

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035516.D
 Acq On : 03 May 2023 17:44
 Operator : JC/MD
 Sample : 02597-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20230503

Quant Time: May 04 04:01:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

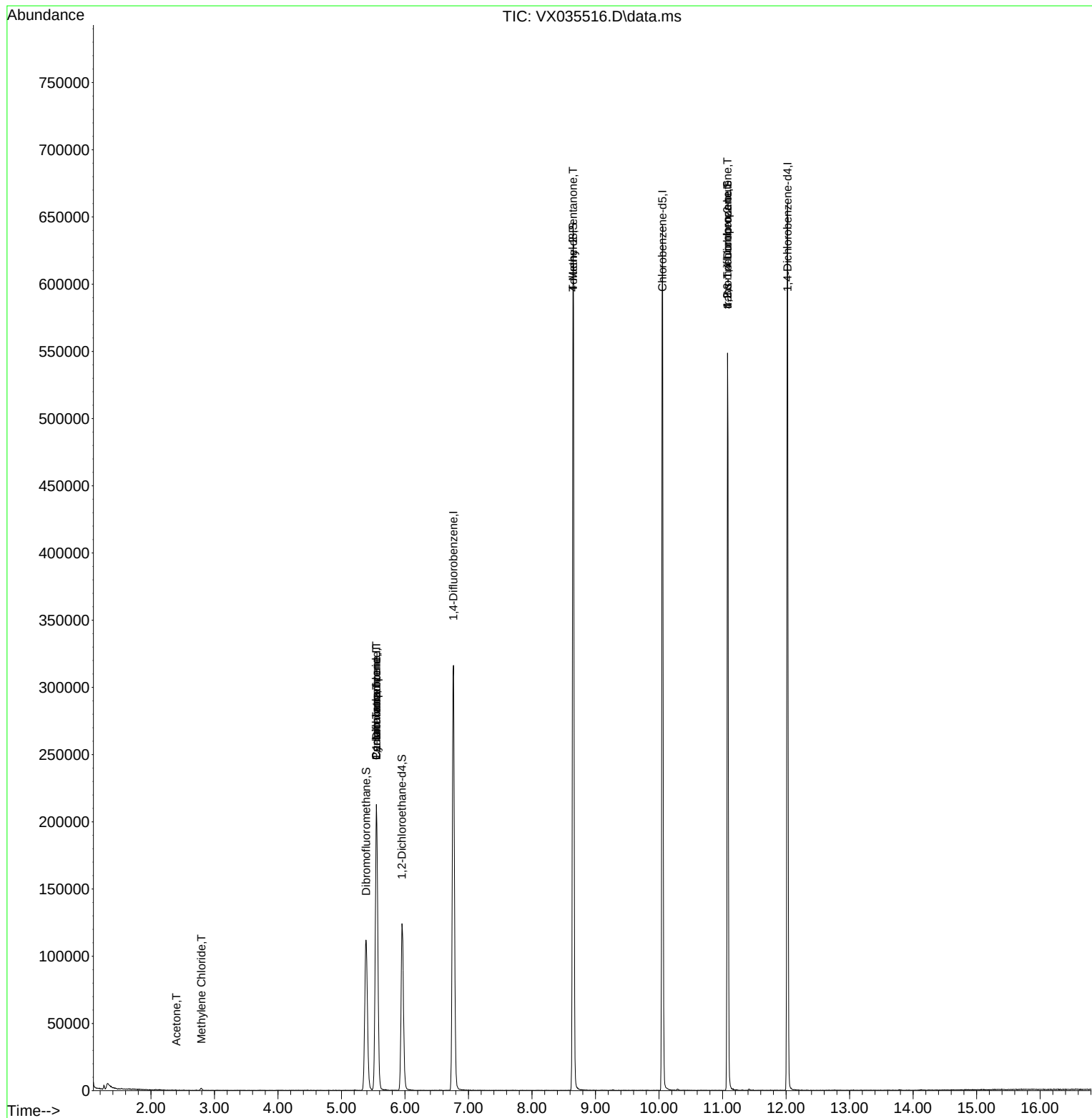
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

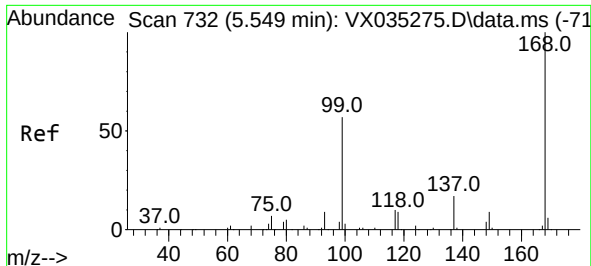
Internal Standards						
1) Pentafluorobenzene	5.550	168	202553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	331600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122962	50.318	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.640%	
35) Dibromofluoromethane	5.385	113	101294	49.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	8.647	98	384996	50.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.280%	
62) 4-Bromofluorobenzene	11.079	95	148253	51.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.660%	
Target Compounds						Qvalue
16) Acetone	2.398	43	251	0.236	ug/l #	44
20) Methylene Chloride	2.794	84	773	0.318	ug/l #	88
31) Cyclohexane	5.550	56	3693	1.065	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14535	4.574	ug/l #	50
38) Carbon Tetrachloride	5.550	117	20262	6.716	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1536	0.513	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	73713	25.155	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	73713	81.473	ug/l #	8

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

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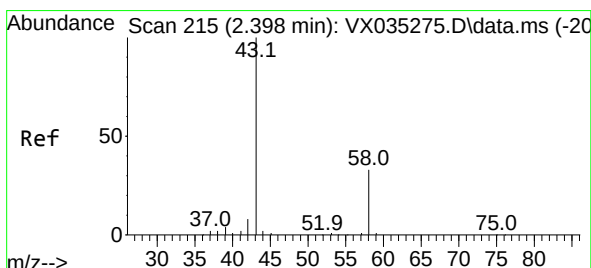
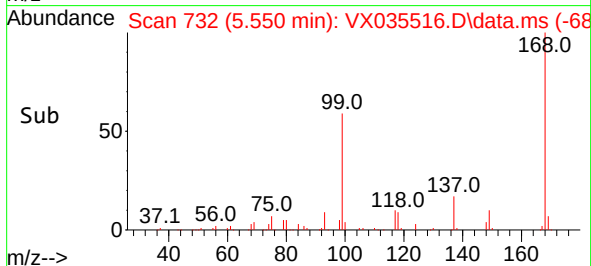
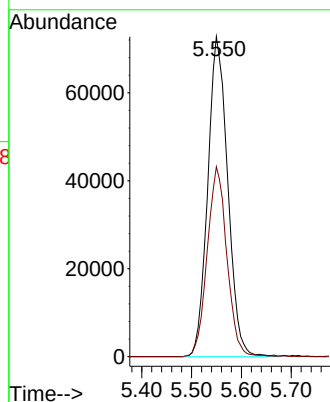
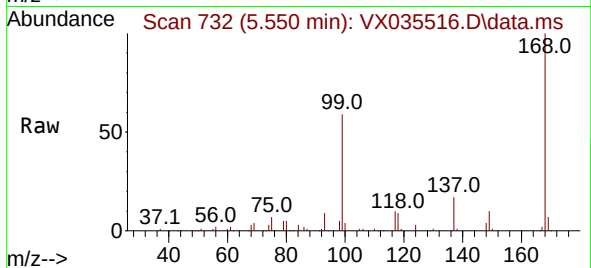




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035516.D
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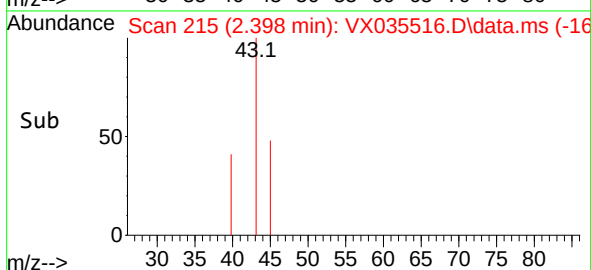
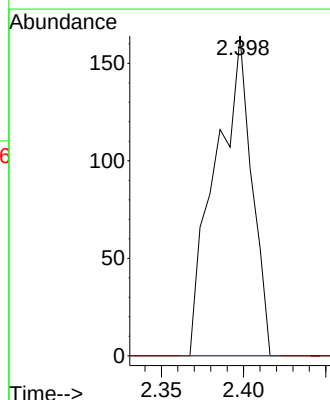
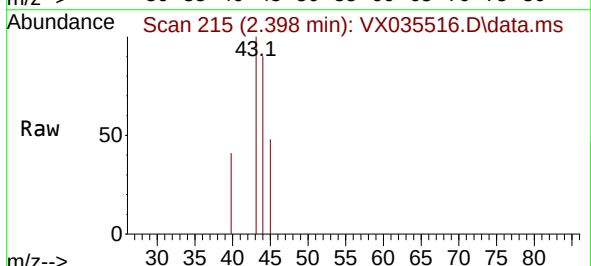
Instrument :
MSVOA_X
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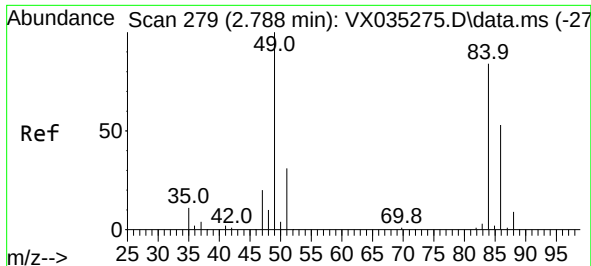
Tgt Ion:168 Resp: 202553
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#16
Acetone
Concen: 0.236 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#

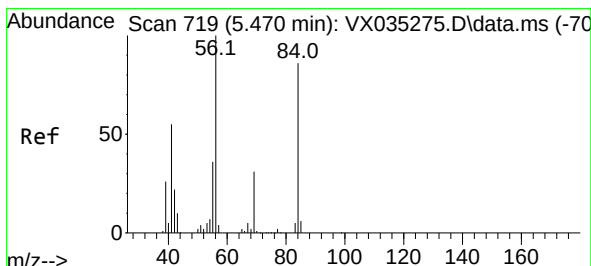
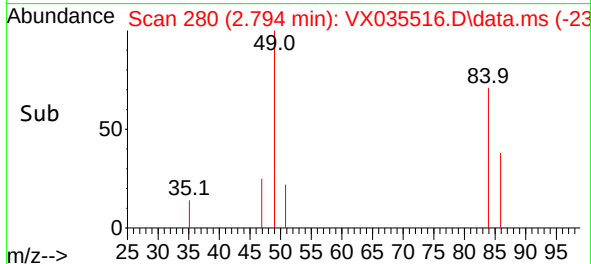
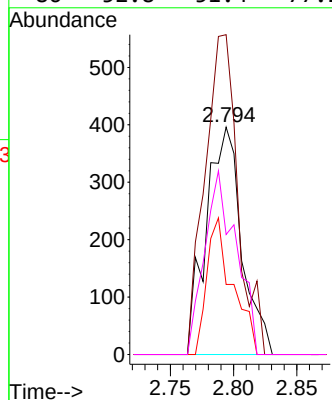
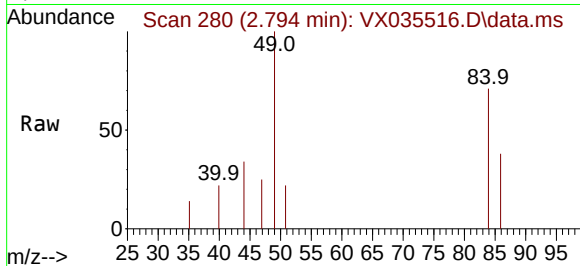




#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

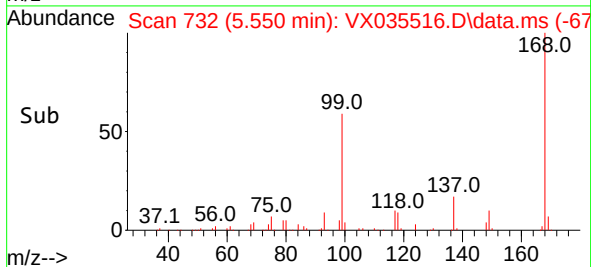
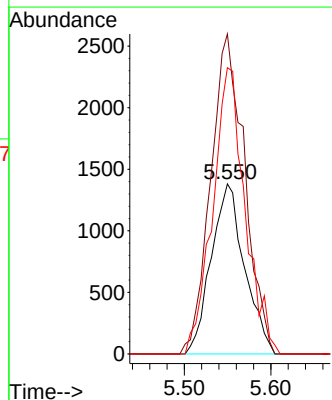
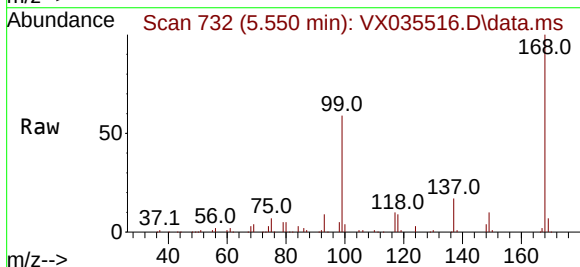
Instrument :
MSVOA_X
ClientSampleId :
EB-20230503

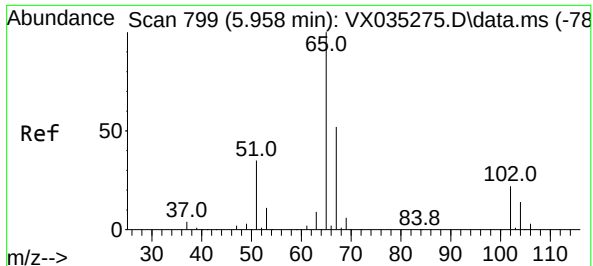
Tgt Ion: 84	Resp: 773
Ion Ratio	Lower Upper
84 100	
49 140.7	103.8 155.8
51 30.8	31.8 47.8#
86 52.8	51.4 77.2



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 56	Resp: 3693
Ion Ratio	Lower Upper
56 100	
69 188.2	23.7 35.5#
84 168.4	68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.318 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035516.D

Acq: 03 May 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

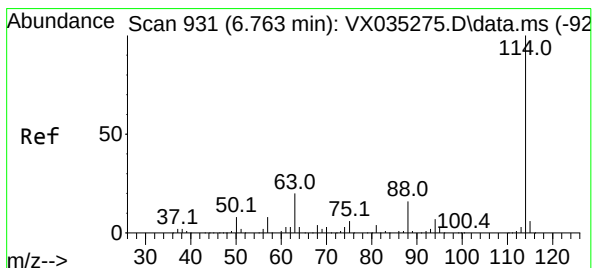
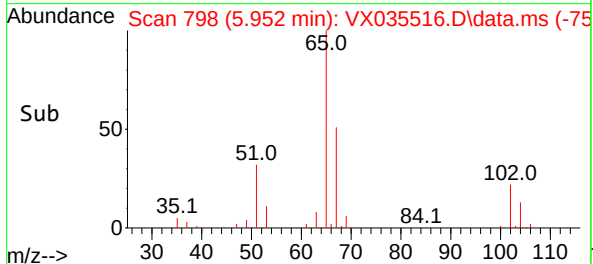
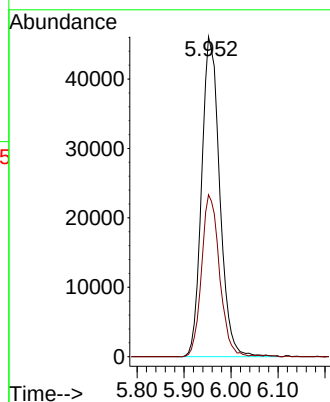
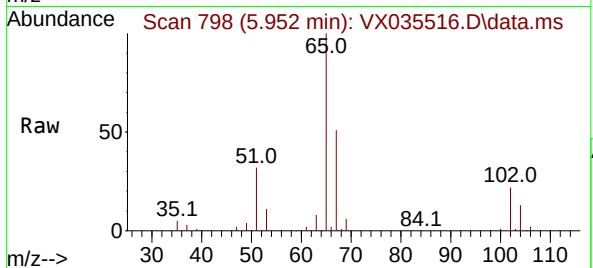
EB-20230503

Tgt Ion: 65 Resp: 122962

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035516.D

Acq: 03 May 2023 17:44

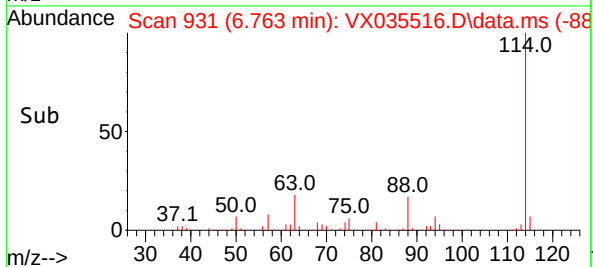
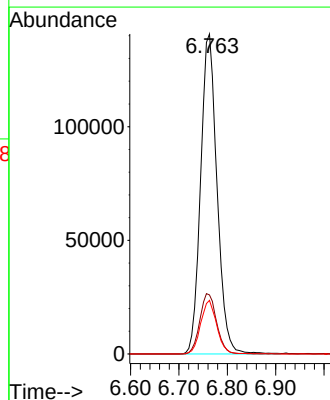
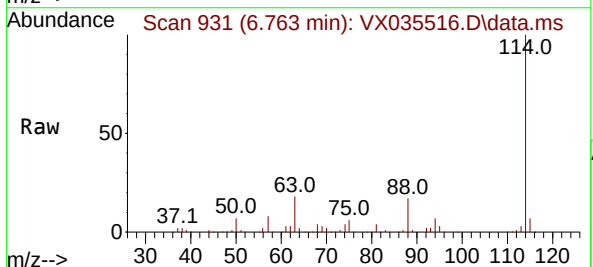
Tgt Ion: 114 Resp: 331600

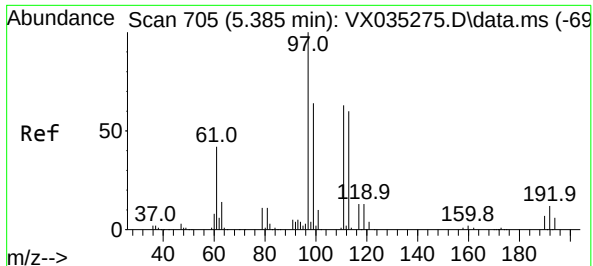
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.2

88 16.7 0.0 33.2

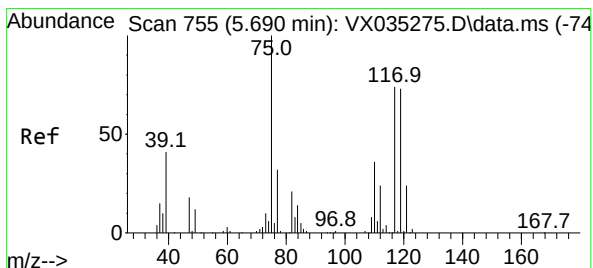
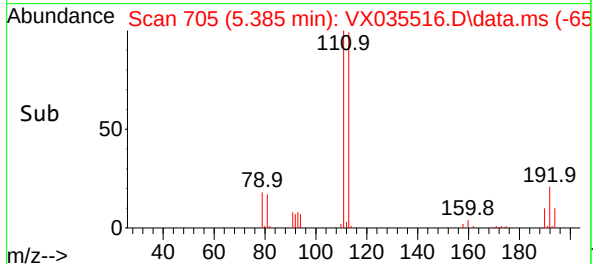
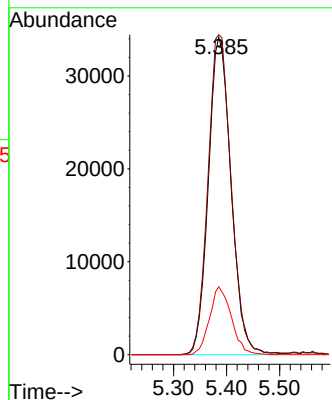
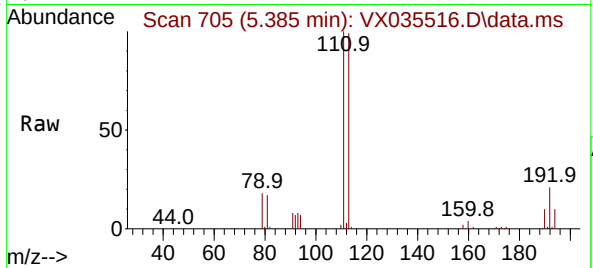




#35
Dibromofluoromethane
Concen: 49.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

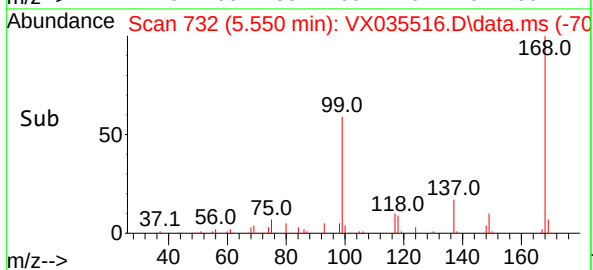
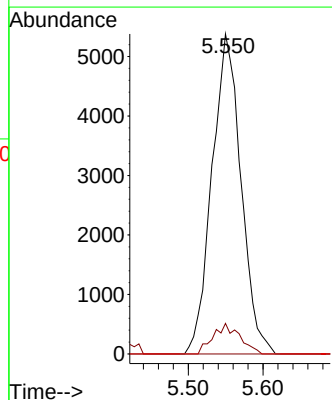
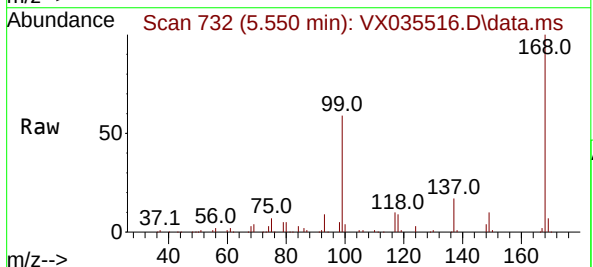
Instrument :
MSVOA_X
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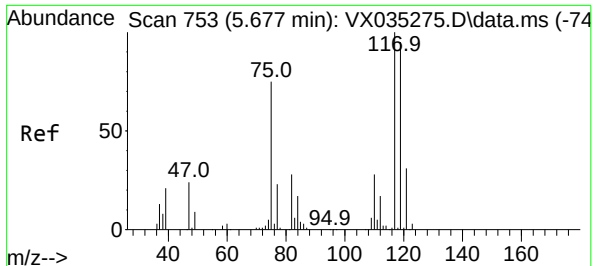
Tgt Ion:113 Resp: 101294
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 20.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

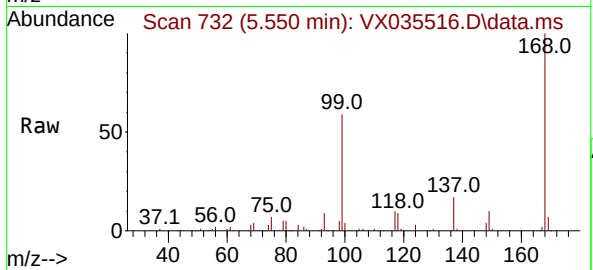
Tgt Ion: 75 Resp: 14535
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



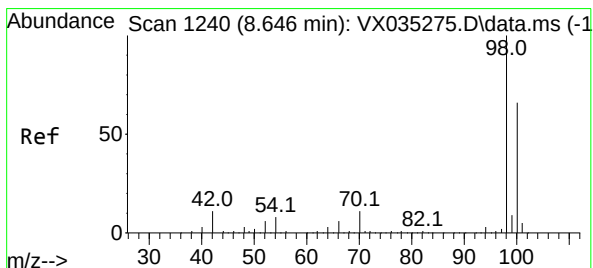
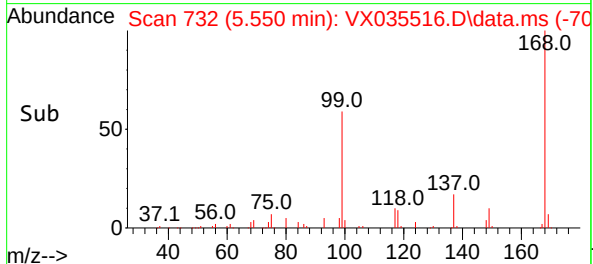
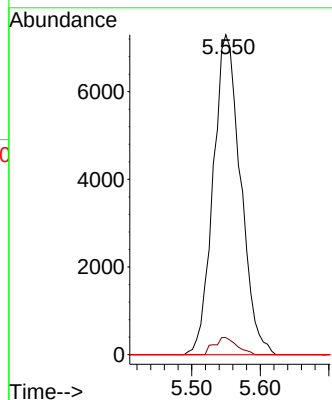


#38
Carbon Tetrachloride
Concen: 6.716 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
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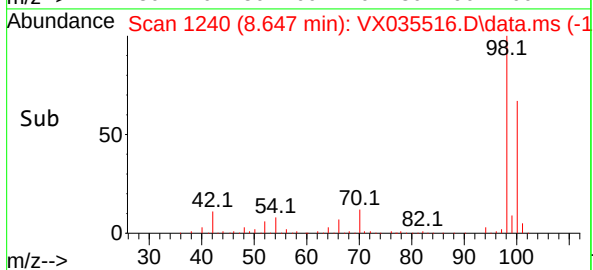
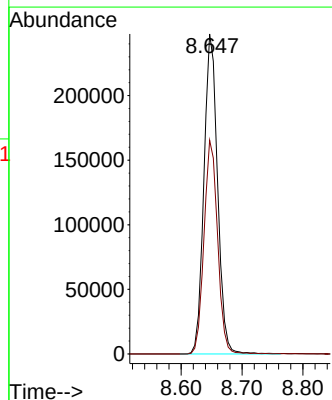
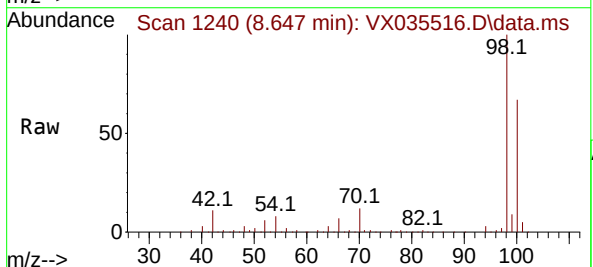


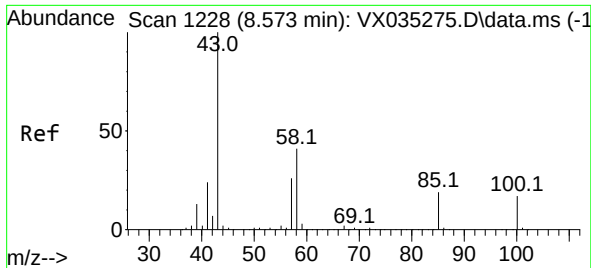
Tgt Ion:117 Resp: 20262
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 98 Resp: 384996
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

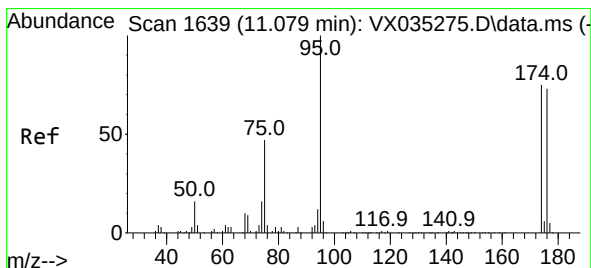
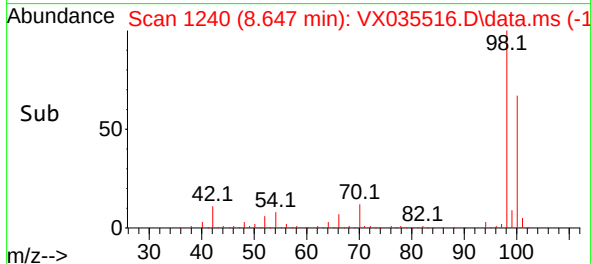
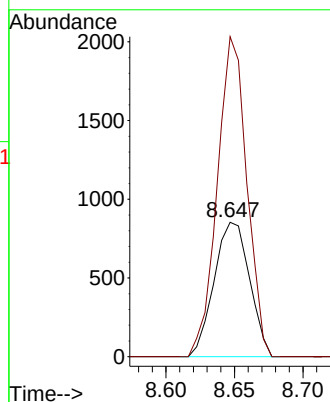
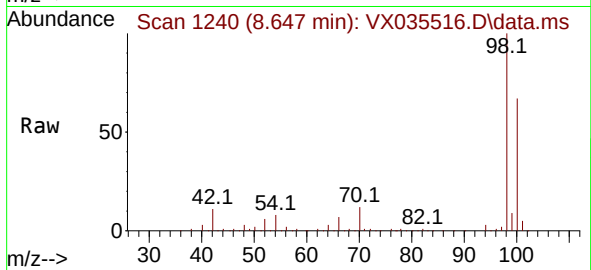




#51
4-Methyl-2-Pentanone
Concen: 0.513 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

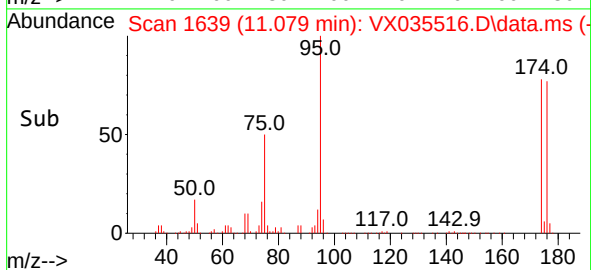
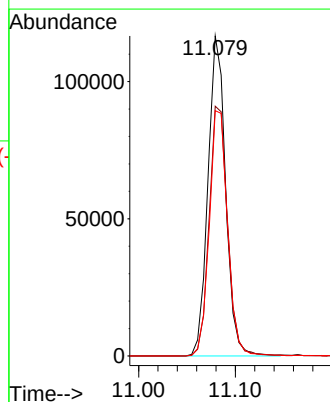
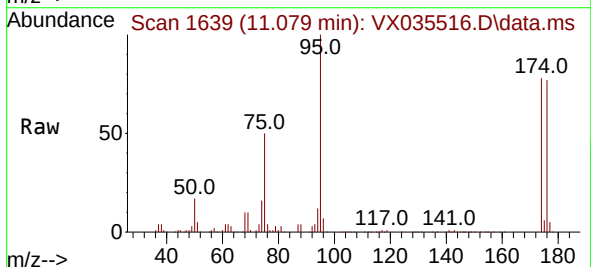
Instrument :
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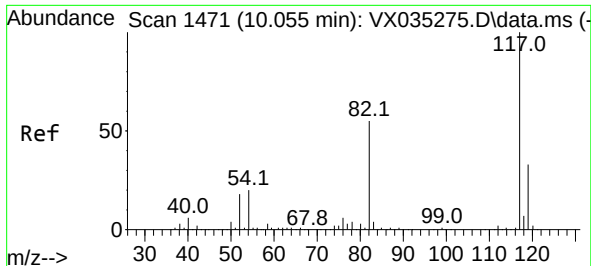
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 199.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 51.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 95 Resp: 148253
Ion Ratio Lower Upper
95 100
174 81.6 0.0 147.4
176 79.6 0.0 140.6

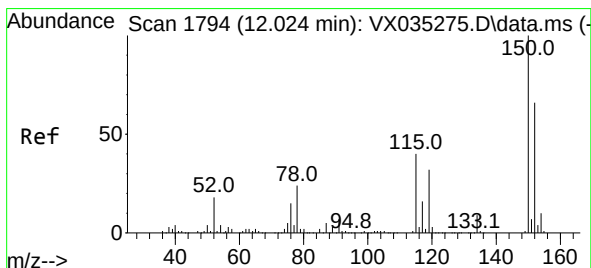
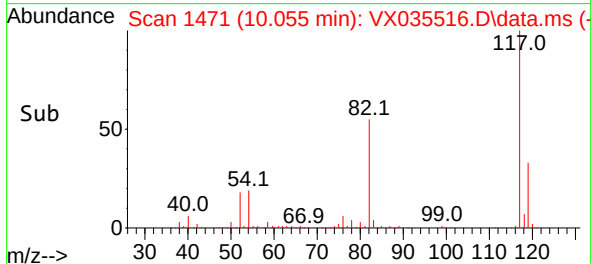
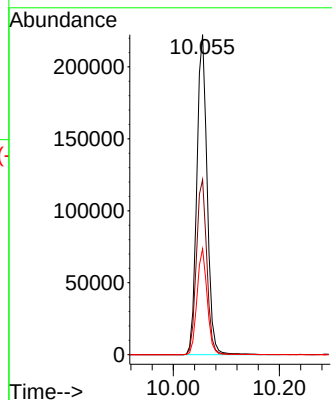
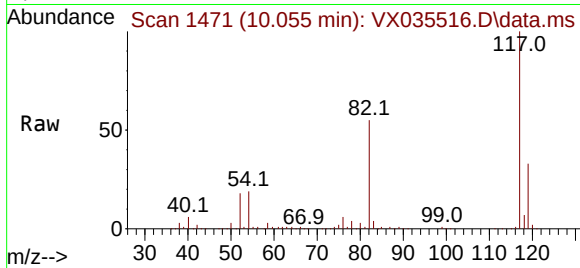




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

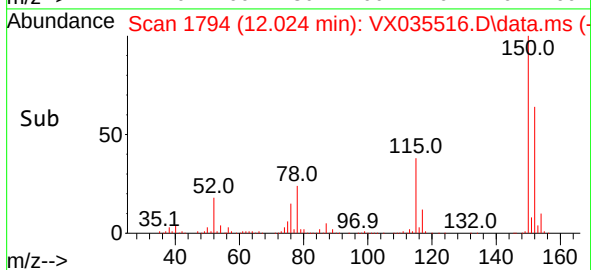
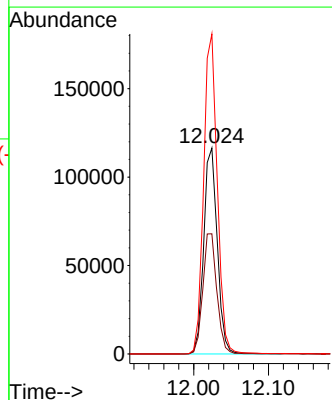
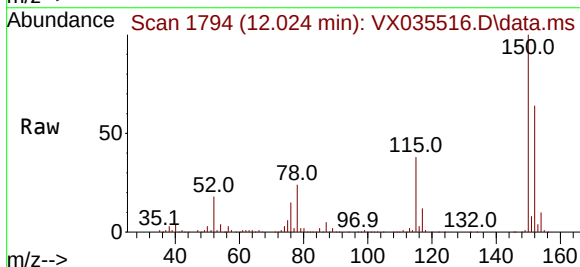
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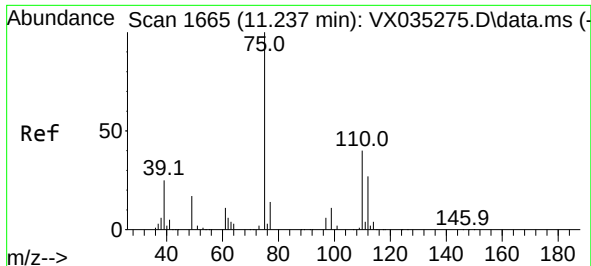
Tgt Ion:117 Resp: 300464
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion:152 Resp: 146901
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 156.0 0.0 352.4

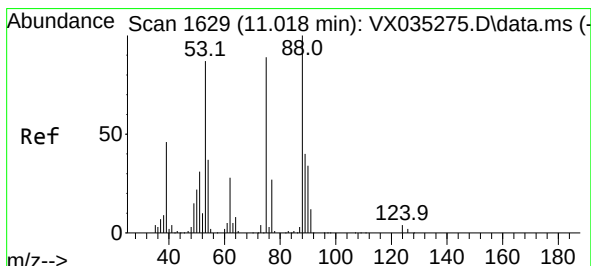
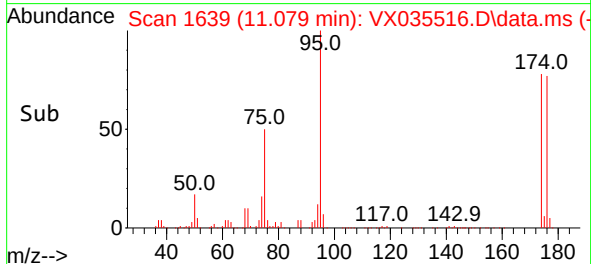
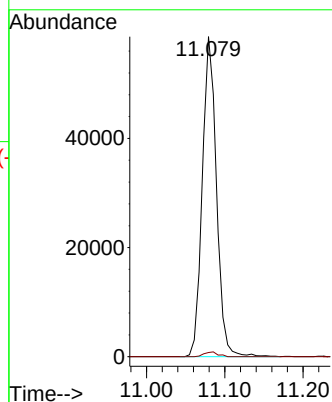
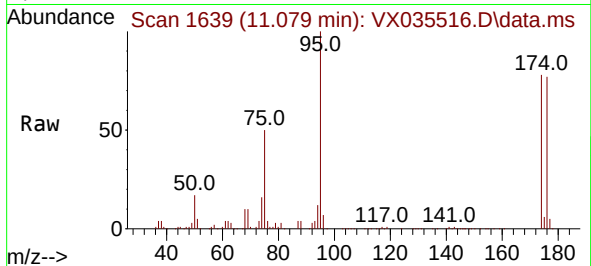




#76
1,2,3-Trichloropropane
Concen: 25.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
EB-20230503

Tgt Ion: 75 Resp: 73713
Ion Ratio Lower Upper
75 100
77 1.5 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035516.D
Acq: 03 May 2023 17:44

Tgt Ion: 75 Resp: 73713
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

