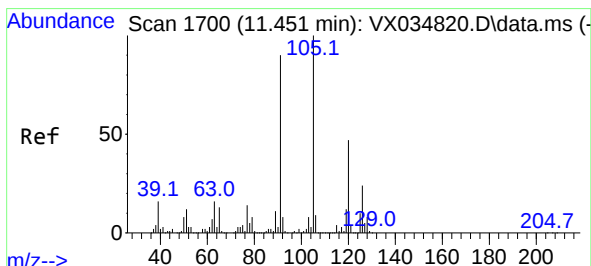
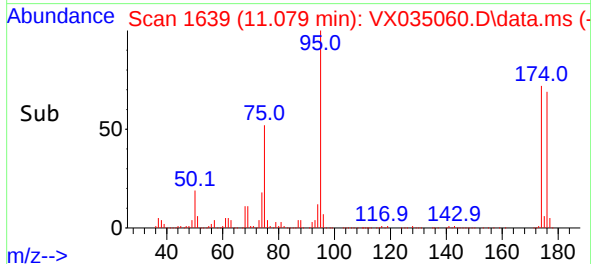
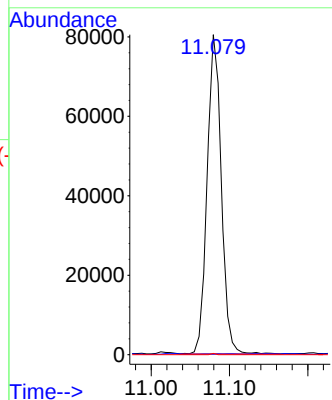
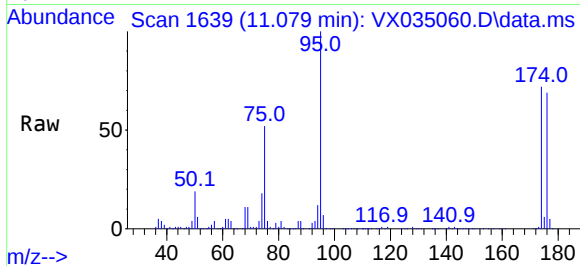




#81
trans-1,4-Dichloro-2-butene
Concen: 83.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

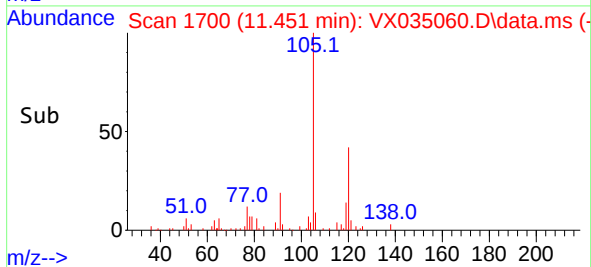
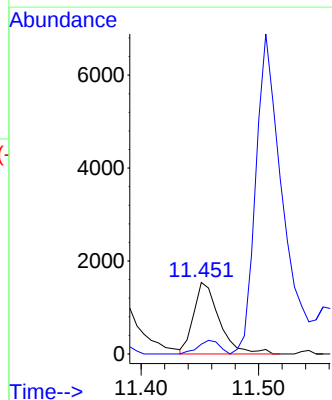
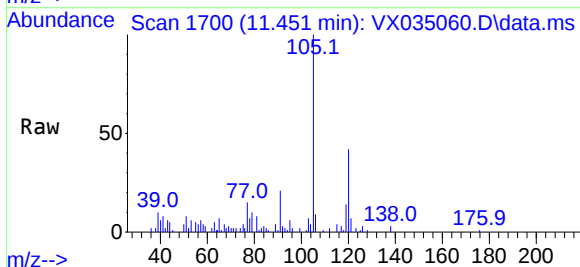
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

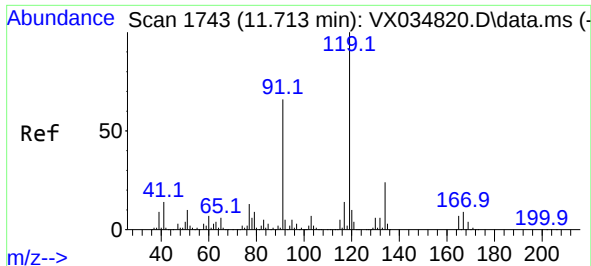
Tgt Ion: 75 Resp: 100538
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.210 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 91 Resp: 2332
Ion Ratio Lower Upper
91 100
126 15.8 14.2 42.6

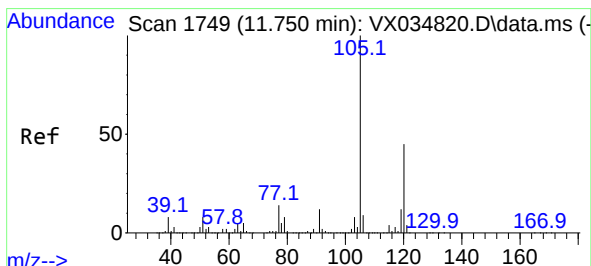
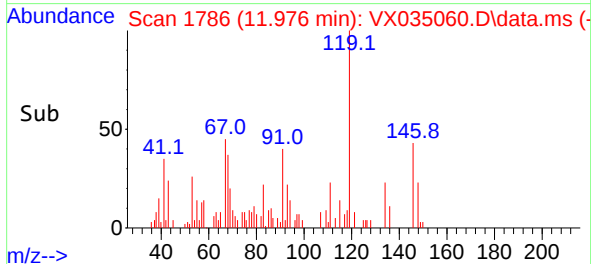
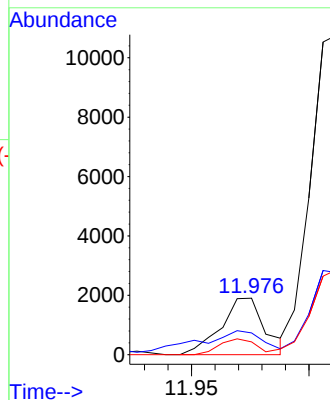
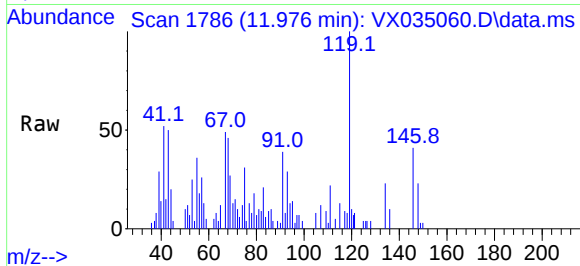




#83
tert-Butylbenzene
Concen: 0.240 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.263 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

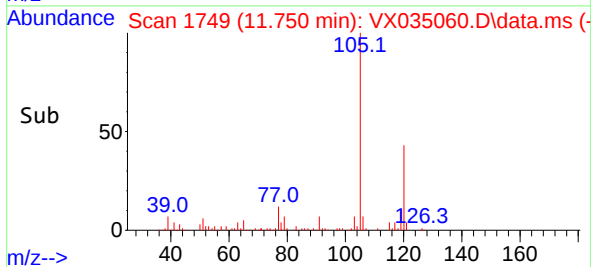
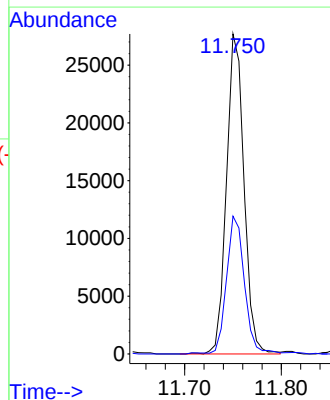
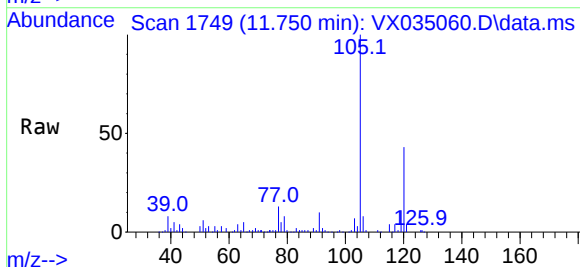
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

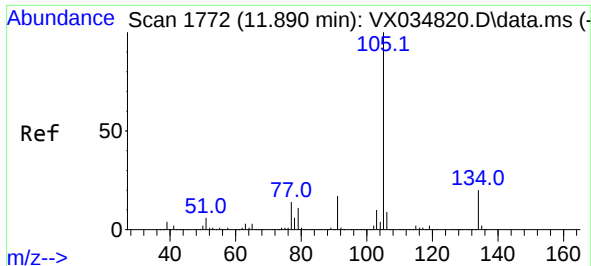
Tgt Ion:	119	Resp:	2467
Ion	Ratio	Lower	Upper
119	100		
91	53.1	30.6	92.0
134	23.3	11.8	35.4



#84
1,2,4-Trimethylbenzene
Concen: 3.124 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:	105	Resp:	34756
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.0

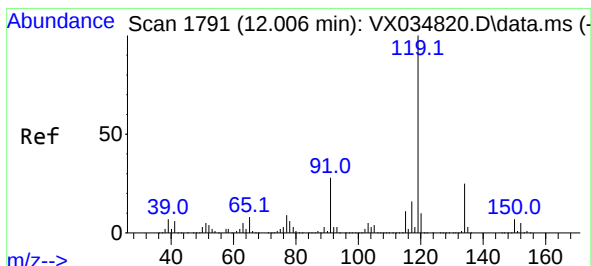
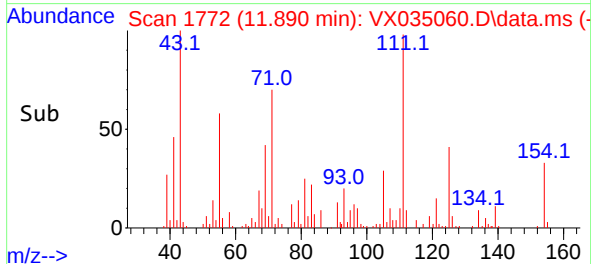
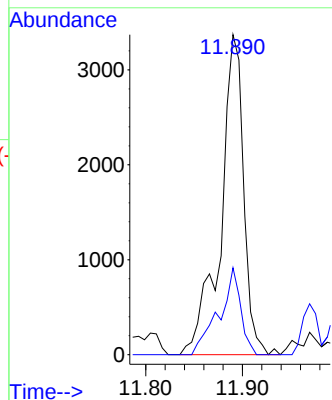
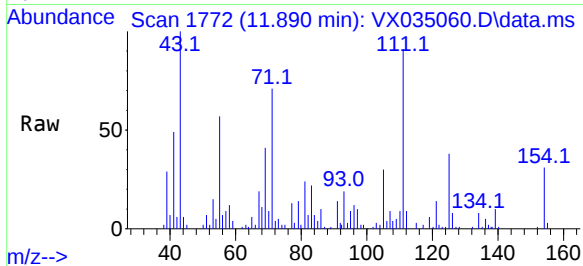




#85
sec-Butylbenzene
Concen: 0.445 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

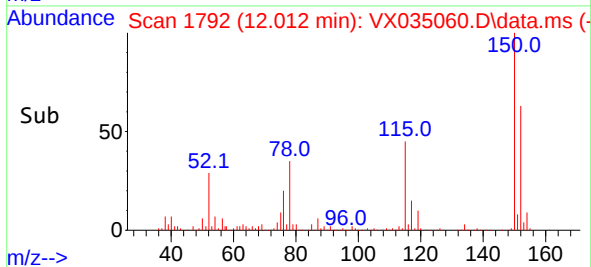
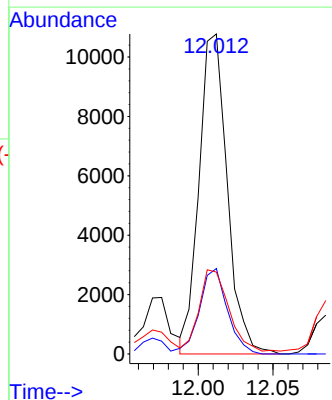
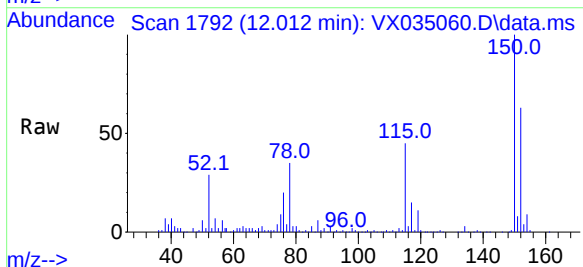
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

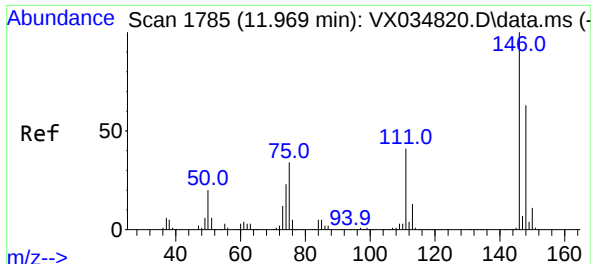
Tgt Ion:105 Resp: 5565
Ion Ratio Lower Upper
105 100
134 25.6 10.2 30.4



#86
p-Isopropyltoluene
Concen: 1.355 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:119 Resp: 14124
Ion Ratio Lower Upper
119 100
134 26.5 13.2 39.5
91 26.9 12.9 38.7

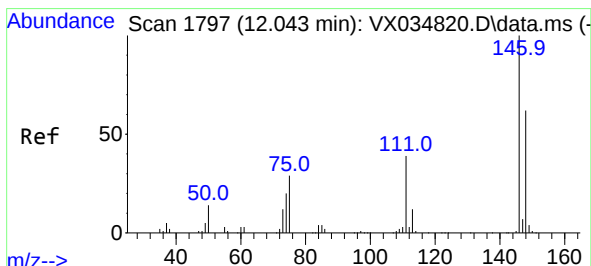
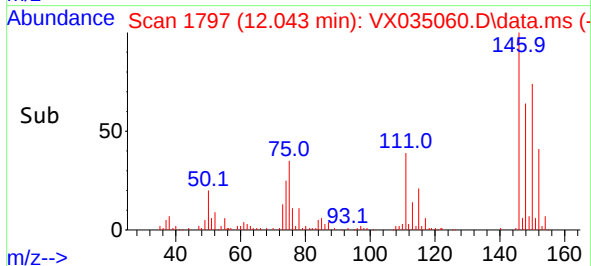
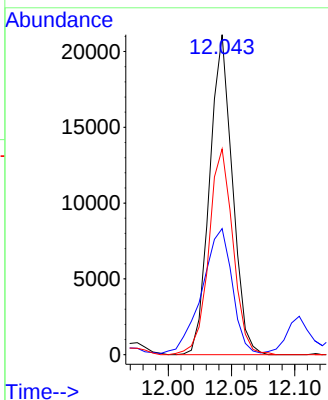
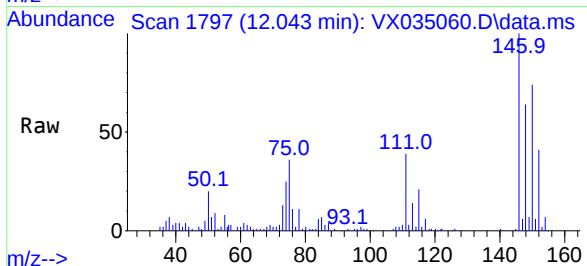




#87
1,3-Dichlorobenzene
Concen: 4.463 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.074 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

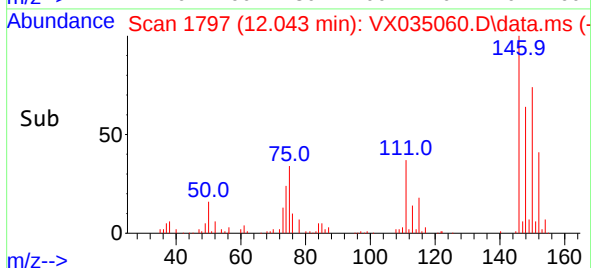
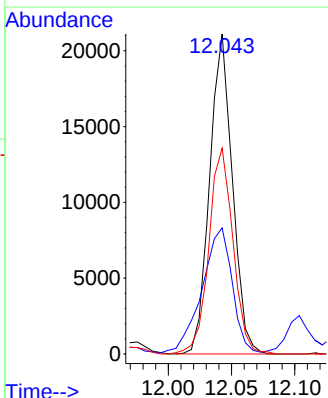
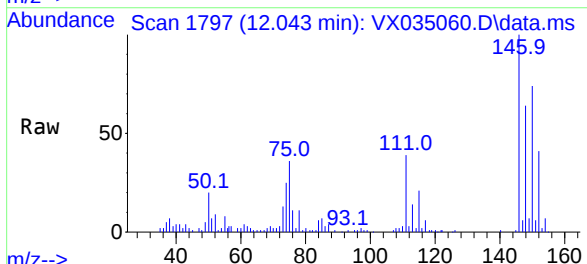
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

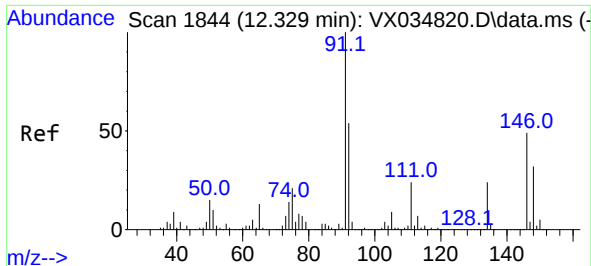
Tgt Ion:146 Resp: 26350
Ion Ratio Lower Upper
146 100
111 52.3 20.9 62.8
148 68.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.273 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:146 Resp: 26350
Ion Ratio Lower Upper
146 100
111 52.3 20.6 61.9
148 68.5 31.8 95.4





#89

n-Butylbenzene

Concen: 0.597 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035060.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_X

ClientSampleId :

230412098-02-VOA

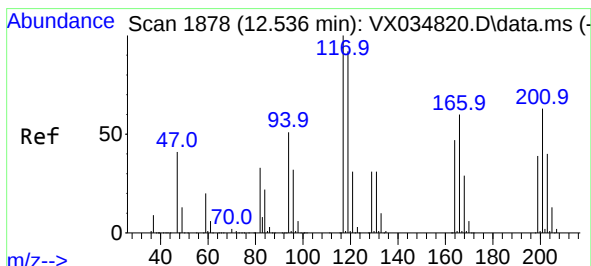
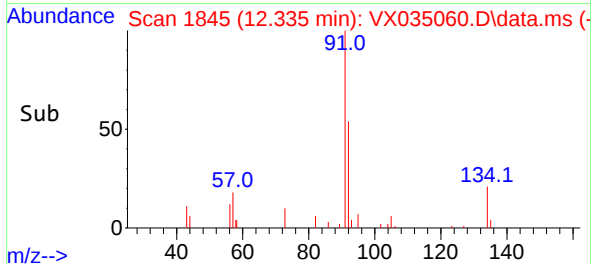
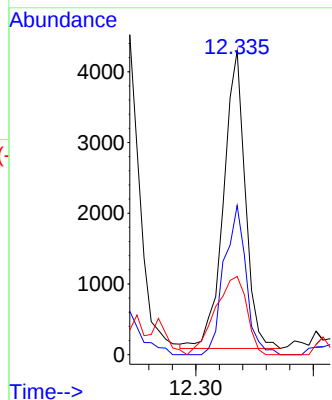
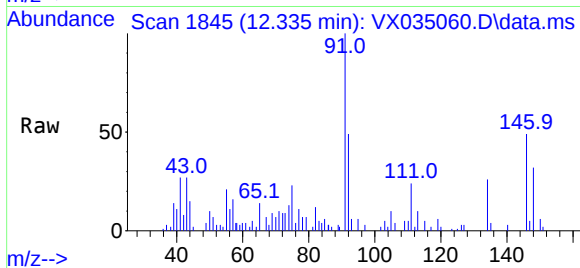
Tgt Ion: 91 Resp: 5432

Ion Ratio Lower Upper

91 100

92 50.7 27.7 83.0

134 37.8 13.0 38.9



#90

Hexachloroethane

Concen: 0.717 ug/l

RT: 12.524 min Scan# 1876

Delta R.T. -0.012 min

Lab File: VX035060.D

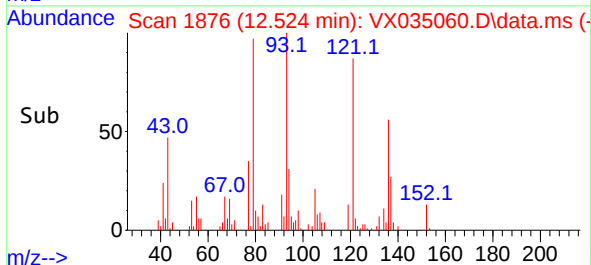
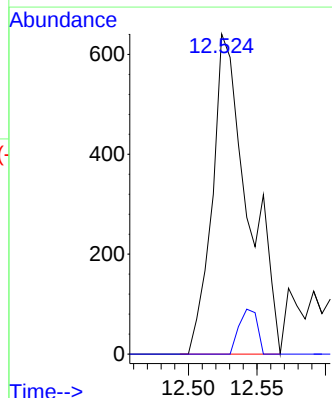
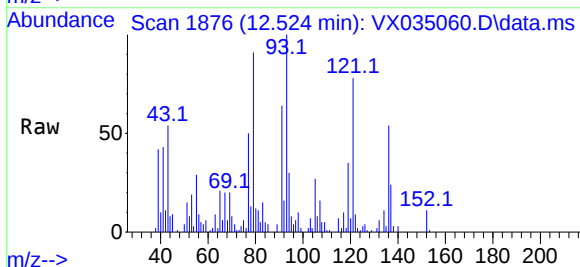
Acq: 13 Apr 2023 13:40

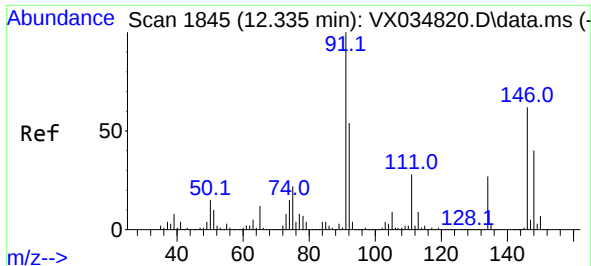
Tgt Ion: 117 Resp: 1157

Ion Ratio Lower Upper

117 100

201 7.2 34.4 103.1#

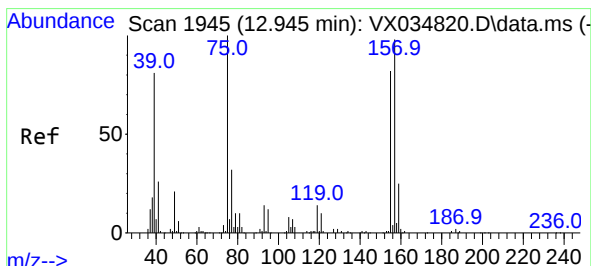
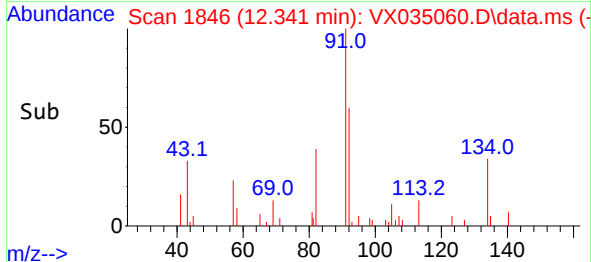
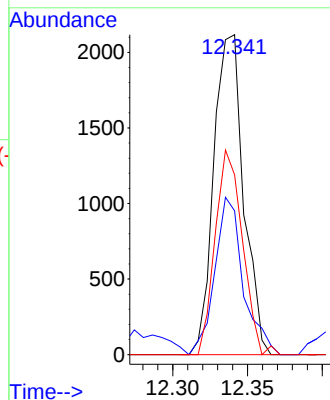
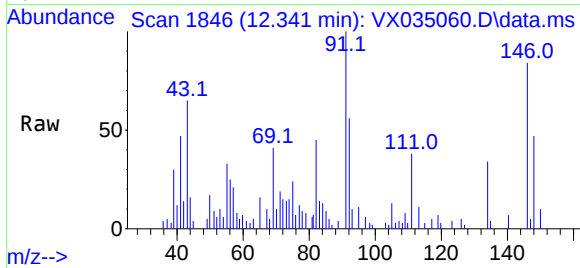




#91
1,2-Dichlorobenzene
Concen: 0.497 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

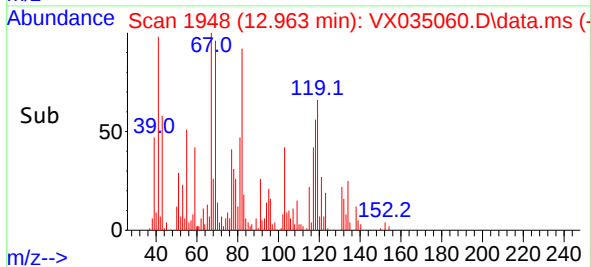
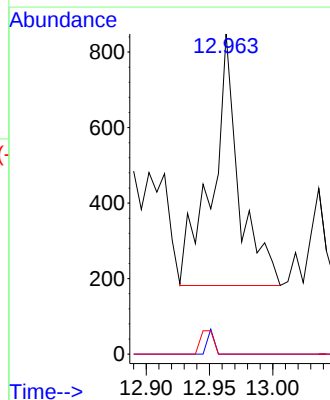
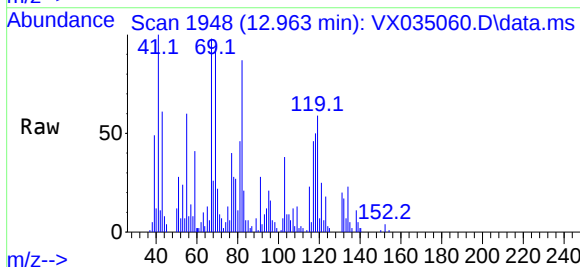
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

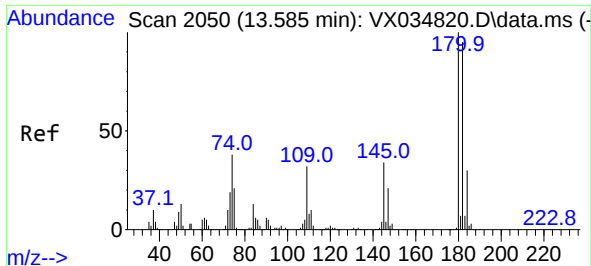
Tgt Ion:146 Resp: 2936
Ion Ratio Lower Upper
146 100
111 46.9 22.0 66.0
148 58.5 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.102 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
155 2.4 38.4 115.1#
157 4.6 49.9 149.7#

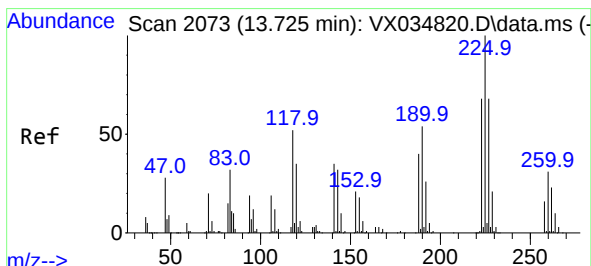
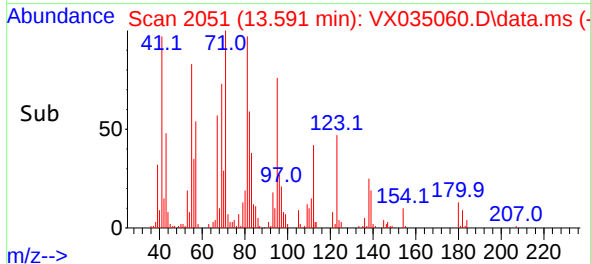
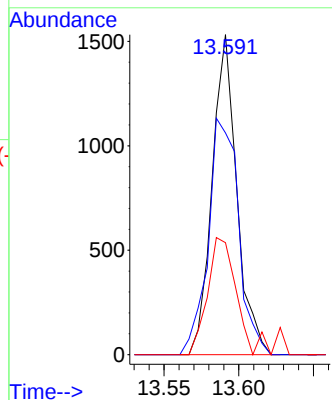
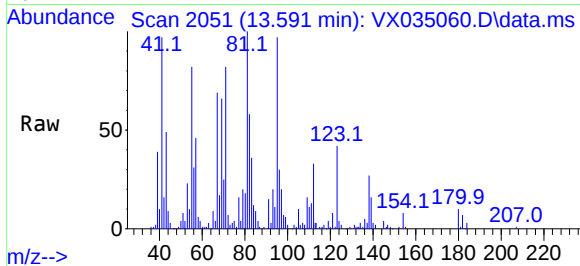




#93
1,2,4-Trichlorobenzene
Concen: 0.524 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

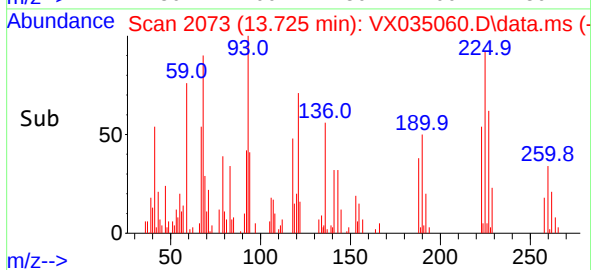
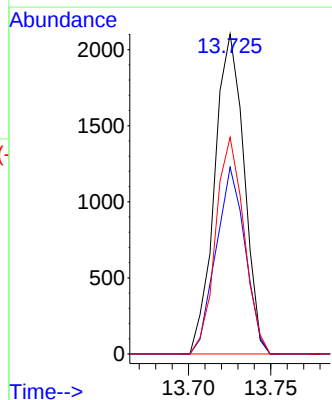
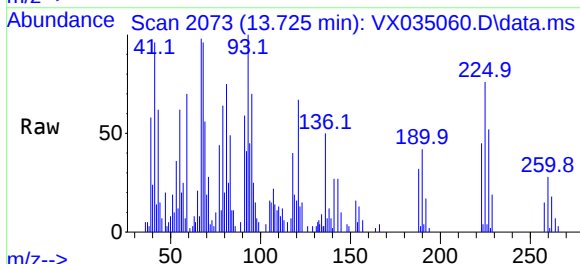
Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

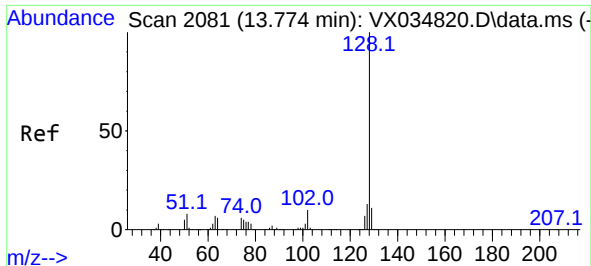
Tgt Ion:	180	Resp:	1753
Ion Ratio	Lower	Upper	
180	100		
182	90.8	47.0	141.0
145	41.1	15.9	47.7



#94
Hexachlorobutadiene
Concen: 1.777 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:	225	Resp:	2614
Ion Ratio	Lower	Upper	
225	100		
223	58.0	32.1	96.5
227	65.5	31.8	95.4



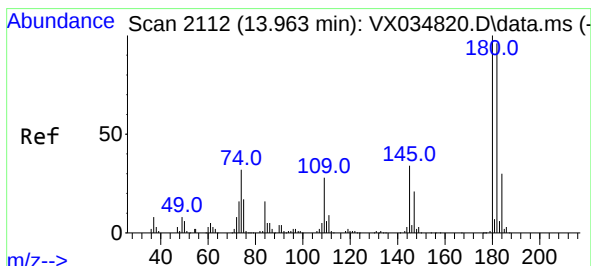
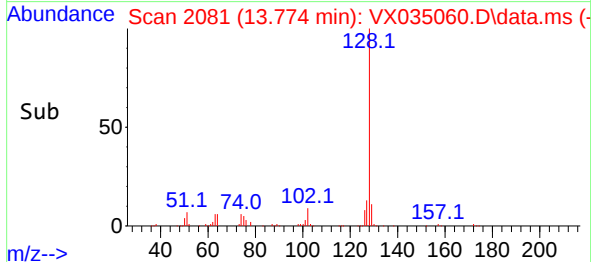
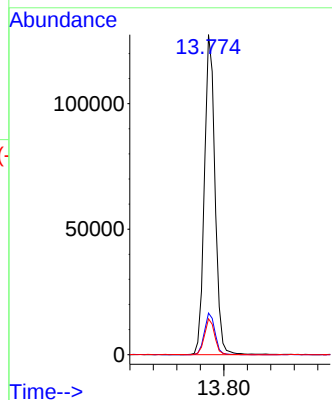
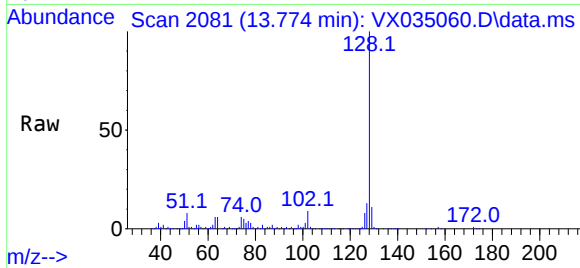


#95
Naphthalene
Concen: 13.458 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Instrument :
MSVOA_X
ClientSampleId :
230412098-02-VOA

Tgt Ion:128 Resp: 159930

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.512 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035060.D
Acq: 13 Apr 2023 13:40

Tgt Ion:180 Resp: 1728

Ion	Ratio	Lower	Upper
180	100		
182	83.9	48.0	144.2
145	51.9	17.7	53.1

