

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040151.D
 Acq On : 07 Feb 2024 14:55
 Operator : JC/MD
 Sample : P1376-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240201RE

Quant Time: Feb 07 15:23:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

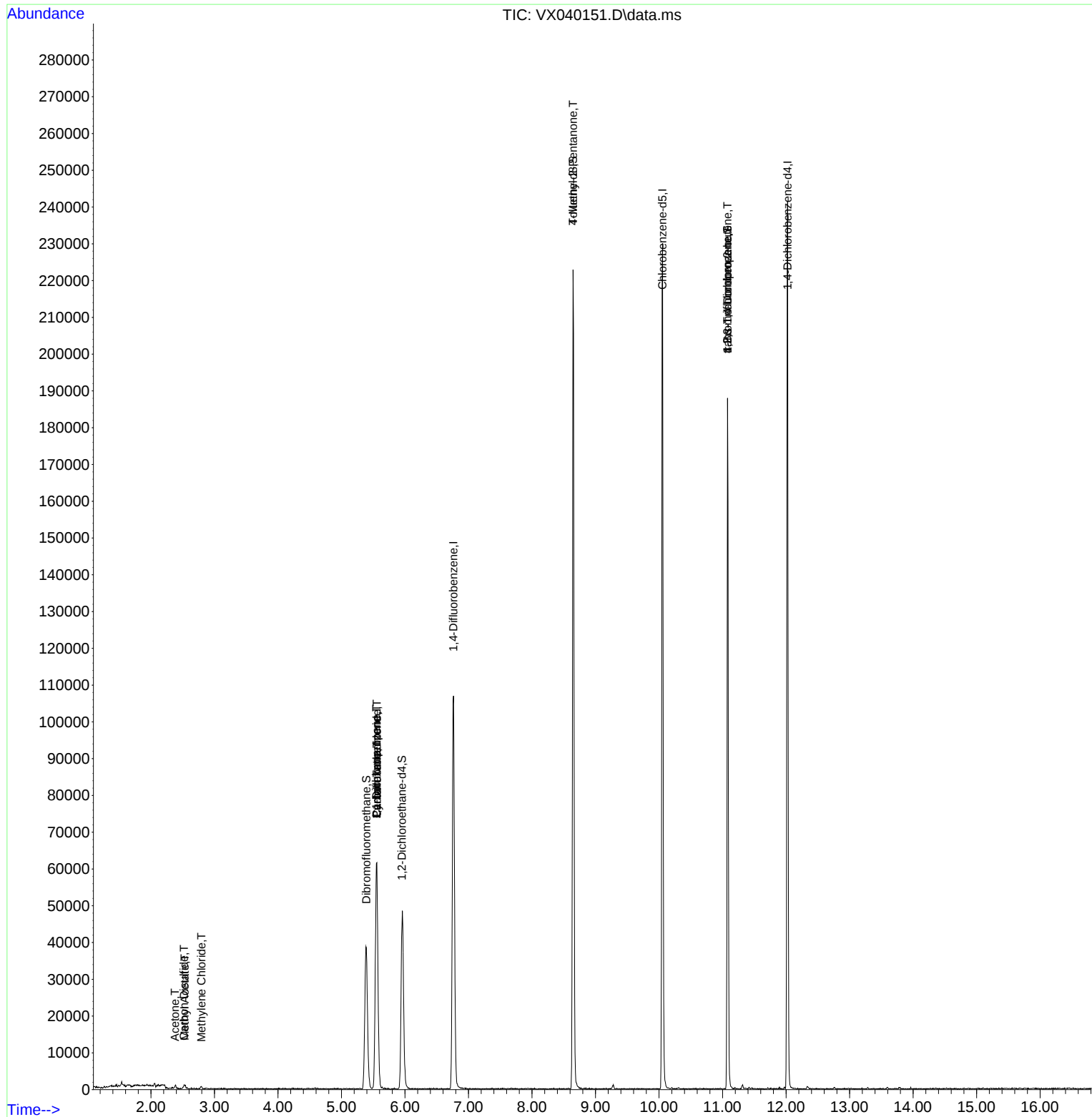
Internal Standards						
1) Pentafluorobenzene	5.556	168	50798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	101057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47889	58.578	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.160%#	
35) Dibromofluoromethane	5.391	113	33781	49.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.220%	
50) Toluene-d8	8.647	98	125657	48.843	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.680%	
62) 4-Bromofluorobenzene	11.079	95	46527	46.968	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.940%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	823	2.149	ug/l #	86
17) Carbon Disulfide	2.520	76	525	0.314	ug/l #	76
18) Methyl Acetate	2.532	43	227	0.250	ug/l #	53
20) Methylene Chloride	2.794	84	259	0.380	ug/l #	85
31) Cyclohexane	5.556	56	1824	1.781	ug/l #	46
36) 1,1-Dichloropropene	5.550	75	5962	5.992	ug/l #	45
38) Carbon Tetrachloride	5.556	117	6343	6.663	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	856	0.732	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28255	29.193	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	28255	84.097	ug/l #	5

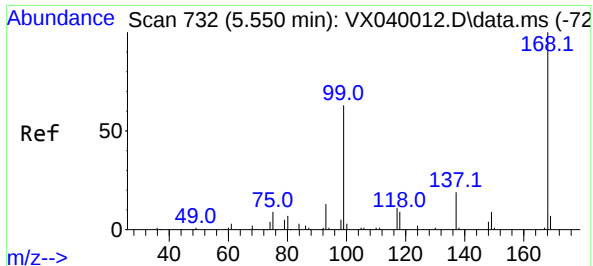
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

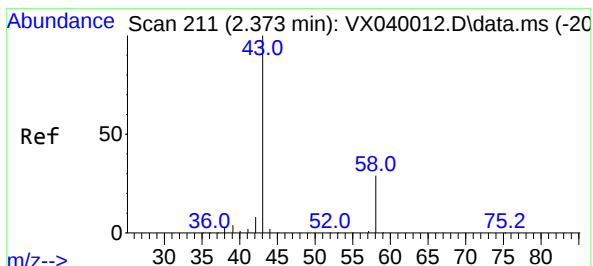
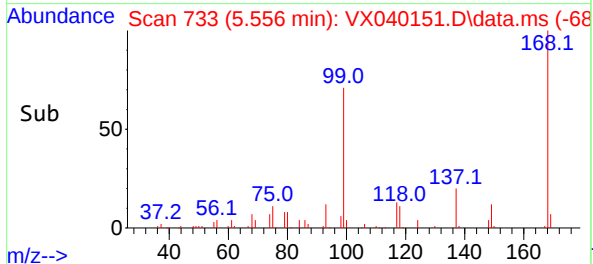
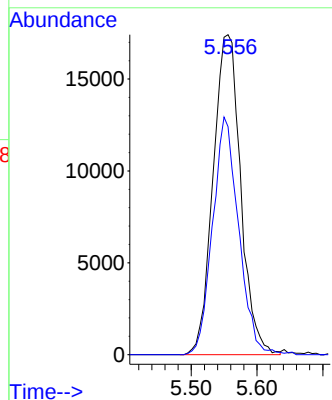
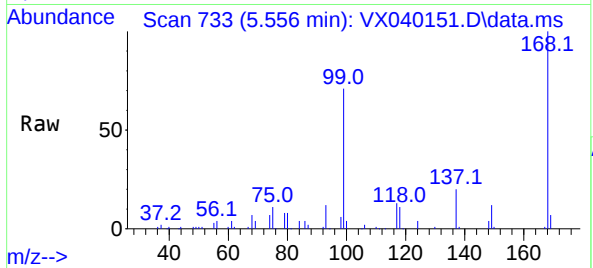




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

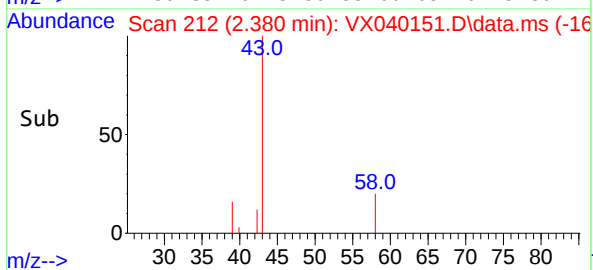
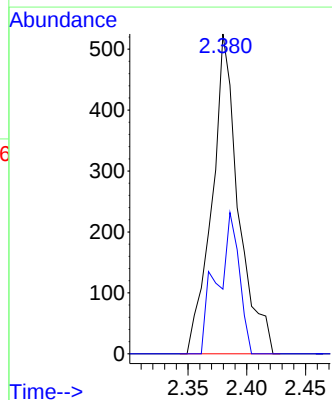
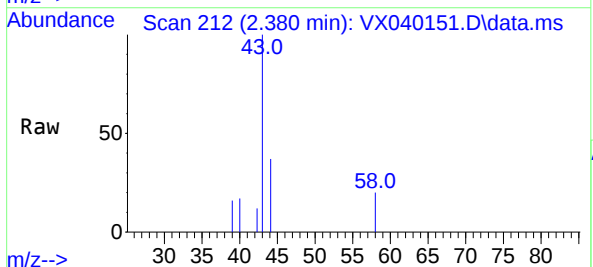
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

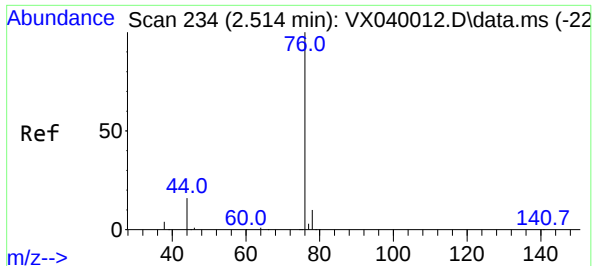
Tgt Ion:168 Resp: 50798
Ion Ratio Lower Upper
168 100
99 71.3 56.6 85.0



#16
Acetone
Concen: 2.149 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
58 20.2 21.9 32.9#

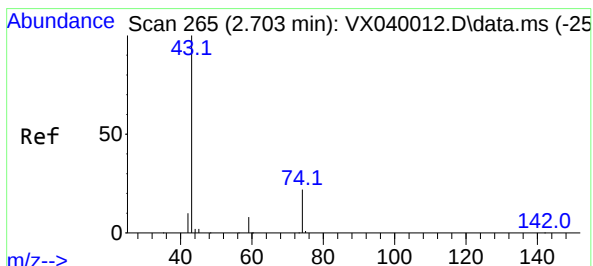
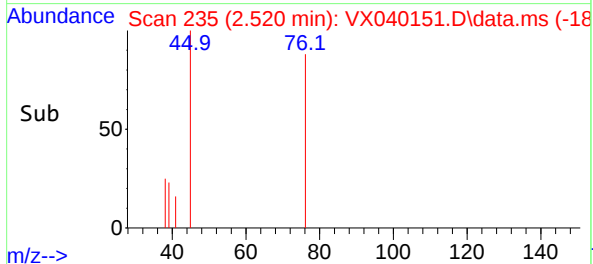
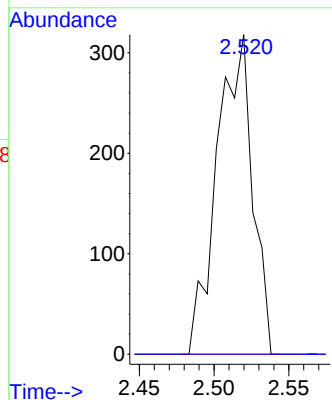
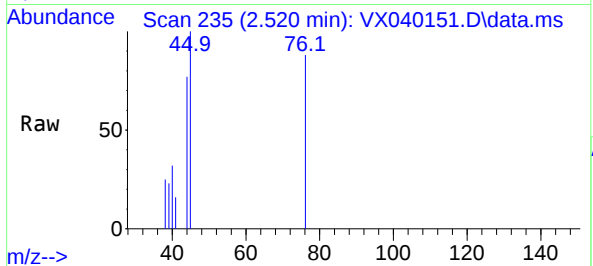




#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

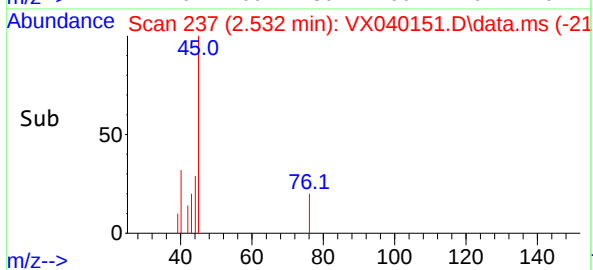
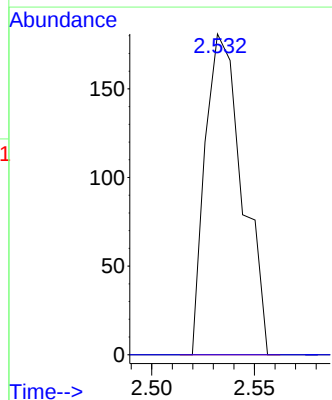
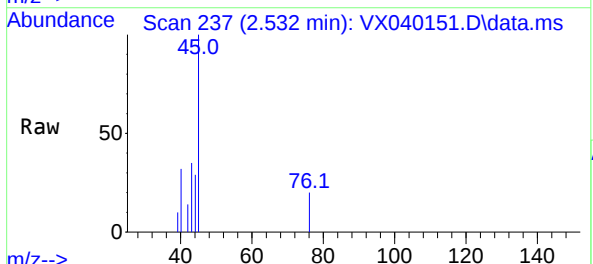
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

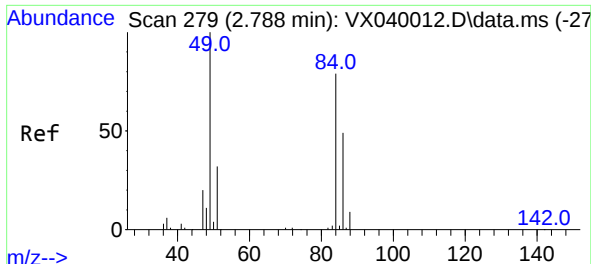
Tgt Ion: 76 Resp: 525
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.171 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

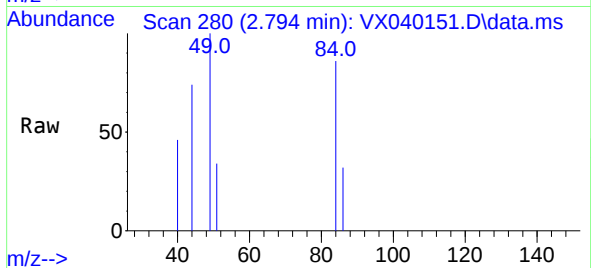
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





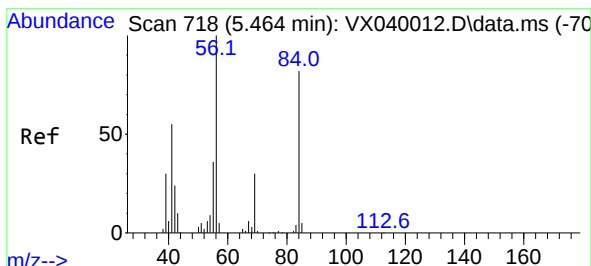
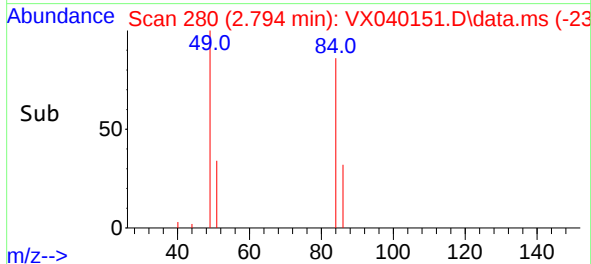
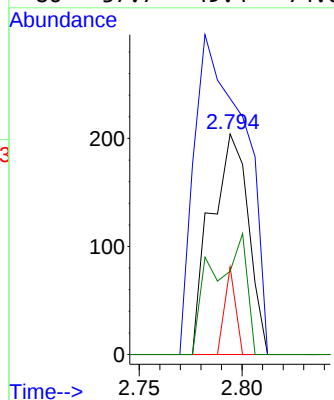
#20
Methylene Chloride
Concen: 0.380 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE



Tgt Ion: 84 Resp: 259

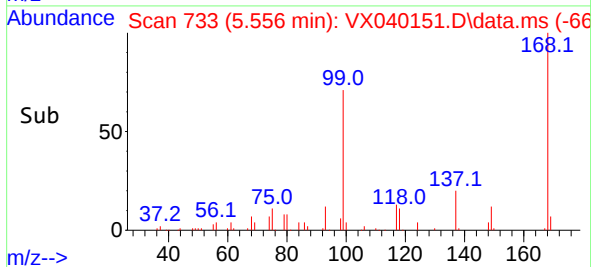
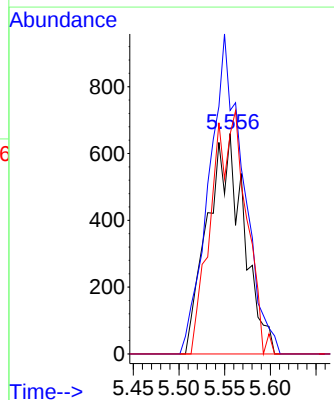
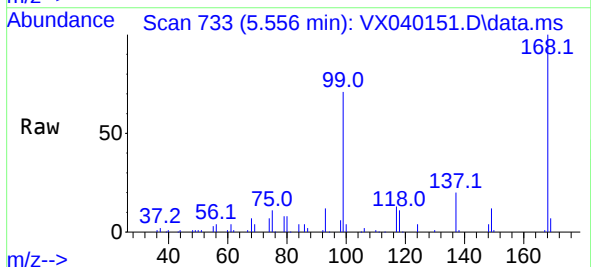
Ion	Ratio	Lower	Upper
84	100		
49	116.2	103.6	155.4
51	39.7	33.8	50.6
86	37.7	49.4	74.0#

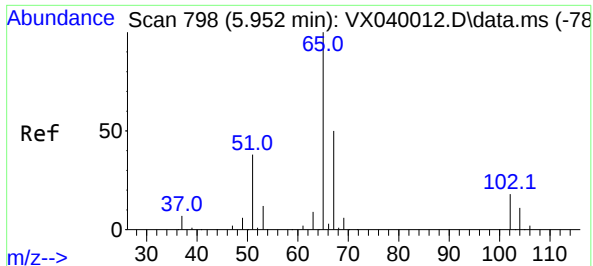


#31
Cyclohexane
Concen: 1.781 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 56 Resp: 1824

Ion	Ratio	Lower	Upper
56	100		
69	110.5	23.4	35.2#
84	99.7	65.9	98.9#

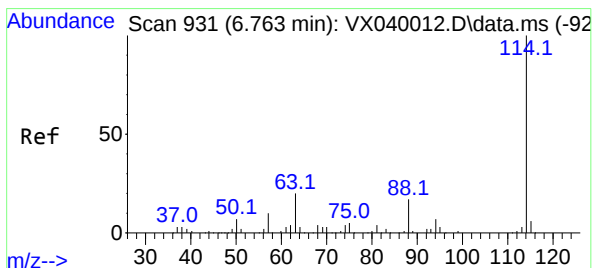
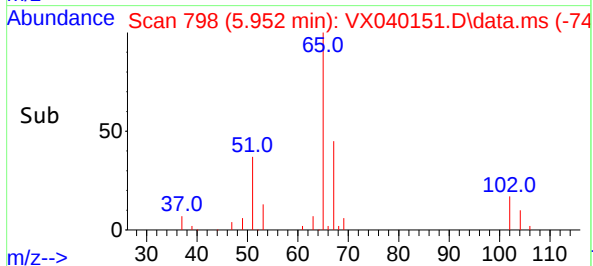
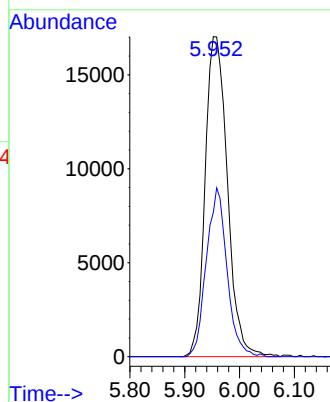
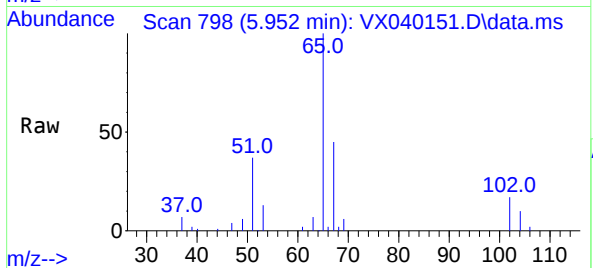




#33
1,2-Dichloroethane-d4
Concen: 58.578 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

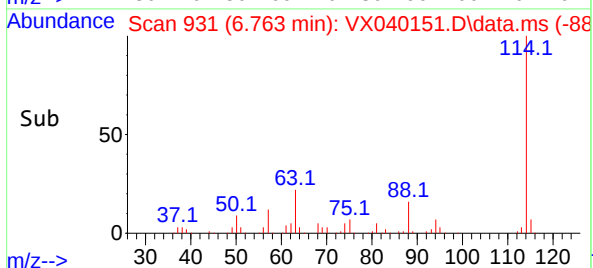
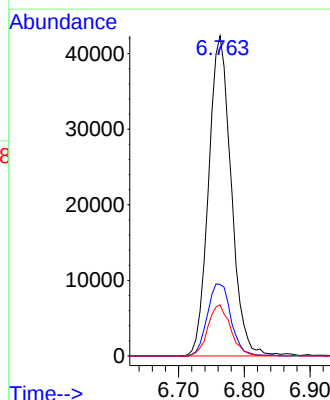
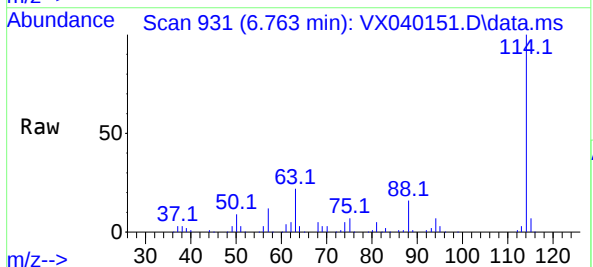
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

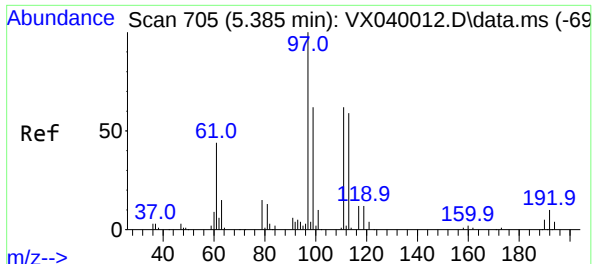
Tgt Ion: 65 Resp: 47889
Ion Ratio Lower Upper
65 100
67 49.0 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 114 Resp: 101057
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.0 0.0 36.6

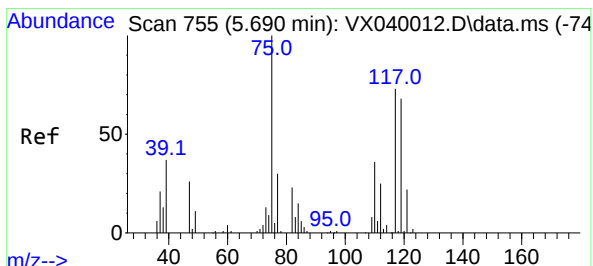
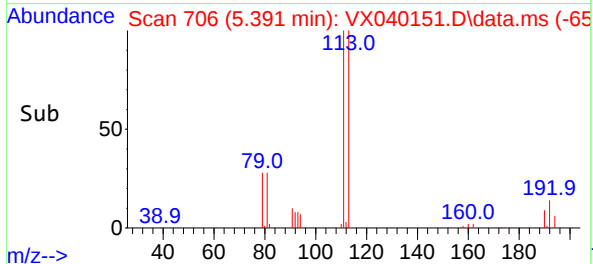
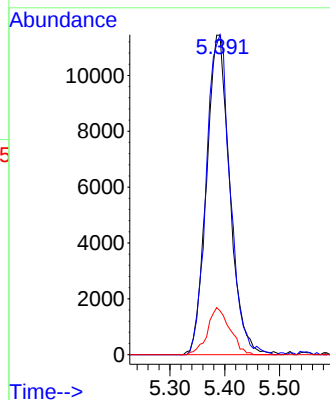
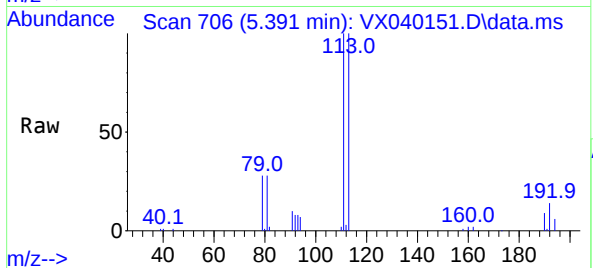




#35
Dibromofluoromethane
Concen: 49.105 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

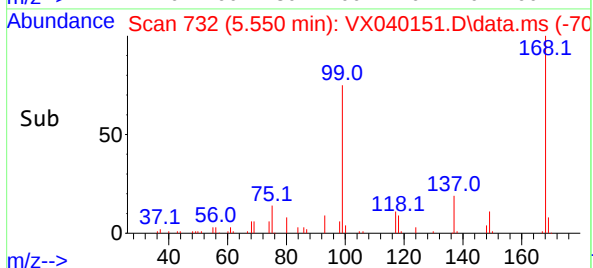
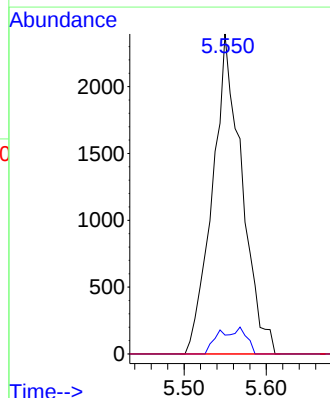
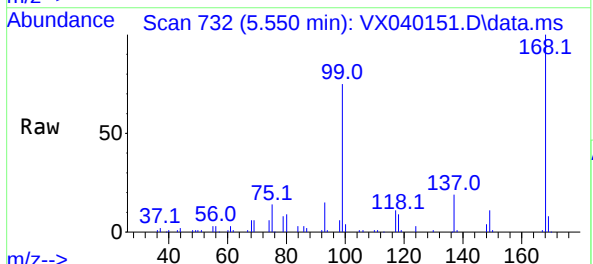
Instrument :
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ClientSampleId :
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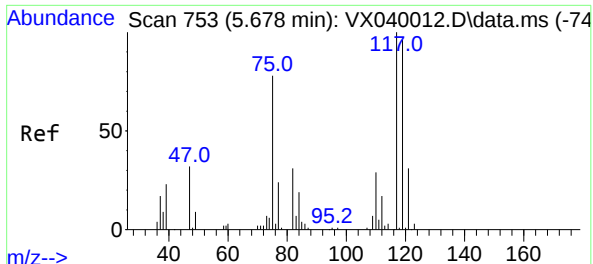
Tgt Ion:113 Resp: 33781
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 14.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.992 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

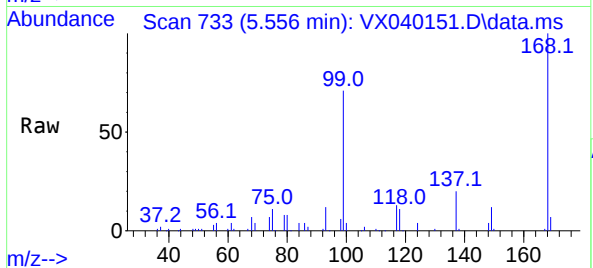
Tgt Ion: 75 Resp: 5962
Ion Ratio Lower Upper
75 100
110 3.1 17.0 50.9#
77 0.0 24.7 37.1#



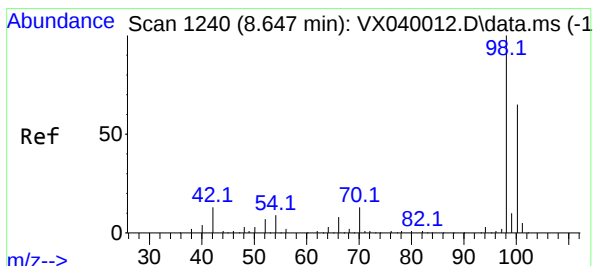
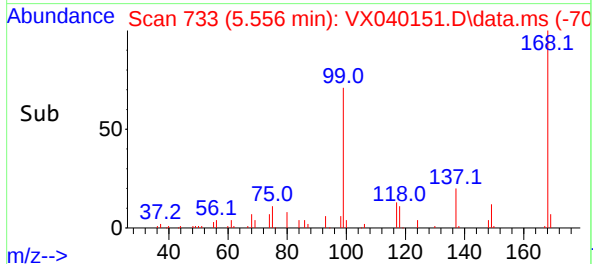
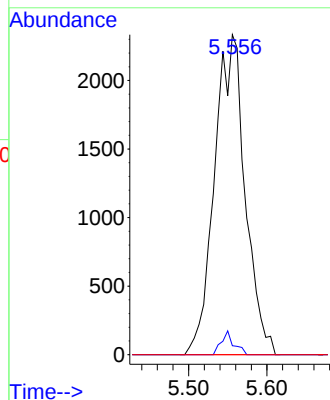


#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

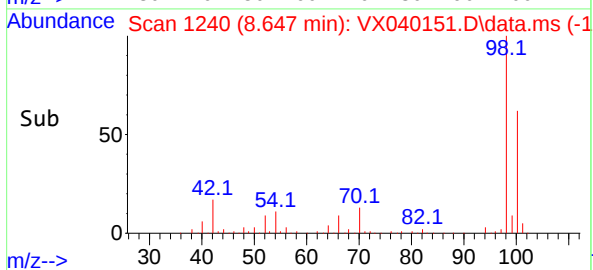
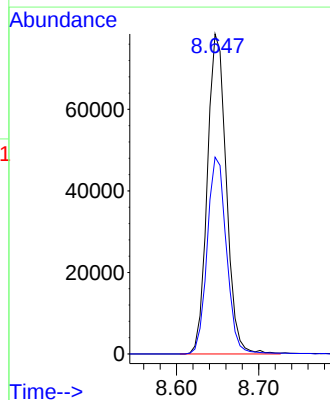
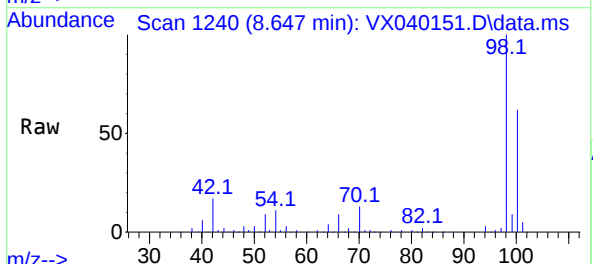


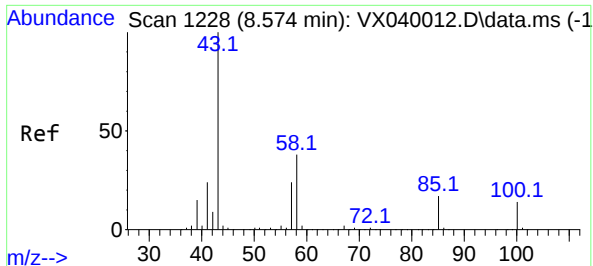
Tgt Ion:117 Resp: 6343
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.843 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 98 Resp: 125657
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7

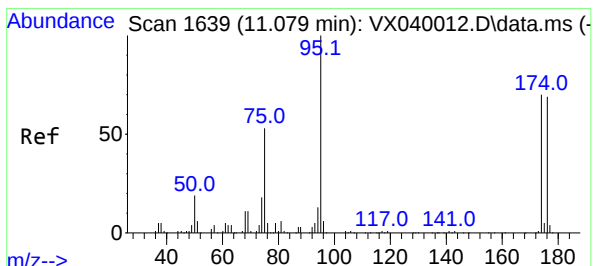
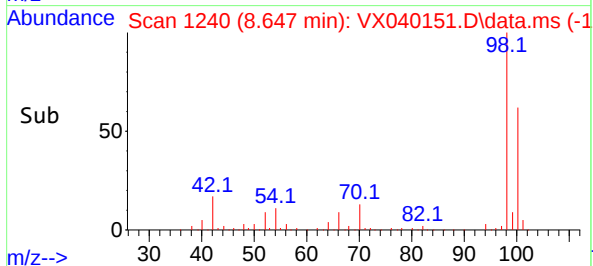
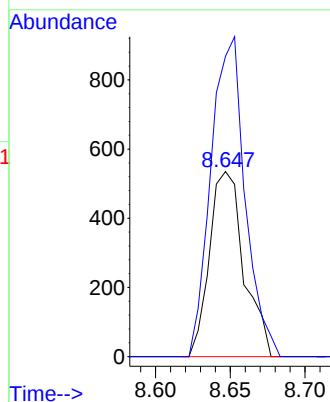
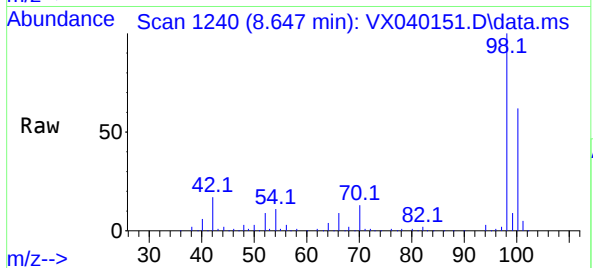




#51
4-Methyl-2-Pentanone
Concen: 0.732 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

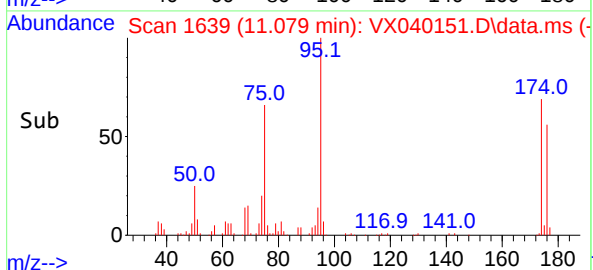
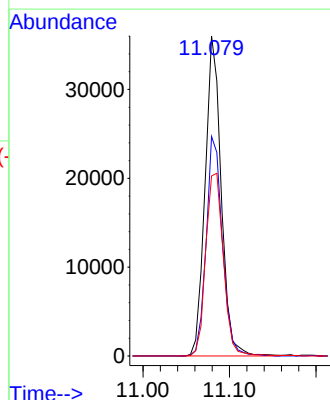
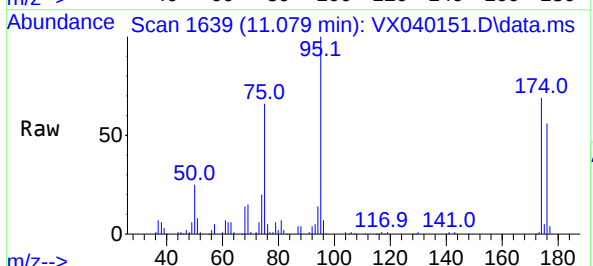
Instrument :
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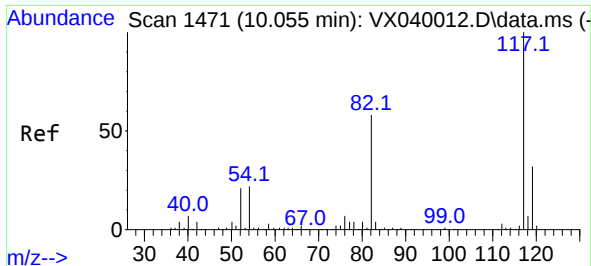
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 171.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 95 Resp: 46527
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 62.4 0.0 131.0

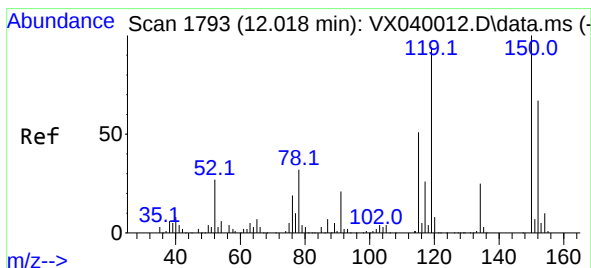
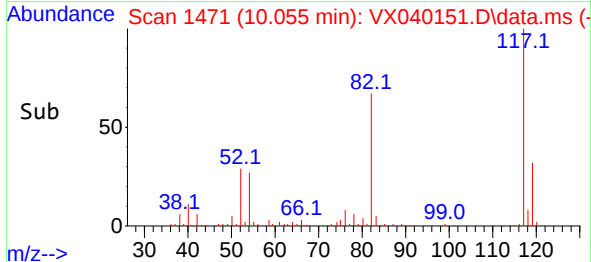
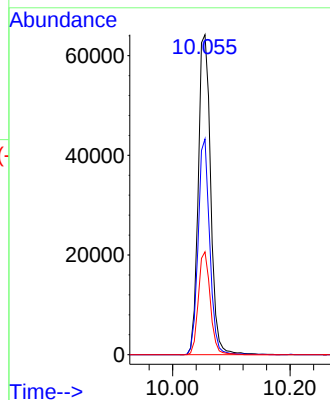
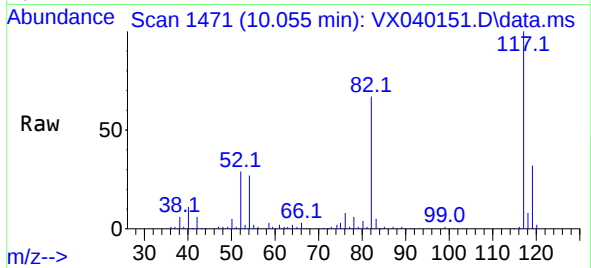




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

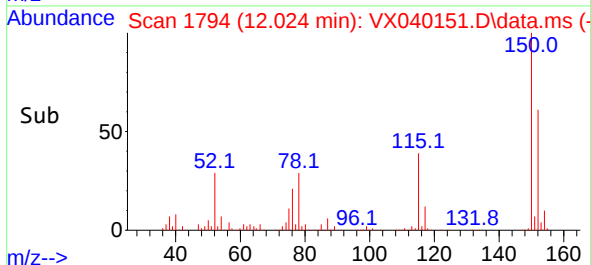
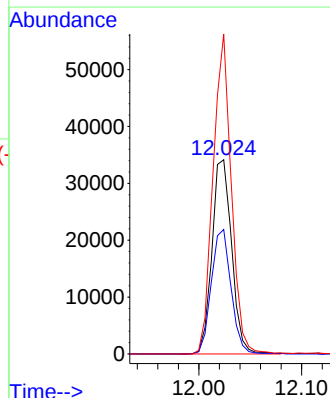
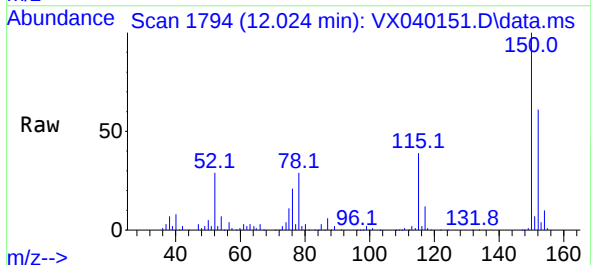
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

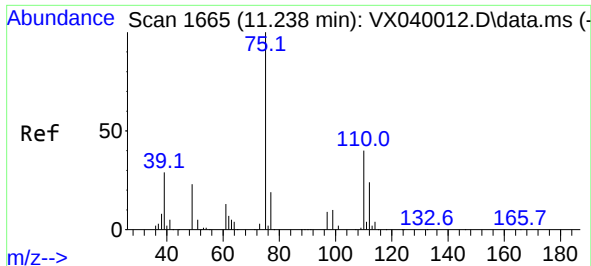
Tgt Ion:117 Resp: 94024
Ion Ratio Lower Upper
117 100
82 67.4 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion:152 Resp: 45450
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 152.6 0.0 345.0

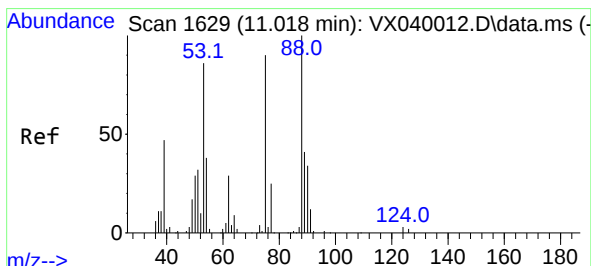
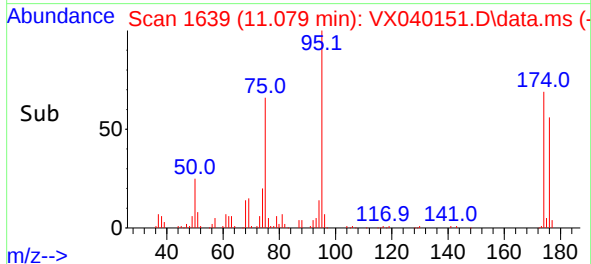
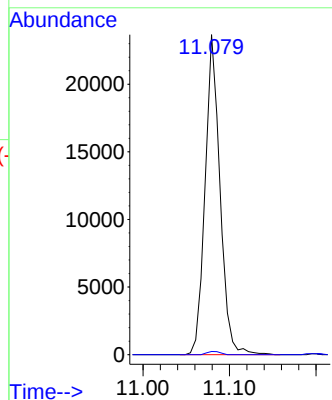
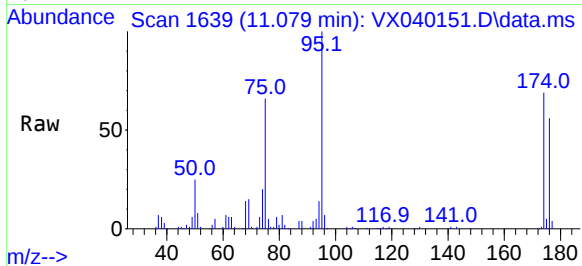




#76
1,2,3-Trichloropropane
Concen: 29.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240201RE

Tgt Ion: 75 Resp: 28255
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.097 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040151.D
Acq: 07 Feb 2024 14:55

Tgt Ion: 75 Resp: 28255
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

