

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035533.D
 Acq On : 05 May 2023 14:05
 Operator : JC/MD
 Sample : 02615-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 003-1

Quant Time: May 08 00:50:49 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)

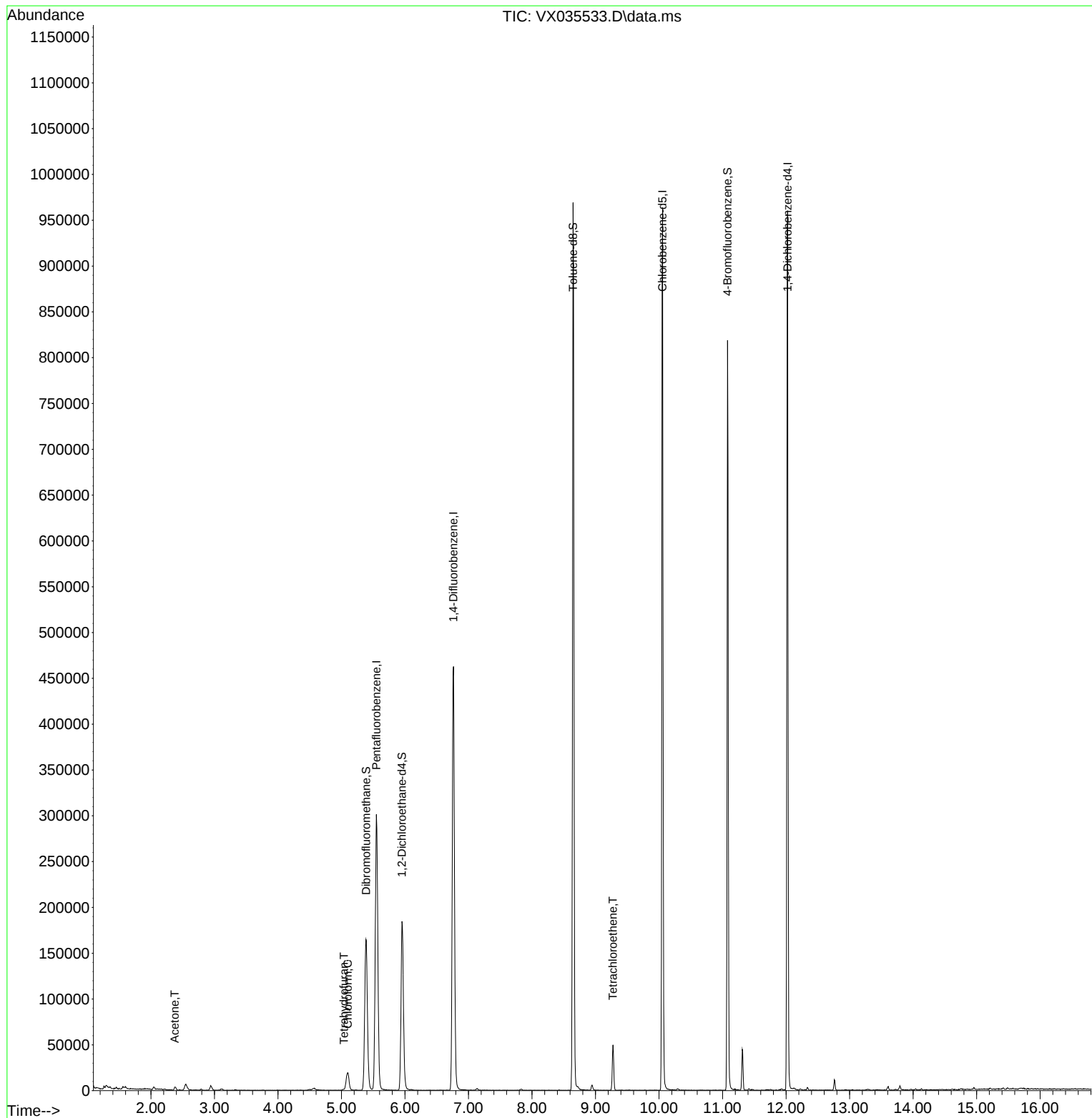
Internal Standards						
1) Pentafluorobenzene	5.550	168	289123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	486428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	445344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	176325	50.550	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.100%
35) Dibromofluoromethane	5.385	113	148551	49.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	8.647	98	572273	50.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	219635	51.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.680%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	4074	2.689	ug/l	90
29) Tetrahydrofuran	5.038	42	1053	0.743	ug/l #	84
30) Chloroform	5.099	83	24676	4.438	ug/l	86
64) Tetrachloroethene	9.275	164	1413	0.414	ug/l #	80

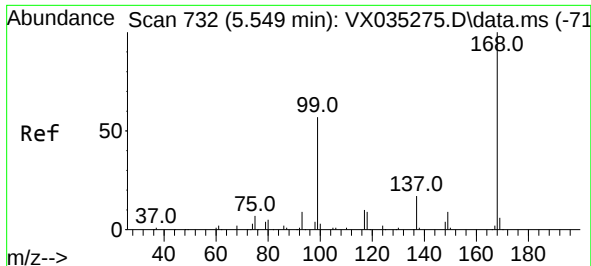
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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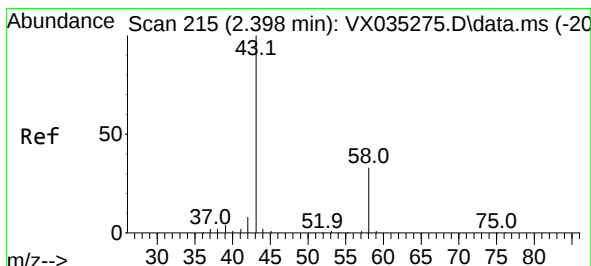
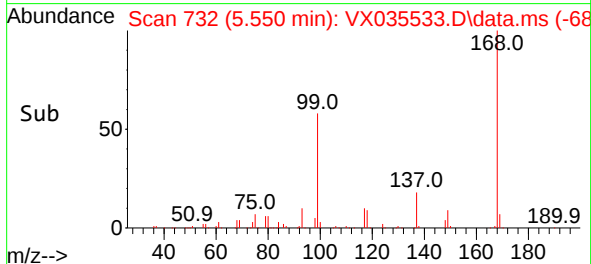
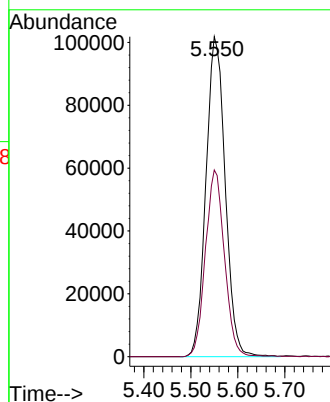
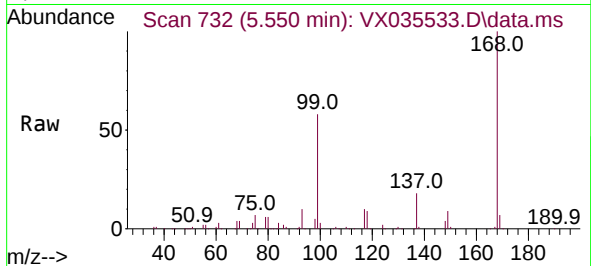




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

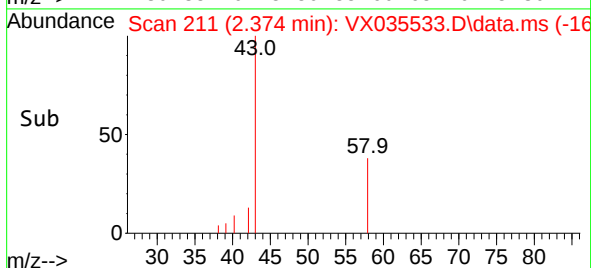
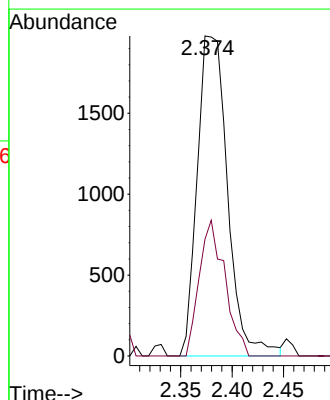
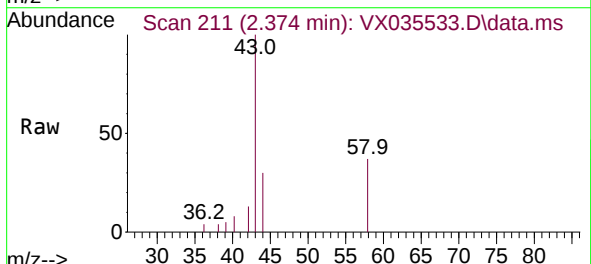
Instrument :
MSVOA_X
ClientSampleId :
003-1

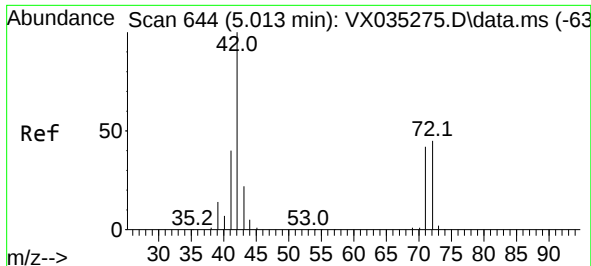
Tgt Ion:168 Resp: 289123
Ion Ratio Lower Upper
168 100
99 58.4 45.7 68.5



#16
Acetone
Concen: 2.689 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.024 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
58 36.5 24.7 37.1





#29

Tetrahydrofuran

Concen: 0.743 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX035533.D

Acq: 05 May 2023 14:05

Instrument :

MSVOA_X

ClientSampleId :

003-1

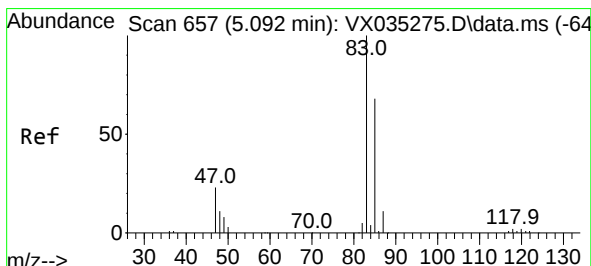
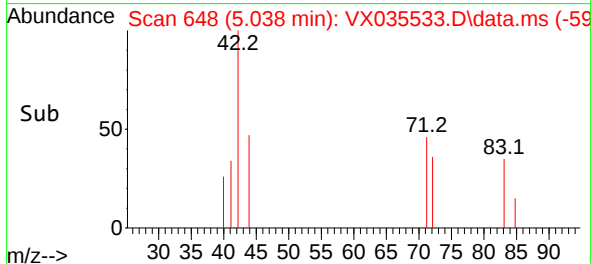
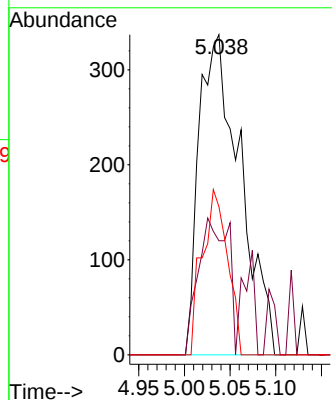
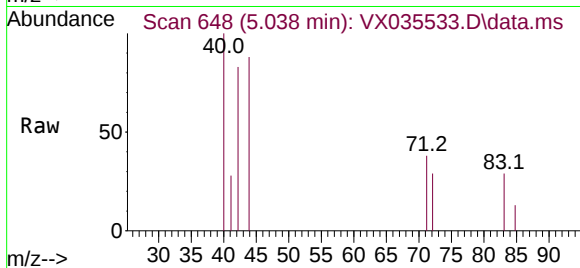
Tgt Ion: 42 Resp: 1053

Ion Ratio Lower Upper

42 100

72 31.0 34.5 51.7#

71 31.9 32.1 48.1#



#30

Chloroform

Concen: 4.438 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX035533.D

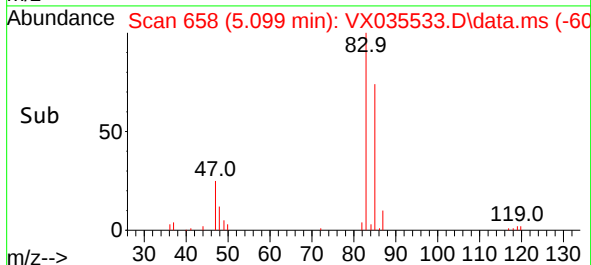
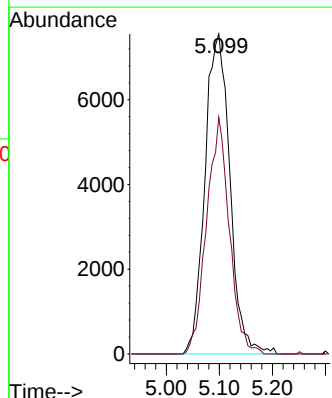
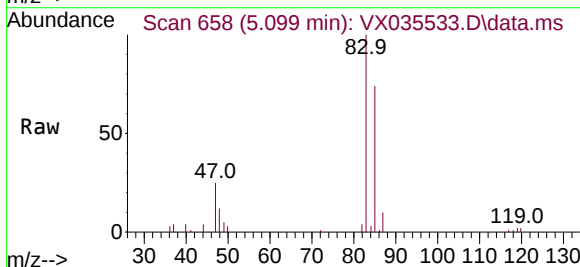
Acq: 05 May 2023 14:05

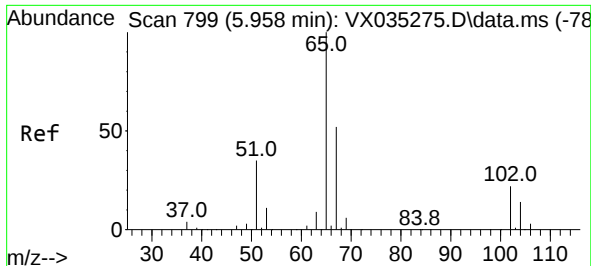
Tgt Ion: 83 Resp: 24676

Ion Ratio Lower Upper

83 100

85 74.0 50.6 76.0

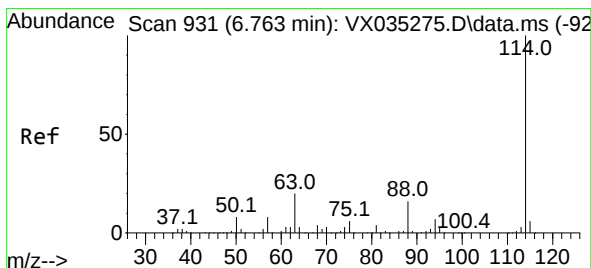
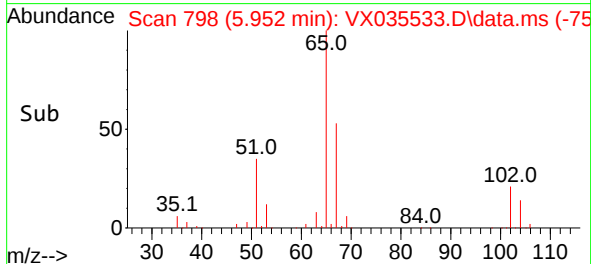
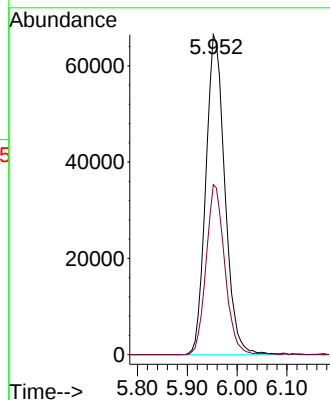
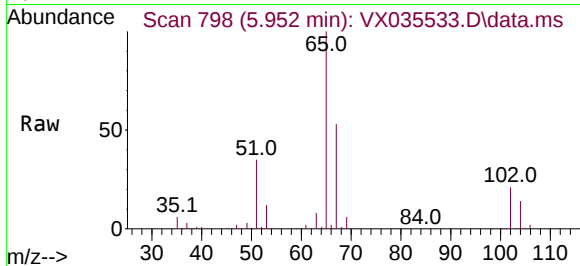




#33
 1,2-Dichloroethane-d4
 Concen: 50.550 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX035533.D
 Acq: 05 May 2023 14:05

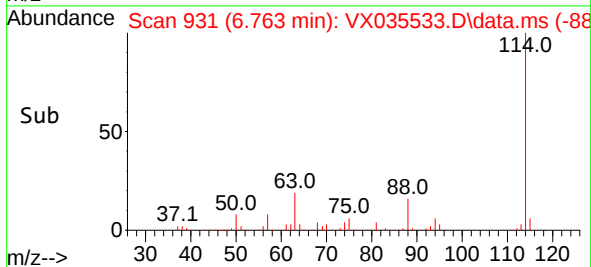
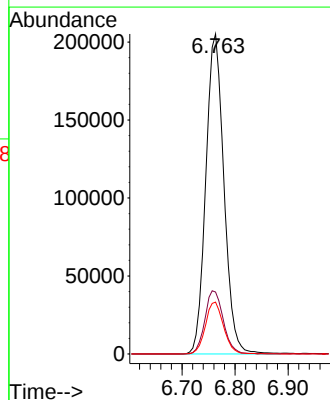
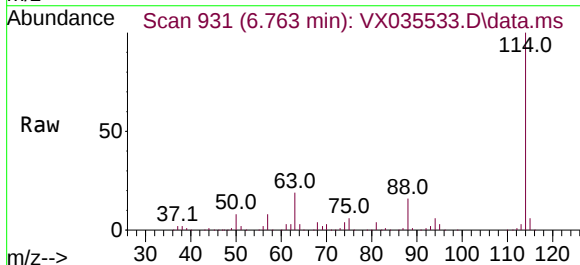
Instrument :
 MSVOA_X
 ClientSampleId :
 003-1

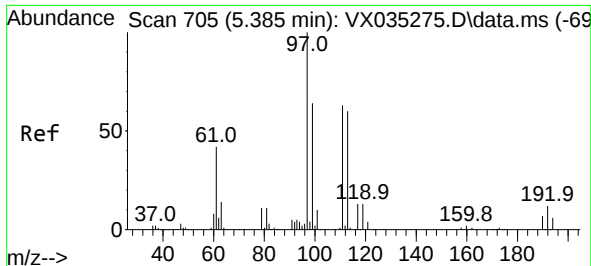
Tgt Ion: 65 Resp: 176325
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035533.D
 Acq: 05 May 2023 14:05

Tgt Ion:114 Resp: 486428
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.2
 88 16.2 0.0 33.2

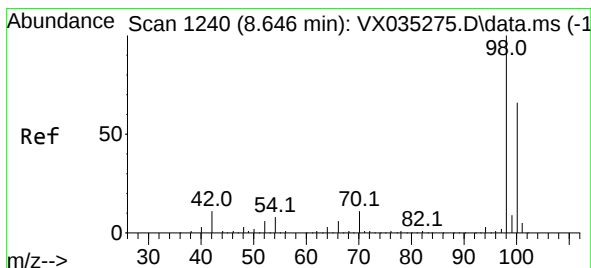
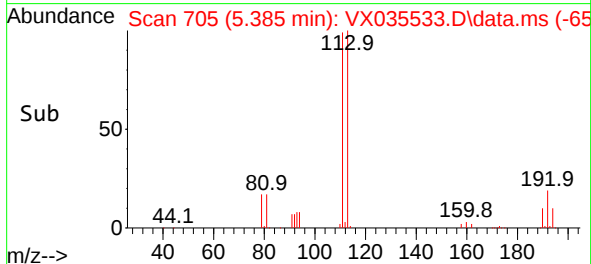
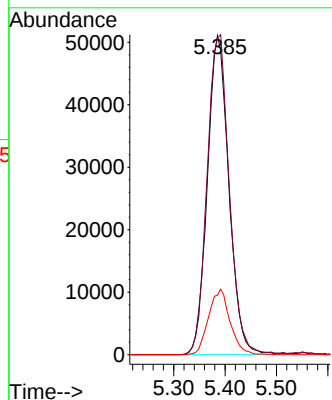
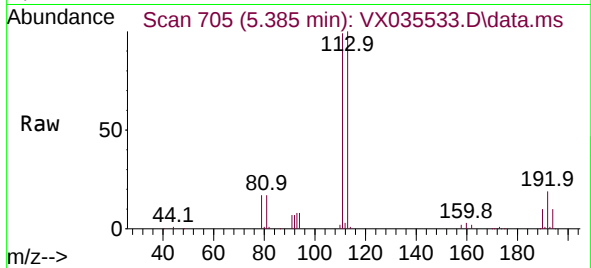




#35
Dibromofluoromethane
Concen: 49.757 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

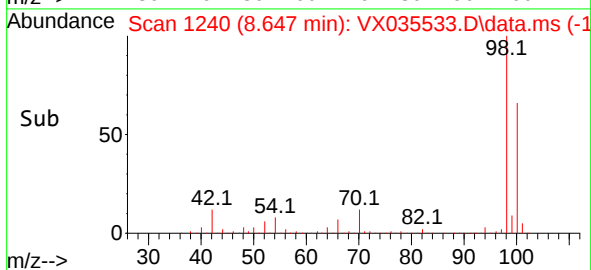
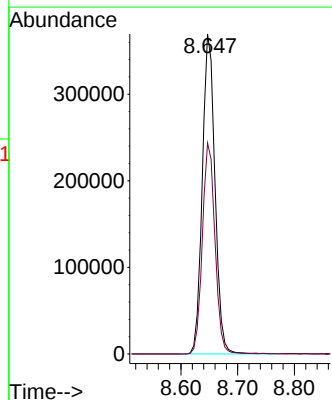
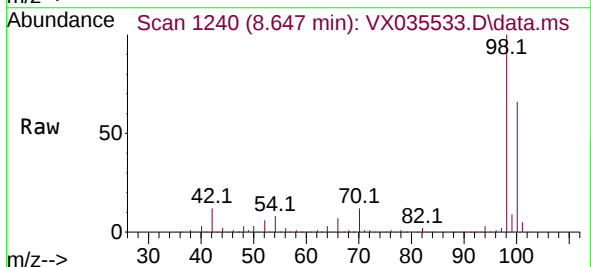
Instrument :
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ClientSampleId :
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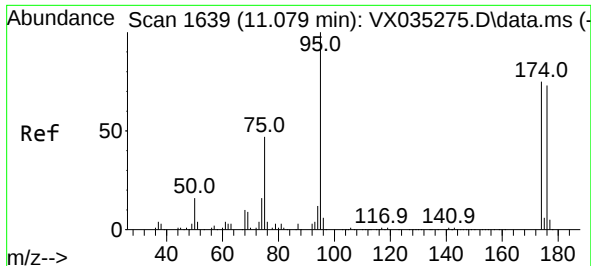
Tgt Ion:113 Resp: 148551
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 20.5 15.4 23.2



#50
Toluene-d8
Concen: 50.812 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

Tgt Ion: 98 Resp: 572273
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7

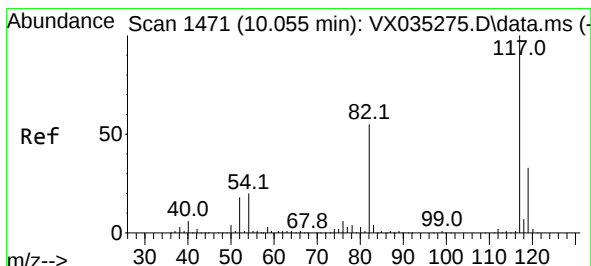
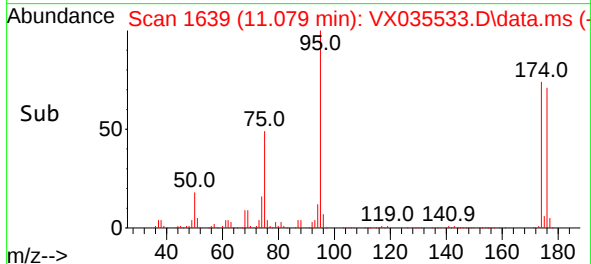
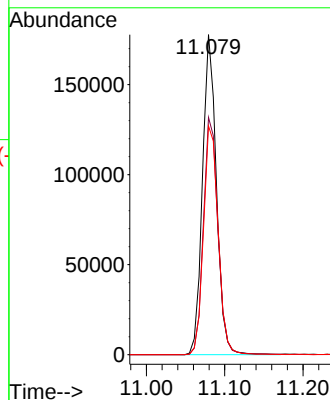
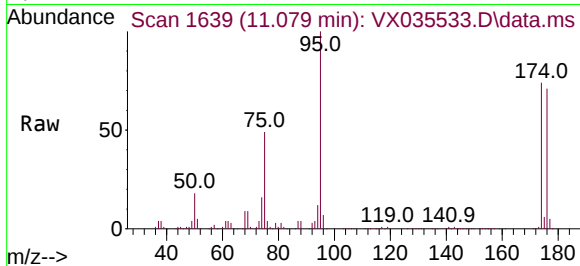




#62
4-Bromofluorobenzene
Concen: 51.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

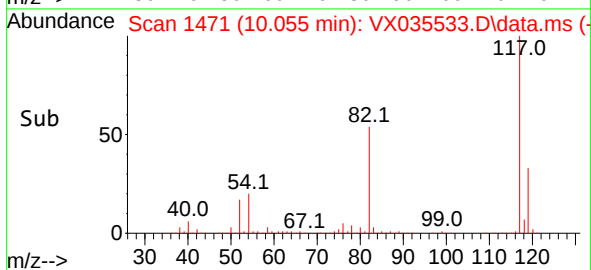
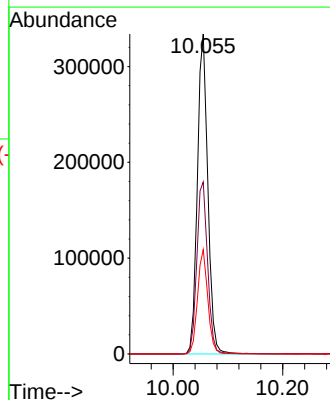
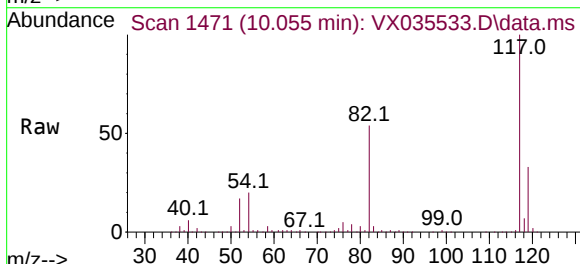
Instrument :
MSVOA_X
ClientSampleId :
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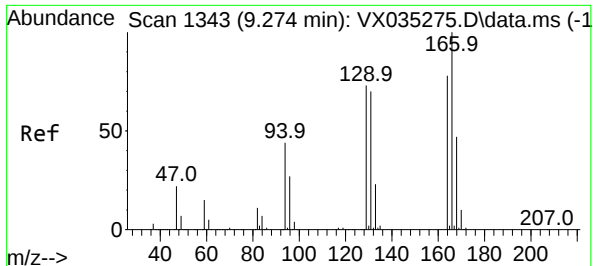
Tgt Ion: 95 Resp: 219635
Ion Ratio Lower Upper
95 100
174 77.0 0.0 147.4
176 75.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

Tgt Ion: 117 Resp: 445344
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.6 26.0 39.0

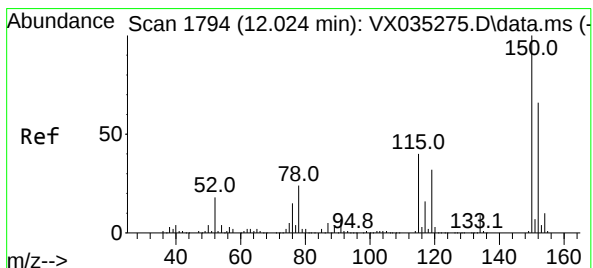
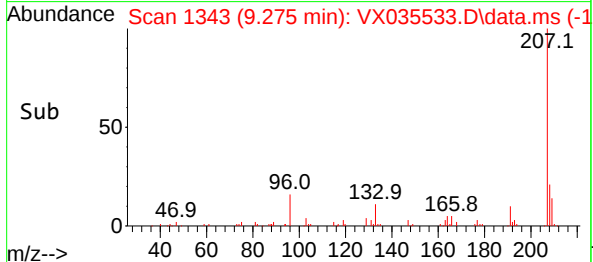
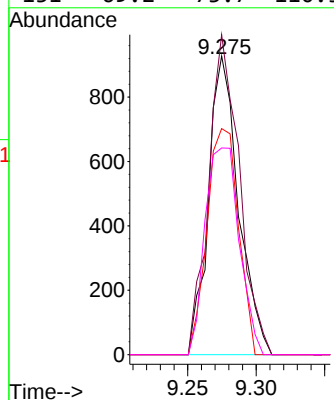
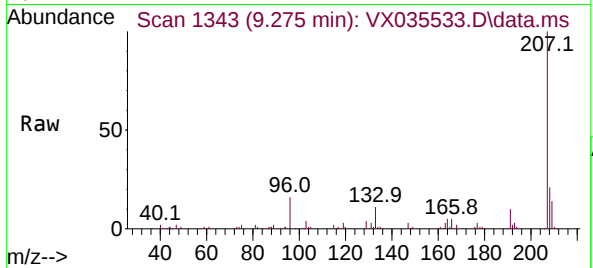




#64
Tetrachloroethene
Concen: 0.414 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 1413
Ion Ratio Lower Upper
164 100
166 107.1 102.7 154.1
129 75.6 75.6 113.4
131 69.2 73.7 110.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035533.D
Acq: 05 May 2023 14:05

Tgt Ion:152 Resp: 209134
Ion Ratio Lower Upper
152 100
115 61.4 45.0 135.0
150 156.9 0.0 352.4

