

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022724\
 Data File : VX040497.D
 Acq On : 27 Feb 2024 18:09
 Operator : JC/MD
 Sample : P1613-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1851

Quant Time: Feb 28 02:08:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

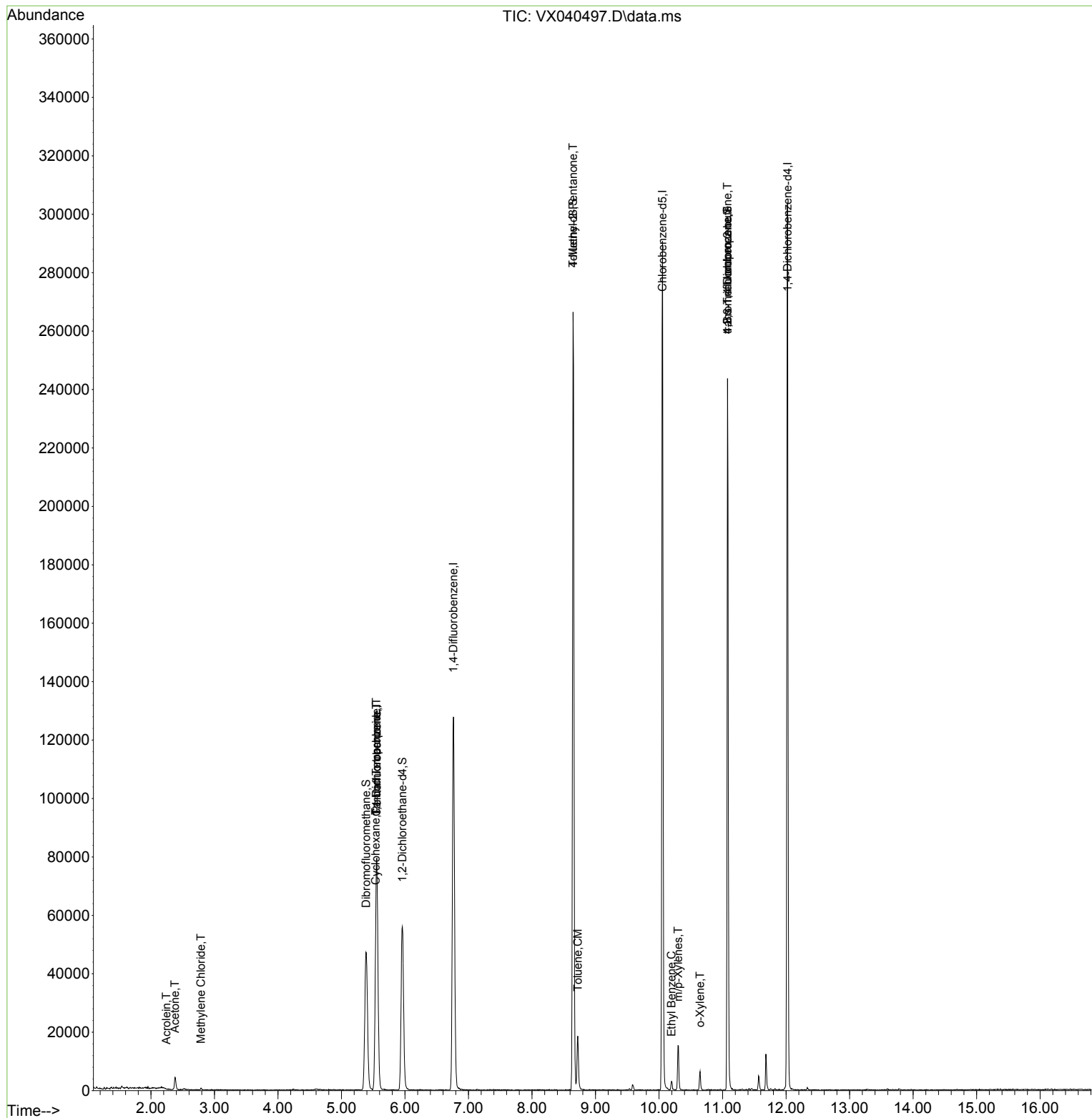
Internal Standards						
1) Pentafluorobenzene	5.556	168	69391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58126	50.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.160%			
35) Dibromofluoromethane	5.385	113	41671	48.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	8.647	98	150978	48.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.620%			
62) 4-Bromofluorobenzene	11.079	95	59959	50.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.700%			
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	85	0.680	ug/l #	14
16) Acetone	2.380	43	4426	11.694	ug/l	93
20) Methylene Chloride	2.788	84	283	0.312	ug/l	90
31) Cyclohexane	5.538	56	1942	1.477	ug/l #	62
36) 1,1-Dichloropropene	5.550	75	6802	5.181	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7805	6.153	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	802	0.538	ug/l #	1
52) Toluene	8.720	92	6556	3.005	ug/l	91
67) Ethyl Benzene	10.195	91	2069	0.437	ug/l	95
68) m/p-Xylenes	10.299	106	3501	1.980	ug/l	92
69) o-Xylene	10.646	106	1326	0.784	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	34024	25.699	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	34024	74.877	ug/l #	5

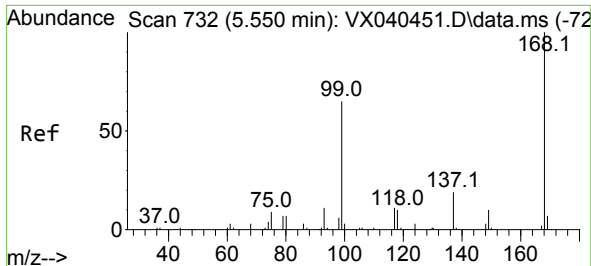
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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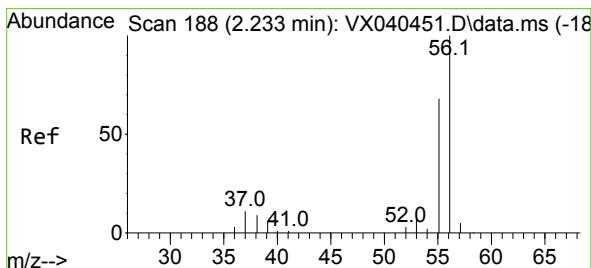
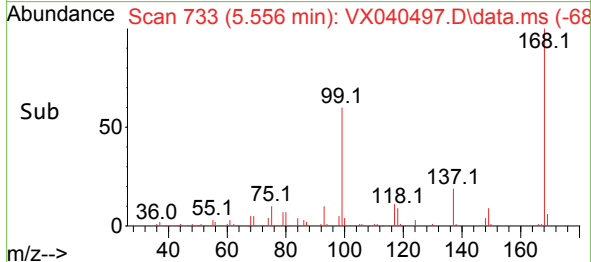
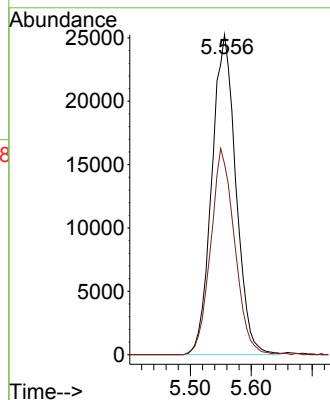
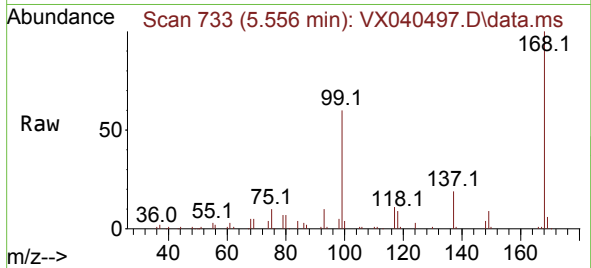




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

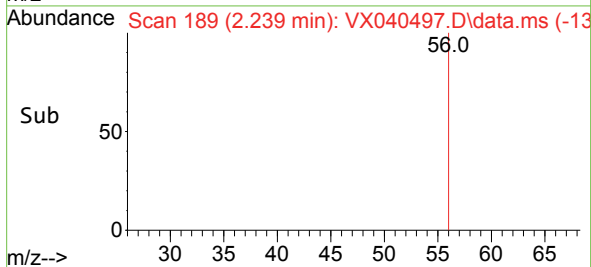
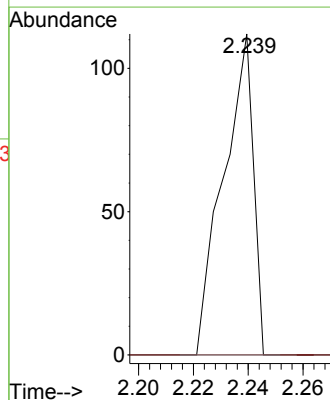
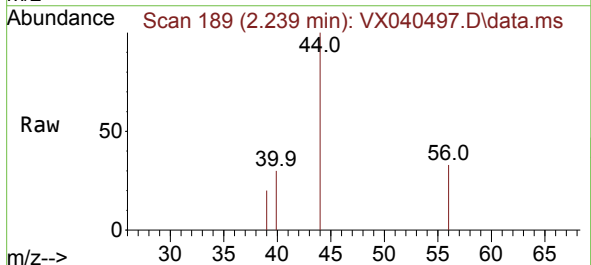
Instrument :
MSVOA_X
ClientSampleId :
1851

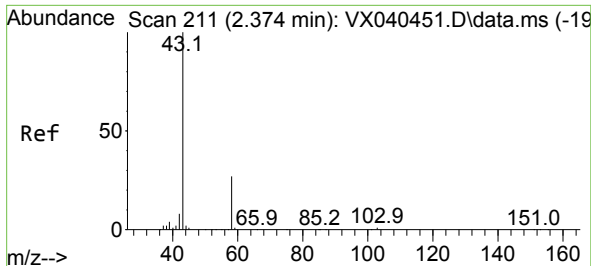
Tgt Ion:168 Resp: 69391
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#13
Acrolein
Concen: 0.680 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 56 Resp: 85
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

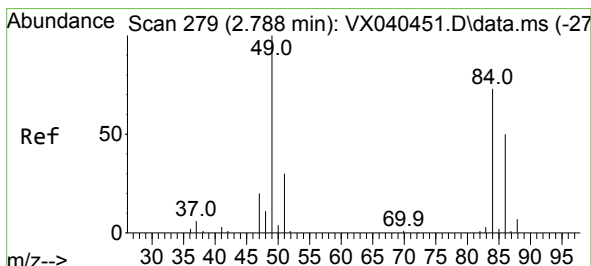
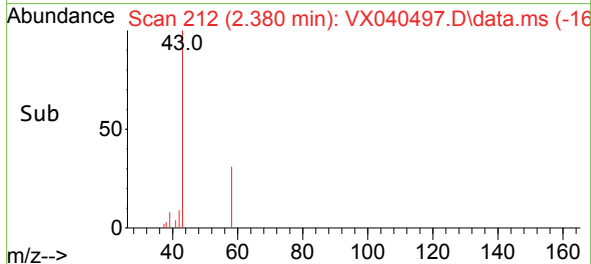
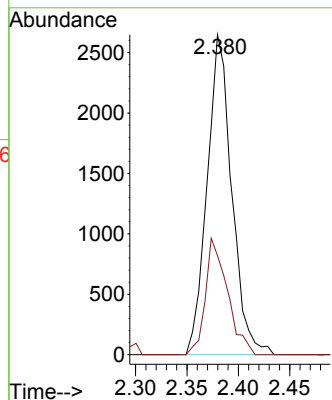
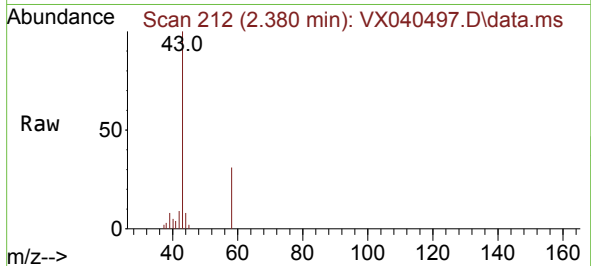




#16
Acetone
Concen: 11.694 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

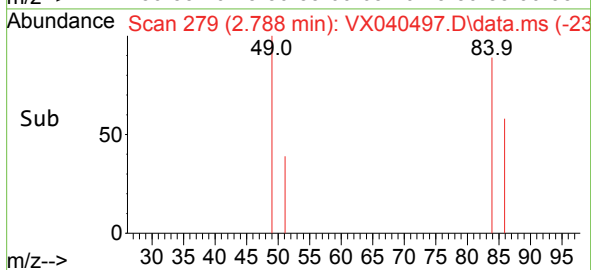
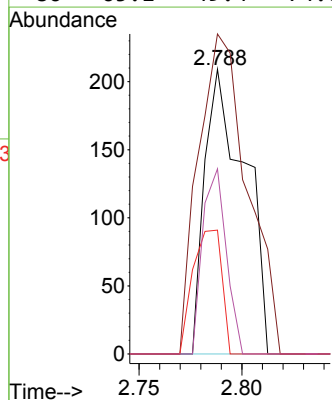
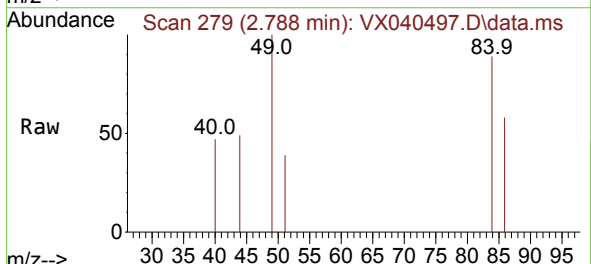
Instrument :
MSVOA_X
ClientSampleId :
1851

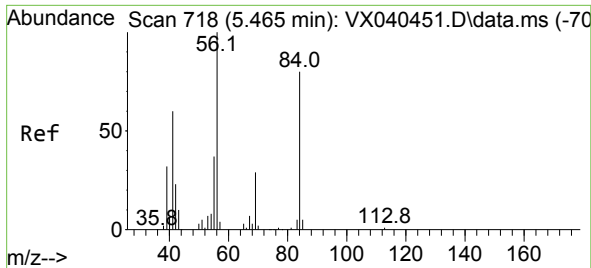
Tgt Ion: 43 Resp: 4426
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 84 Resp: 283
Ion Ratio Lower Upper
84 100
49 112.4 103.6 155.4
51 43.5 33.8 50.6
86 65.1 49.4 74.0

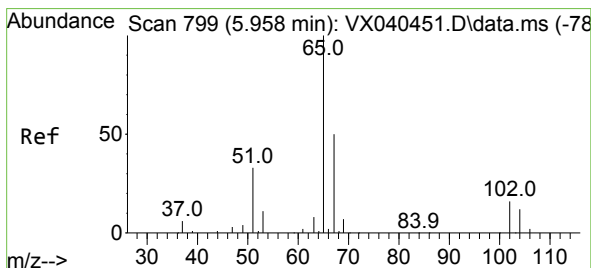
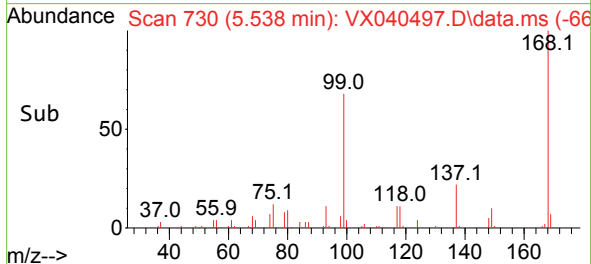
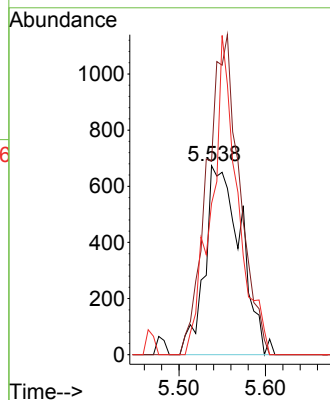
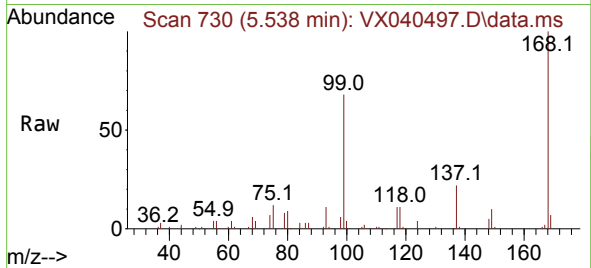




#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

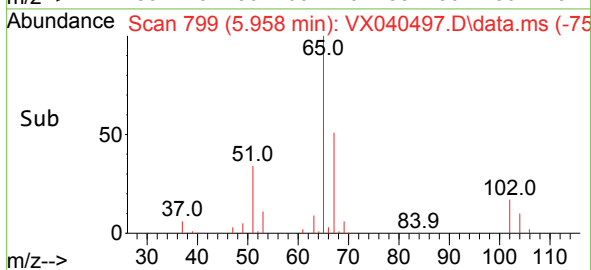
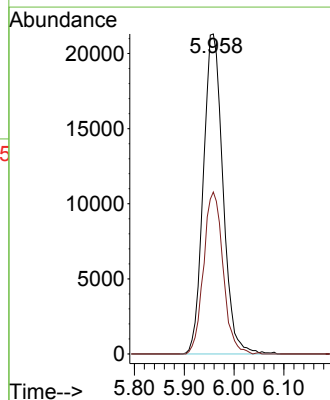
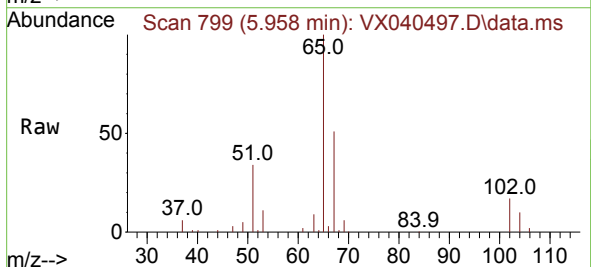
Instrument :
MSVOA_X
ClientSampleId :
1851

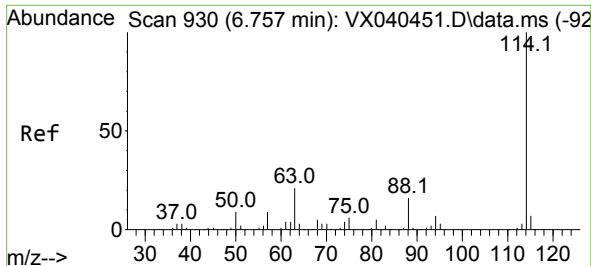
Tgt Ion: 56 Resp: 1942
Ion Ratio Lower Upper
56 100
69 102.4 23.4 35.2#
84 80.1 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 50.082 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 65 Resp: 58126
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.2

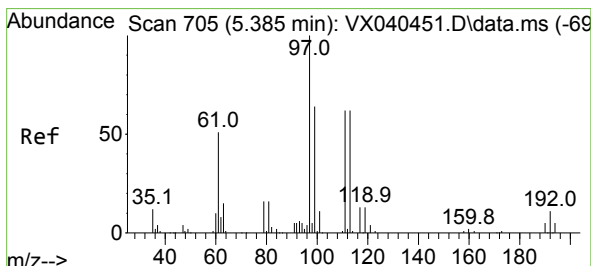
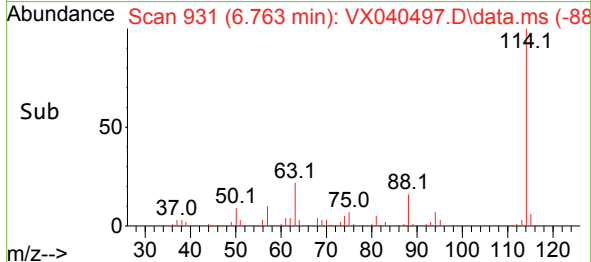
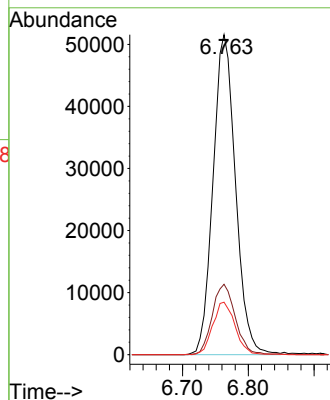
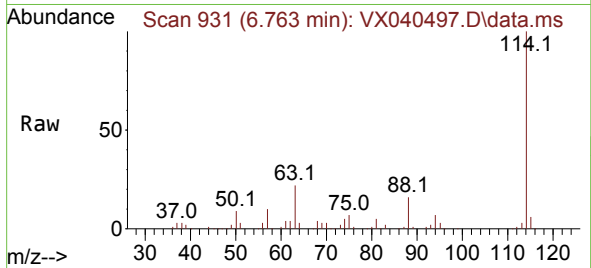




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

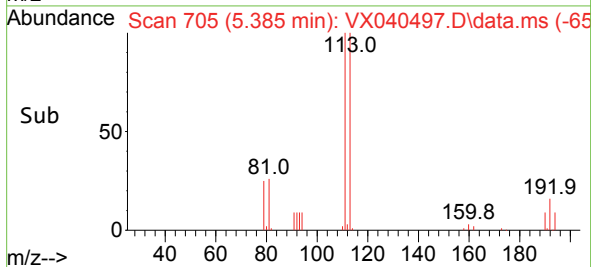
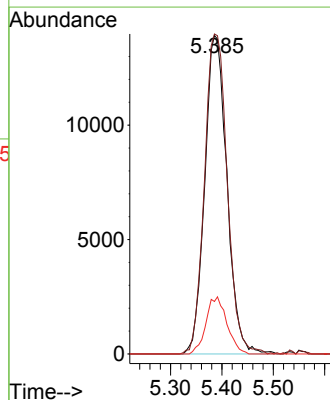
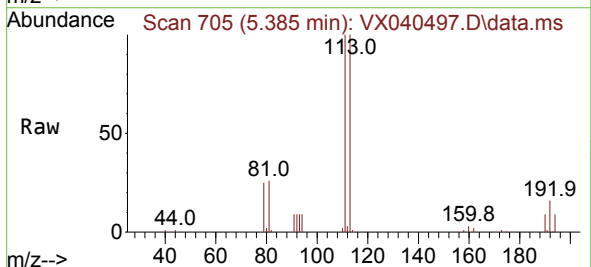
Instrument :
MSVOA_X
ClientSampleId :
1851

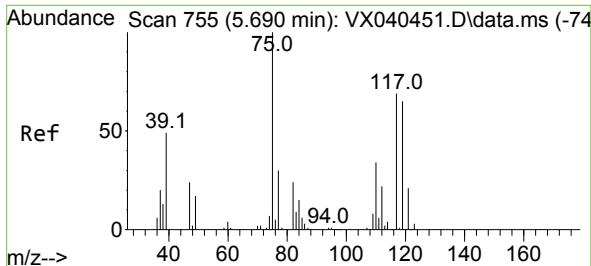
Tgt Ion:114 Resp: 122548
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.899 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion:113 Resp: 41671
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 16.9 13.3 19.9

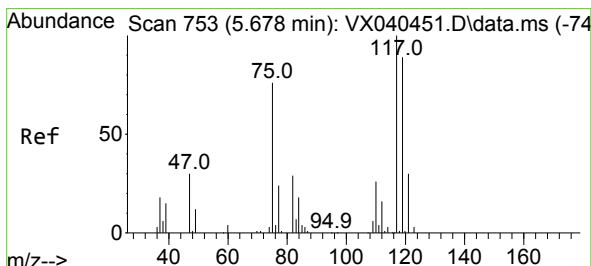
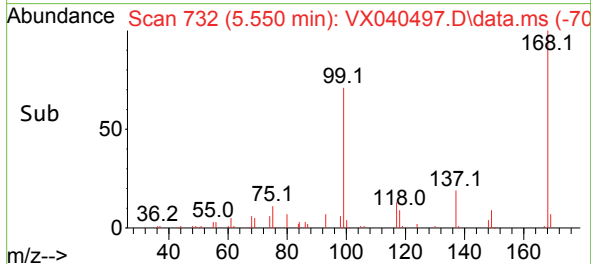
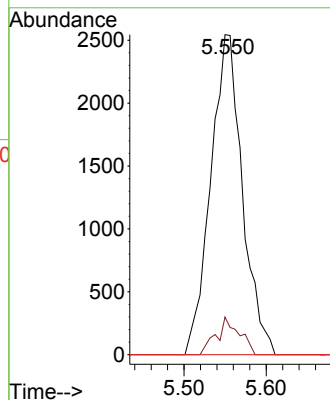
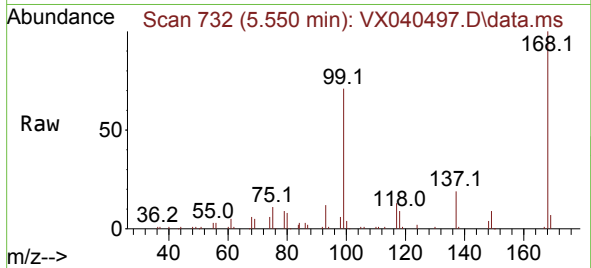




#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

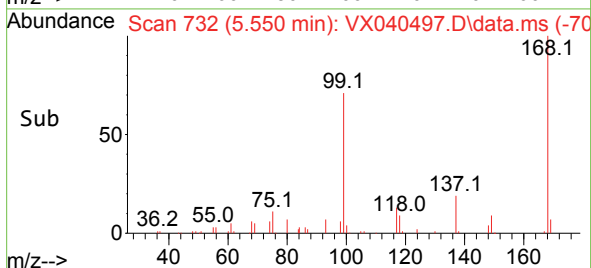
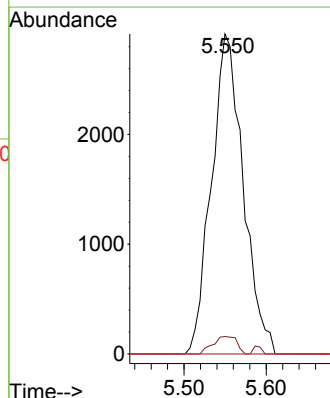
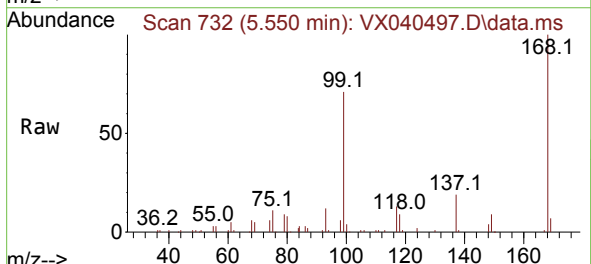
Instrument :
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ClientSampleId :
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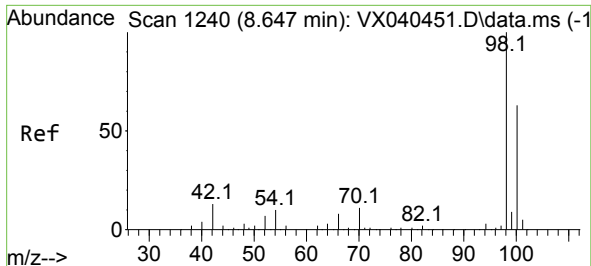
Tgt Ion: 75 Resp: 6802
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.153 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 117 Resp: 7805
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

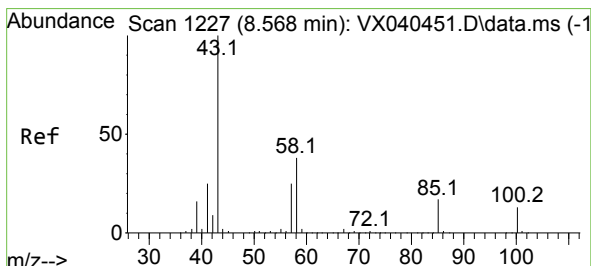
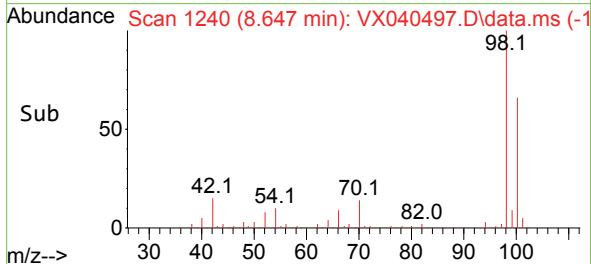
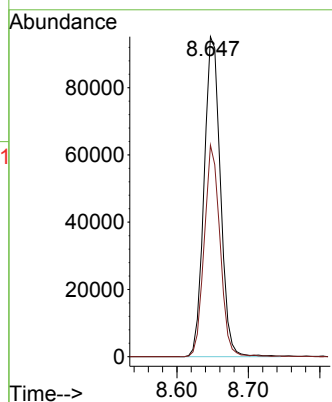
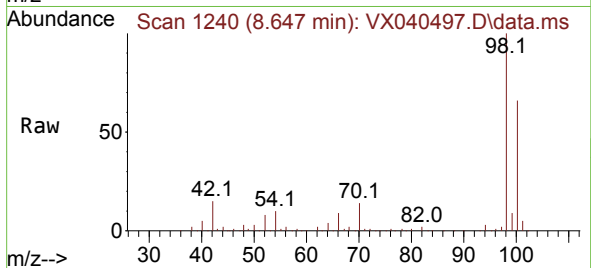




#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.647 min Scan# 11851
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

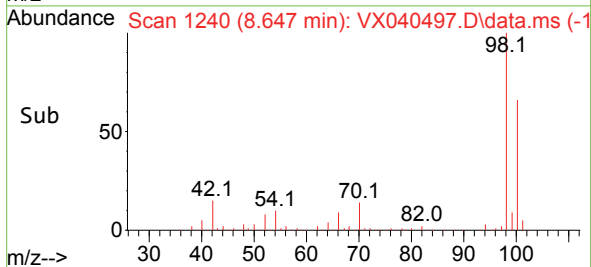
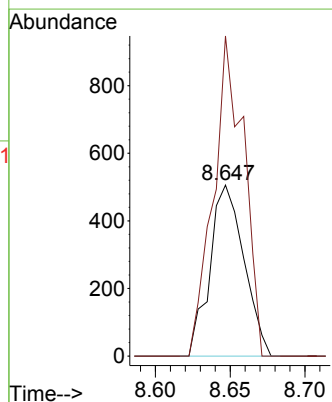
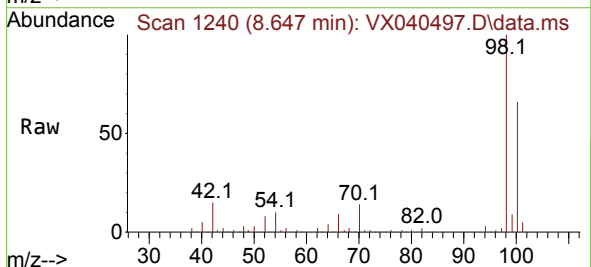
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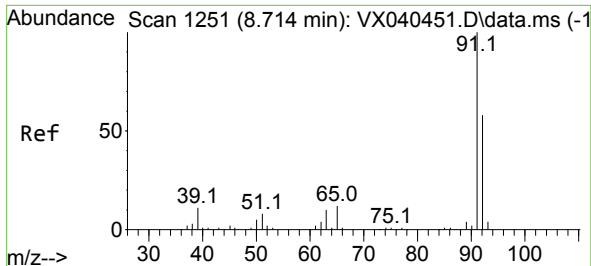
Tgt Ion: 98 Resp: 150978
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 167.5 30.4 45.6#

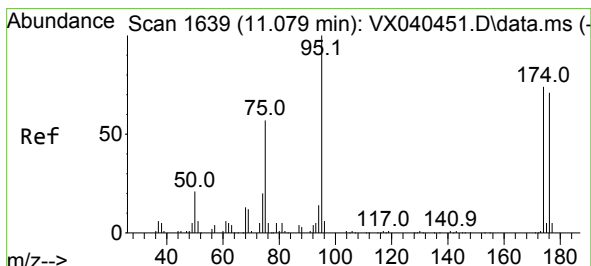
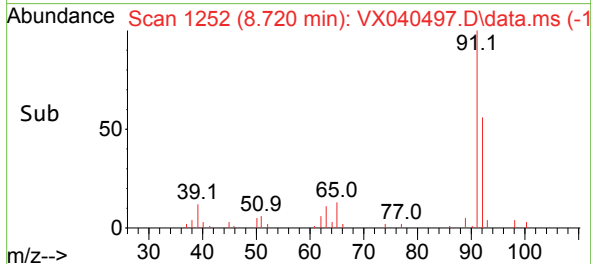
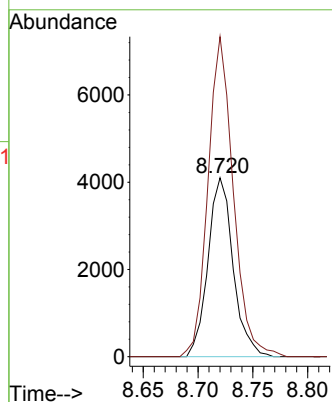
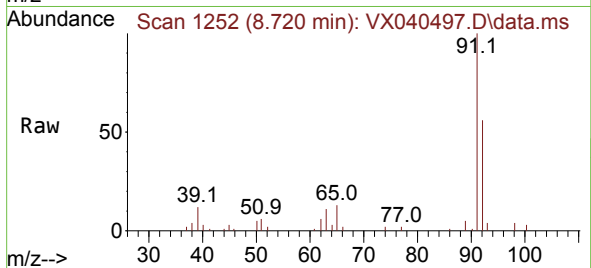




#52
Toluene
Concen: 3.005 ug/l
RT: 8.720 min Scan# 11851
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

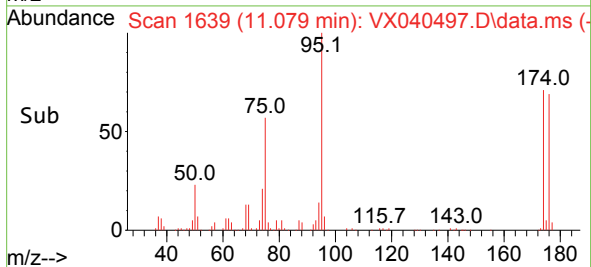
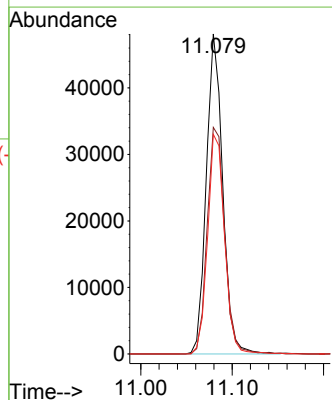
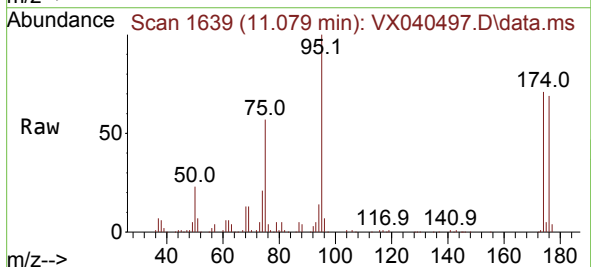
Instrument :
MSVOA_X
ClientSampleId :
1851

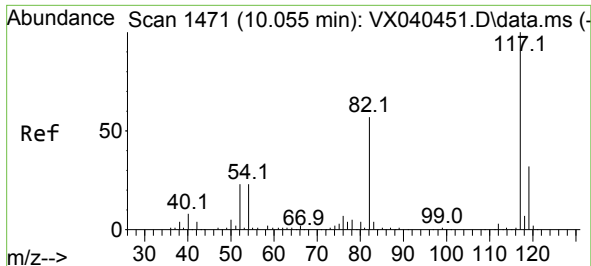
Tgt Ion: 92 Resp: 6556
Ion Ratio Lower Upper
92 100
91 179.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 50.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 95 Resp: 59959
Ion Ratio Lower Upper
95 100
174 75.7 0.0 135.6
176 70.9 0.0 131.0

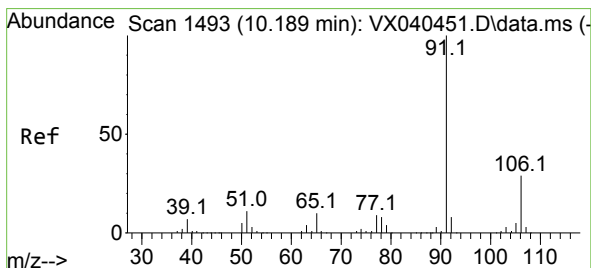
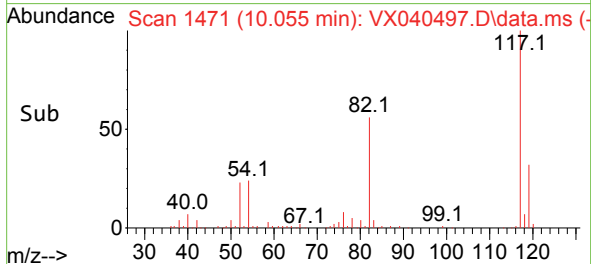
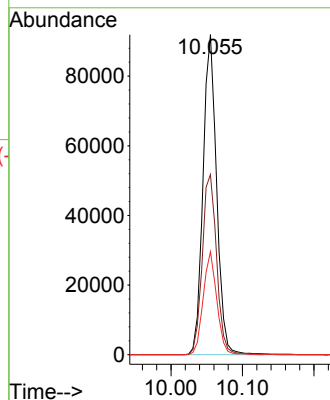
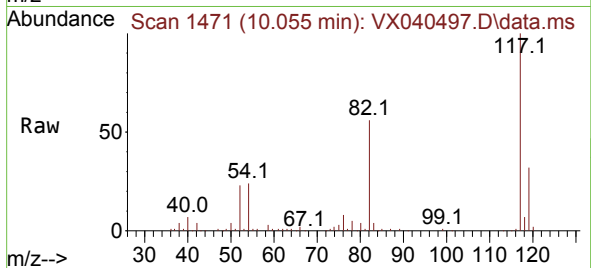




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

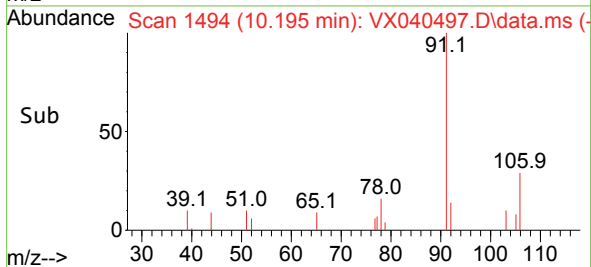
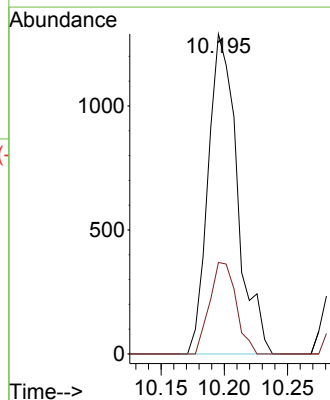
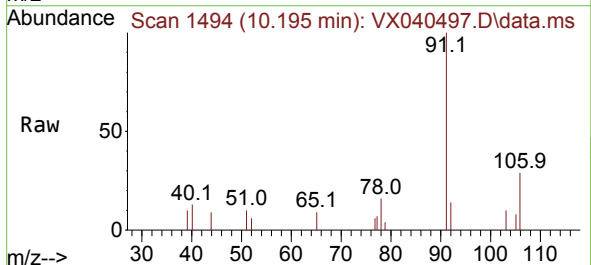
Instrument :
MSVOA_X
ClientSampleId :
1851

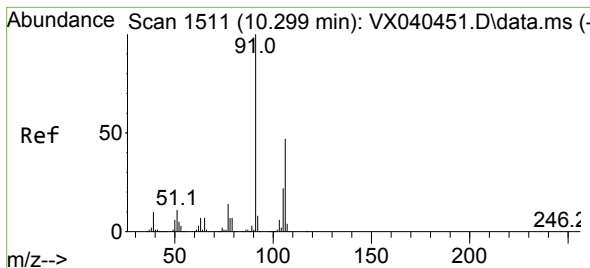
Tgt Ion:117 Resp: 121604
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.437 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 91 Resp: 2069
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3

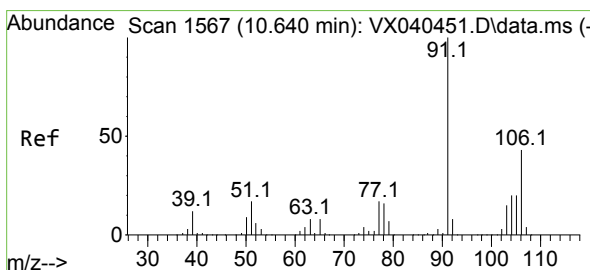
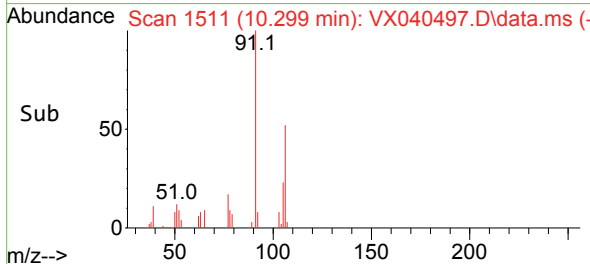
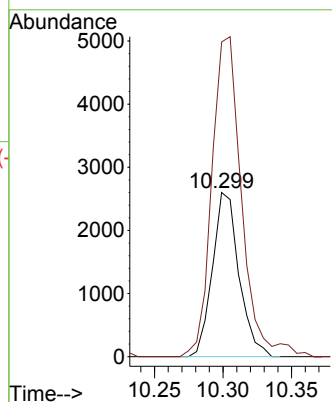
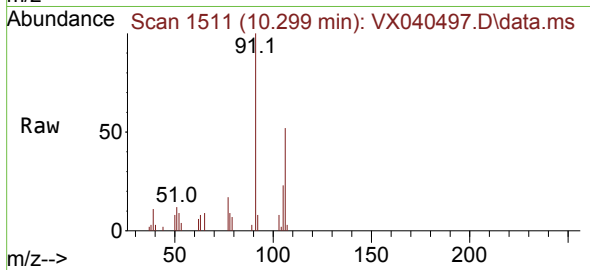




#68
m/p-Xylenes
Concen: 1.980 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

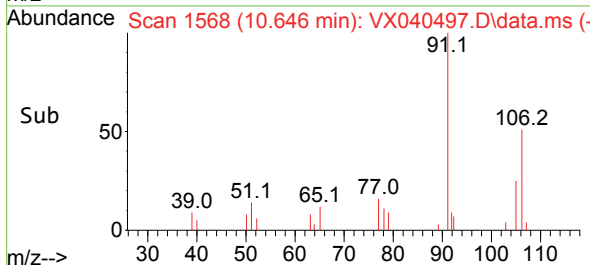
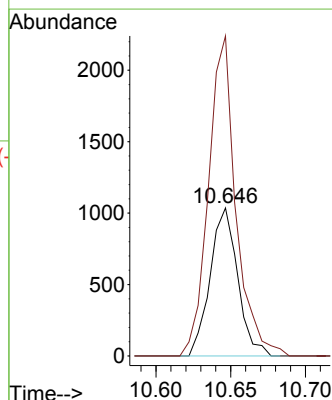
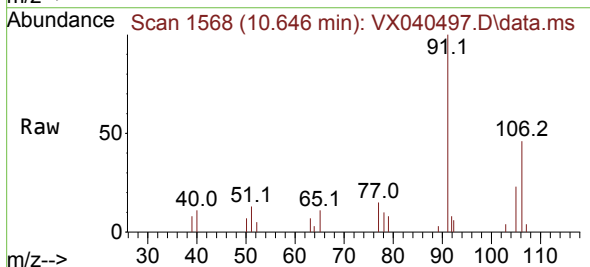
Instrument :
MSVOA_X
ClientSampleId :
1851

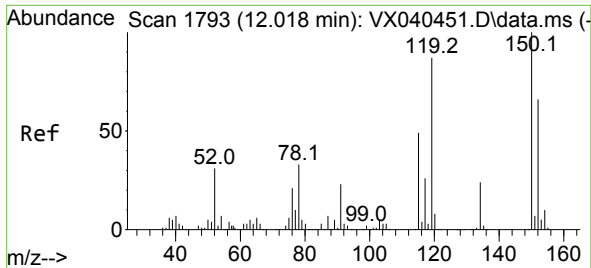
Tgt Ion:106 Resp: 3501
Ion Ratio Lower Upper
106 100
91 218.6 165.5 248.3



#69
o-Xylene
Concen: 0.784 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion:106 Resp: 1326
Ion Ratio Lower Upper
106 100
91 215.5 108.9 326.8

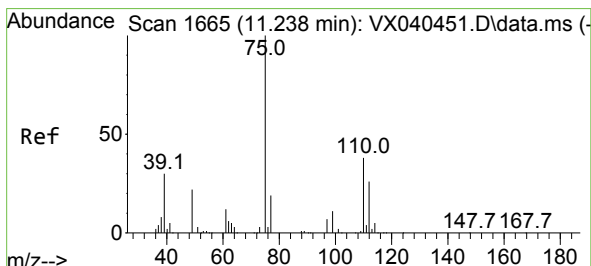
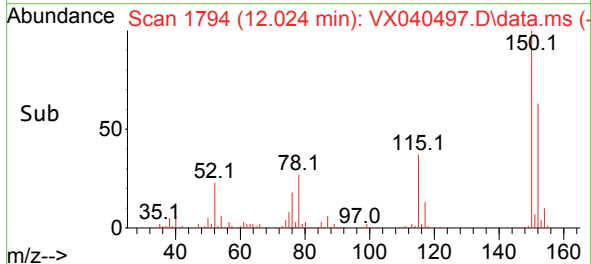
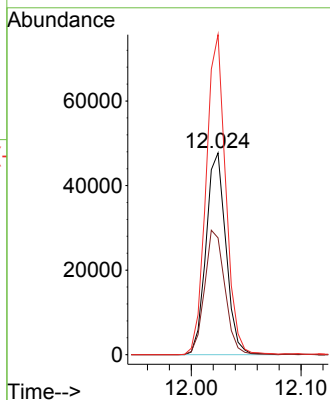
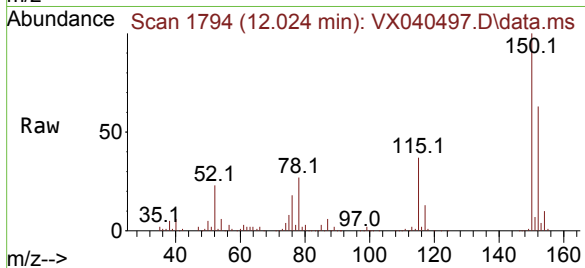




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

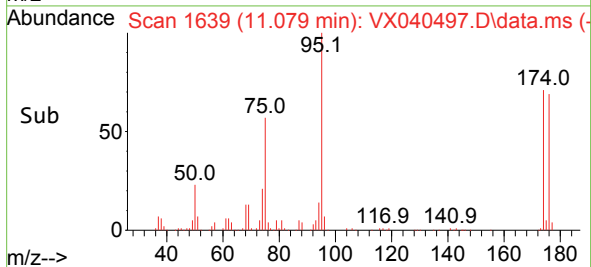
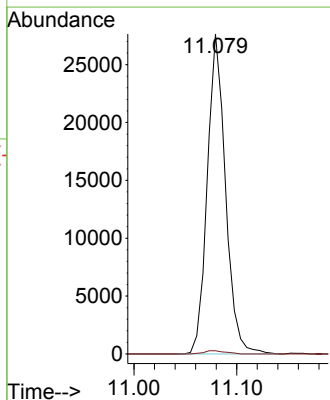
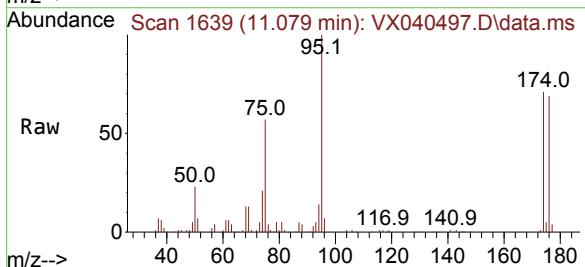
Instrument :
MSVOA_X
ClientSampleId :
1851

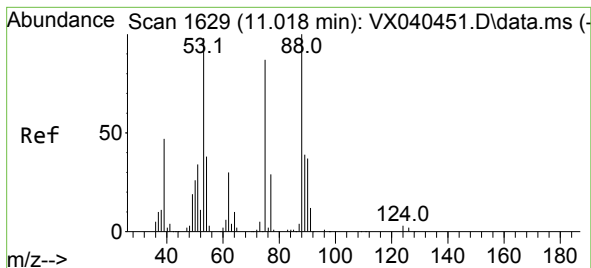
Tgt Ion:152 Resp: 60157
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 156.2 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040497.D
Acq: 27 Feb 2024 18:09

Tgt Ion: 75 Resp: 34024
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.877 ug/l
 RT: 11.079 min Scan# 11851
 Delta R.T. 0.061 min
 Lab File: VX040497.D
 Acq: 27 Feb 2024 18:09

Instrument :
 MSVOA_X
 ClientSampleId :
 1851

Tgt Ion: 75 Resp: 34024
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

