

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035532.D
 Acq On : 05 May 2023 13:42
 Operator : JC/MD
 Sample : 02615-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-1

Quant Time: May 08 00:50:41 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)

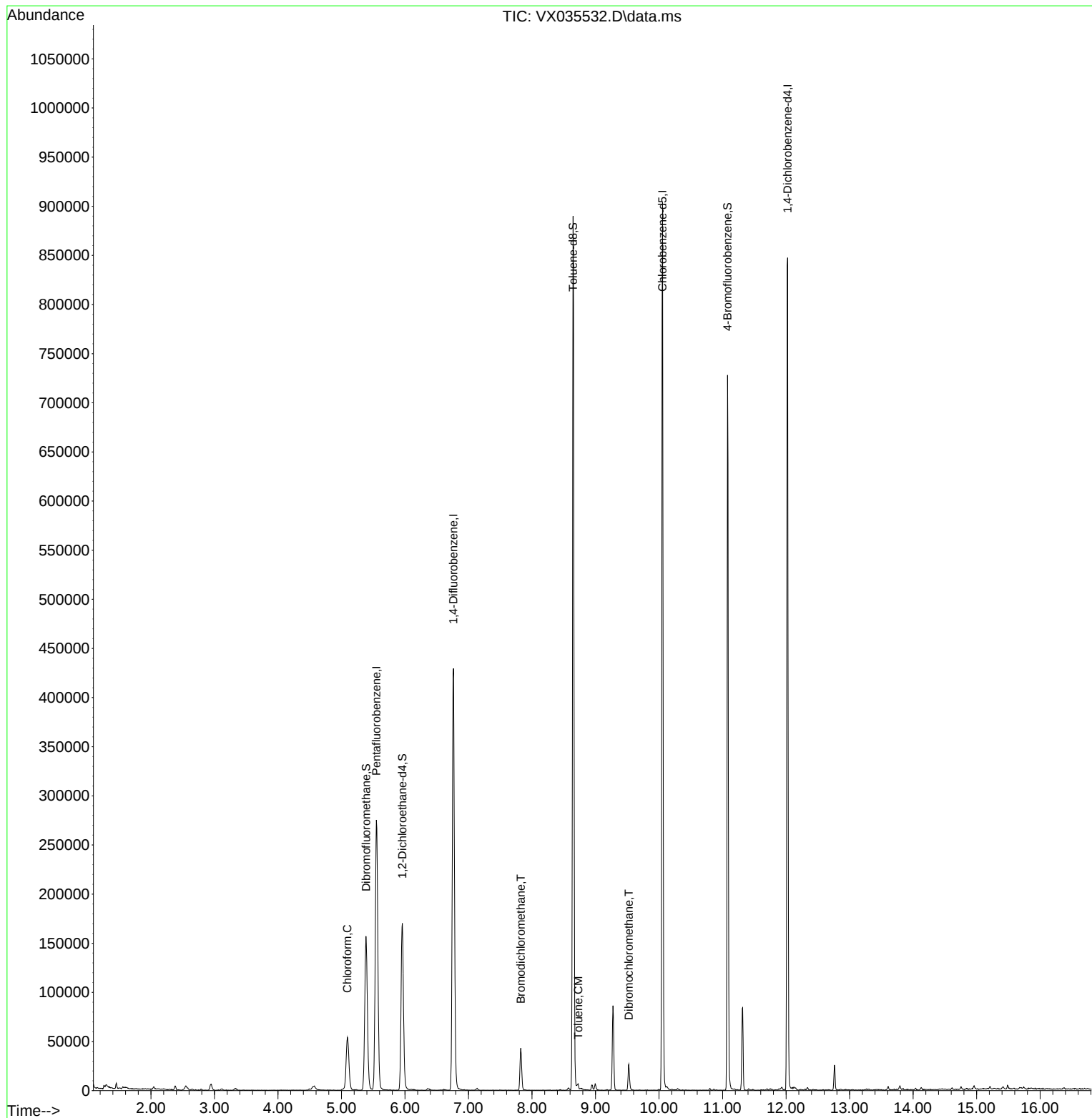
Internal Standards						
1) Pentafluorobenzene	5.550	168	269007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	448313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165528	51.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.000%
35) Dibromofluoromethane	5.385	113	140824	51.179	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.647	98	526428	50.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.440%
62) 4-Bromofluorobenzene	11.079	95	198361	50.800	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
						Qvalue
30) Chloroform	5.093	83	67711	13.087	ug/l	99
47) Bromodichloromethane	7.824	83	29129	7.409	ug/l #	94
52) Toluene	8.726	92	1952	0.250	ug/l	100
60) Dibromochloromethane	9.525	129	10191	3.415	ug/l	93

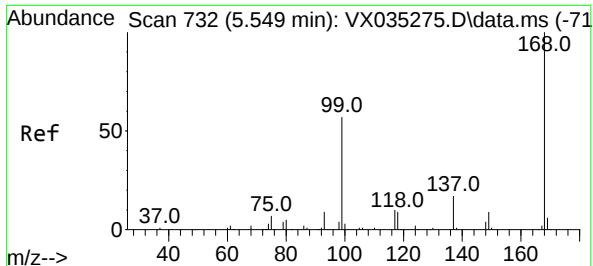
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 08 00:50:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
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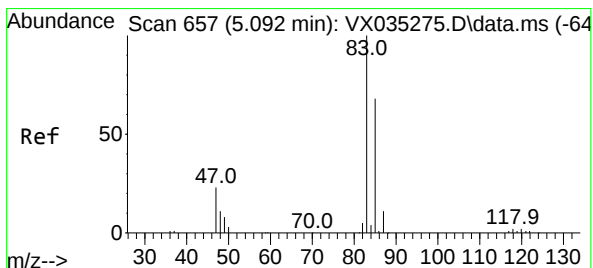
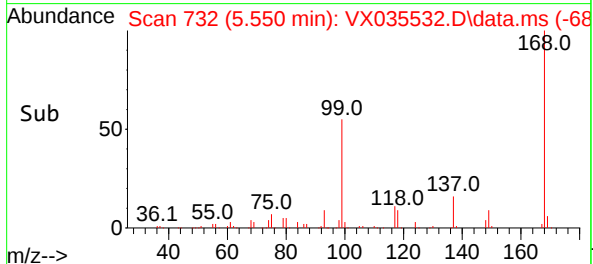
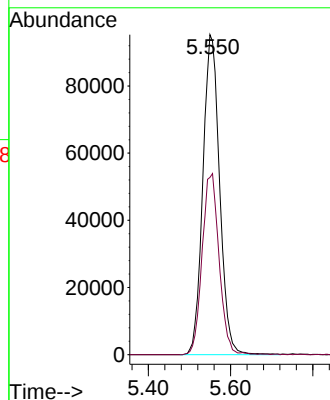
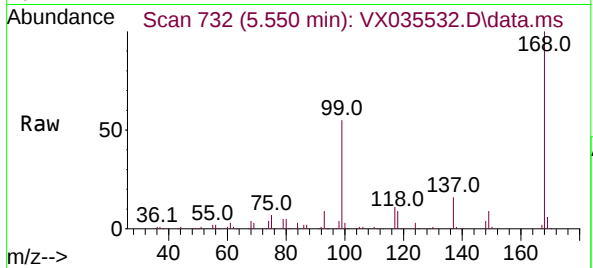




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

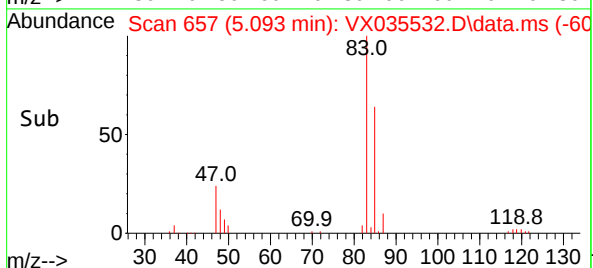
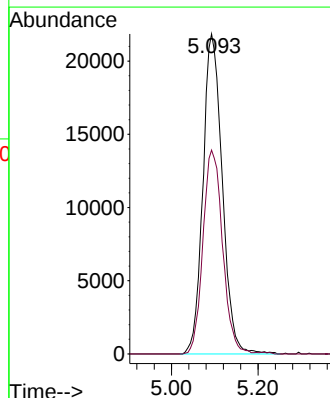
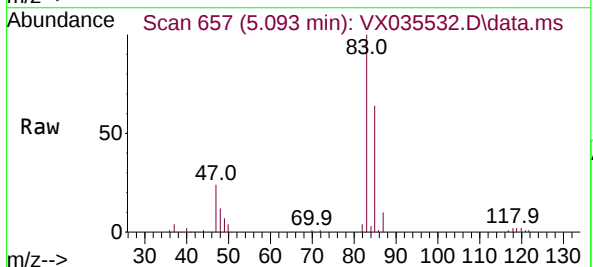
Instrument :
MSVOA_X
ClientSampleId :
002-1

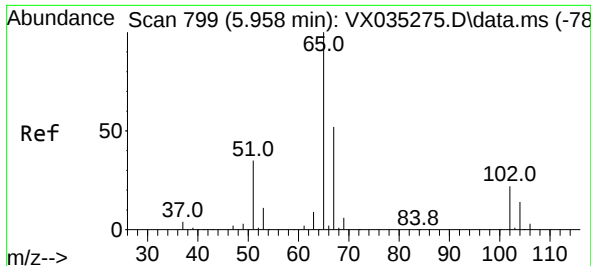
Tgt Ion:168 Resp: 269007
Ion Ratio Lower Upper
168 100
99 55.4 45.7 68.5



#30
Chloroform
Concen: 13.087 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

Tgt Ion: 83 Resp: 67711
Ion Ratio Lower Upper
83 100
85 63.7 50.6 76.0

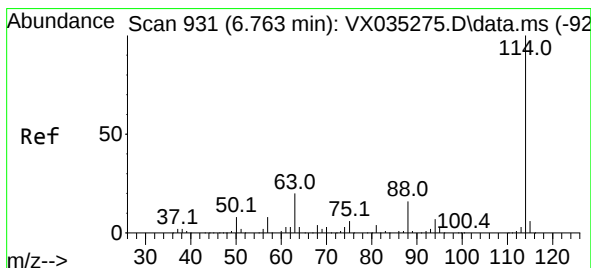
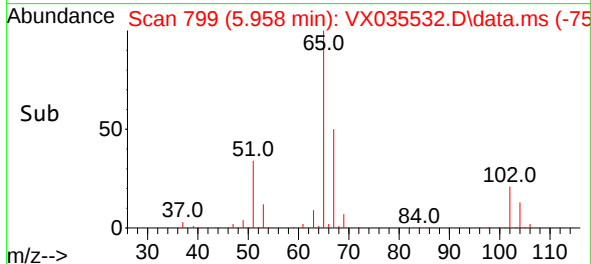
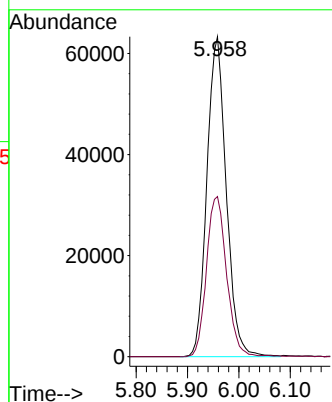
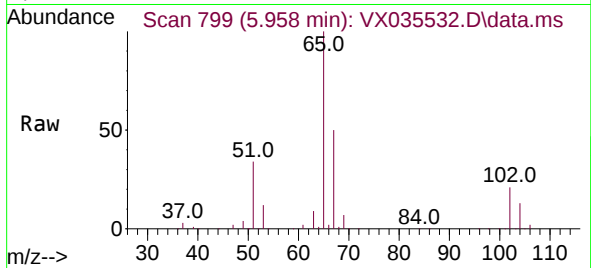




#33
 1,2-Dichloroethane-d4
 Concen: 51.004 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX035532.D
 Acq: 05 May 2023 13:42

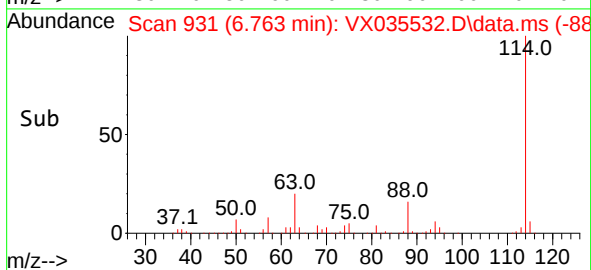
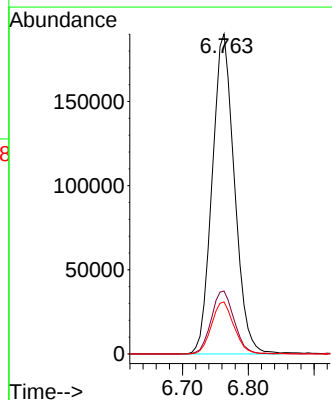
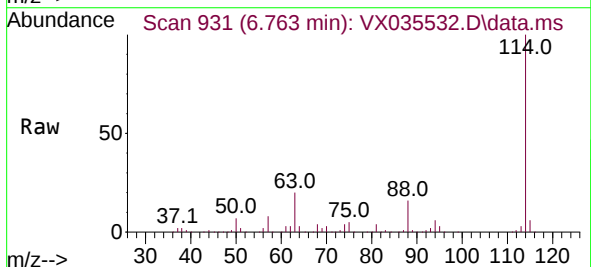
Instrument :
 MSVOA_X
 ClientSampleId :
 002-1

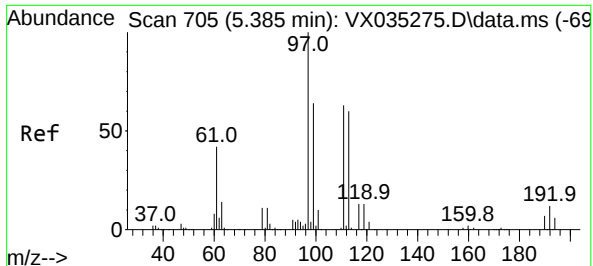
Tgt Ion: 65 Resp: 165528
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035532.D
 Acq: 05 May 2023 13:42

Tgt Ion: 114 Resp: 448313
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.2
 88 16.2 0.0 33.2

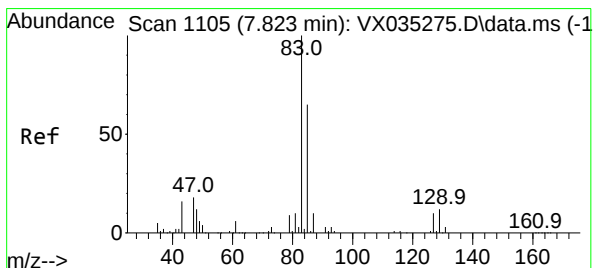
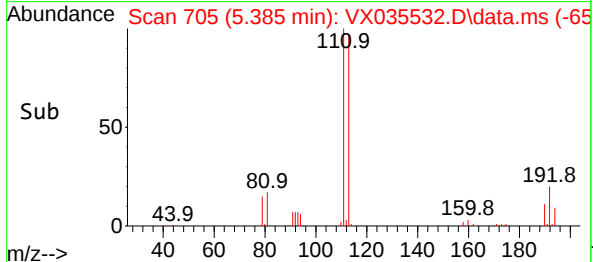
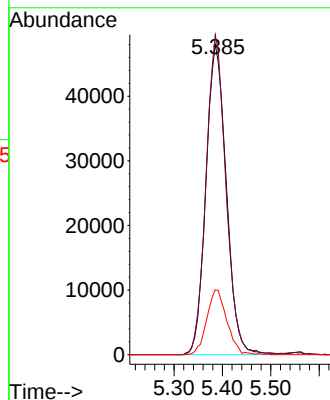
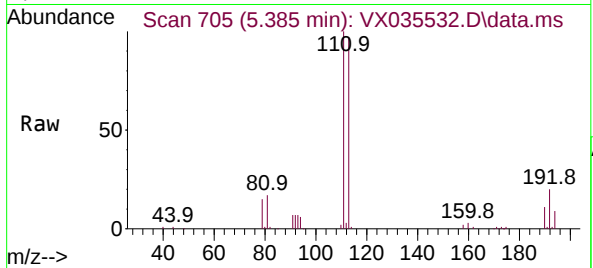




#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

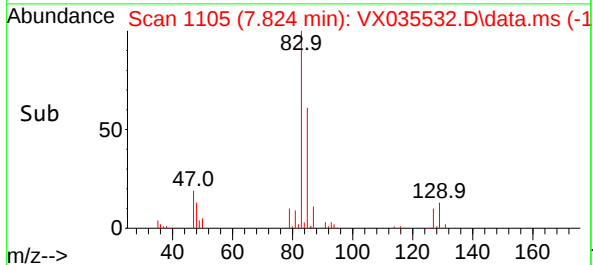
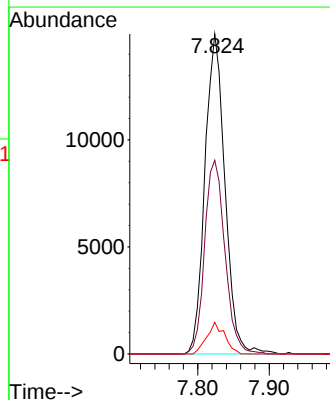
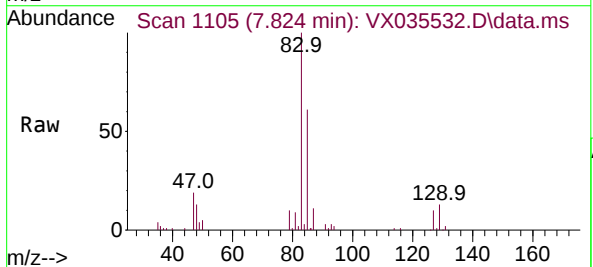
Instrument :
MSVOA_X
ClientSampleId :
002-1

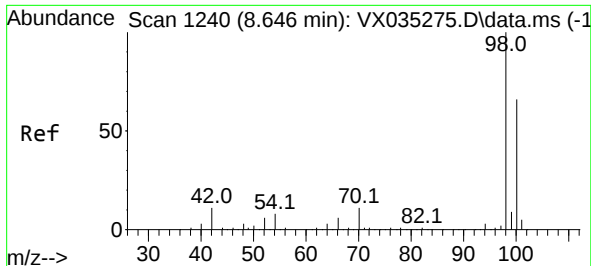
Tgt Ion:113 Resp: 140824
Ion Ratio Lower Upper
113 100
111 100.6 83.7 125.5
192 20.6 15.4 23.2



#47
Bromodichloromethane
Concen: 7.409 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

Tgt Ion: 83 Resp: 29129
Ion Ratio Lower Upper
83 100
85 60.6 52.2 78.4
127 9.9 6.6 9.8#

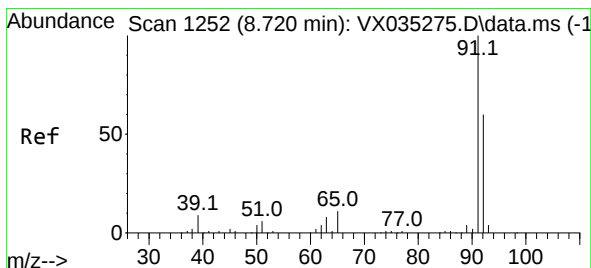
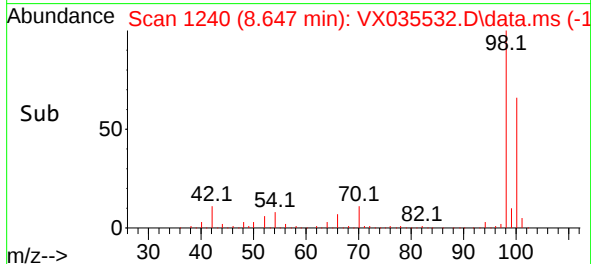
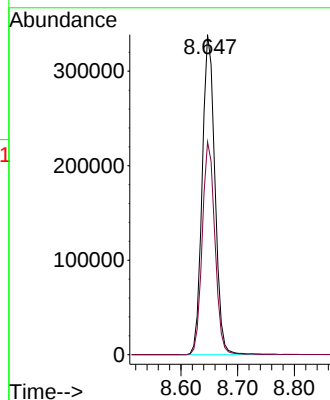
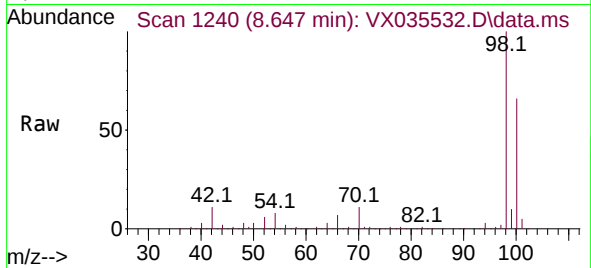




#50
Toluene-d8
Concen: 50.716 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

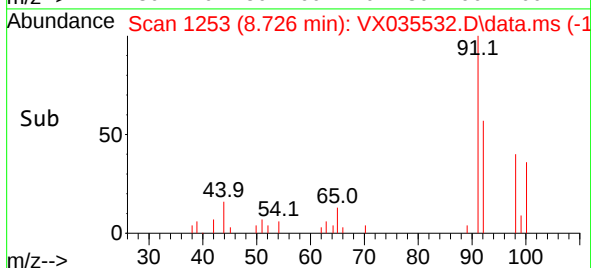
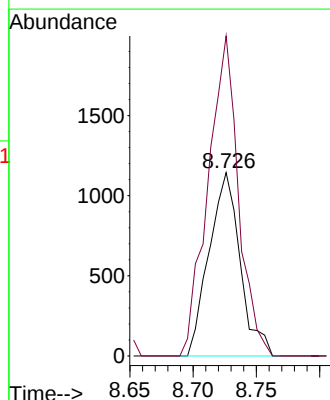
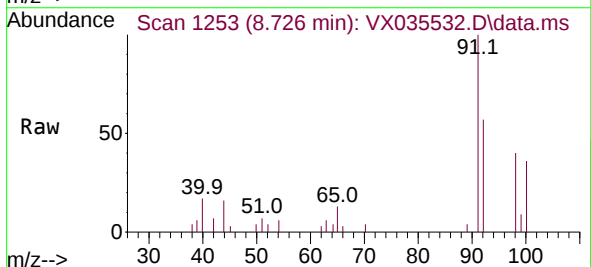
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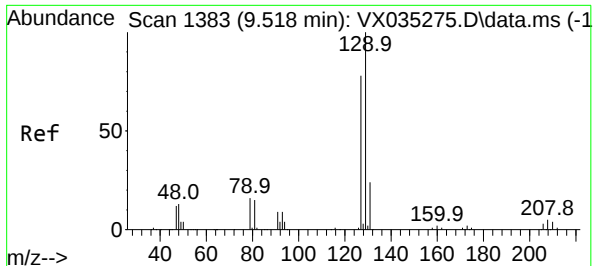
Tgt Ion: 98 Resp: 526428
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#52
Toluene
Concen: 0.250 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

Tgt Ion: 92 Resp: 1952
Ion Ratio Lower Upper
92 100
91 171.2 136.8 205.2

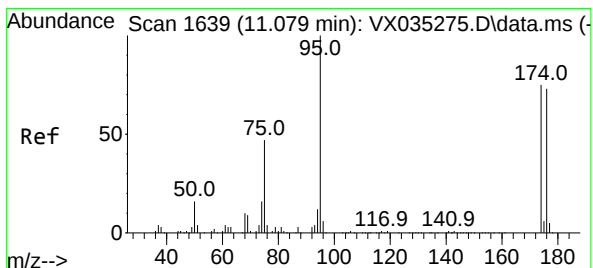
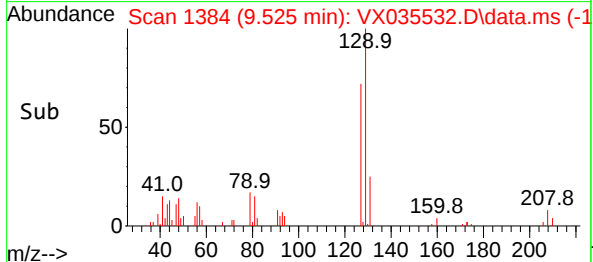
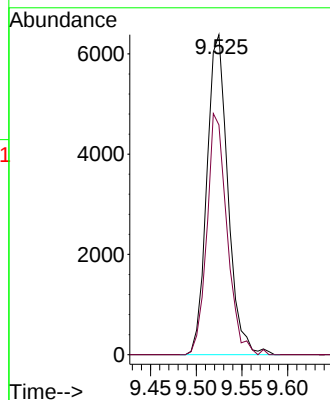
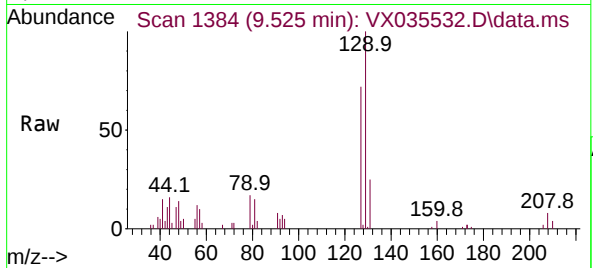




#60
Dibromochloromethane
Concen: 3.415 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

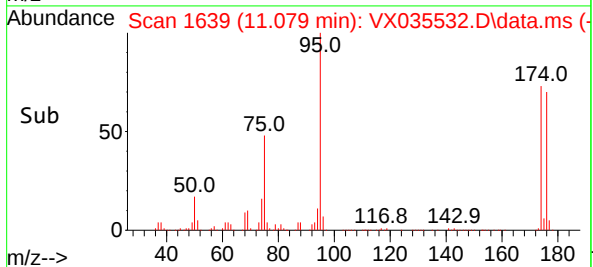
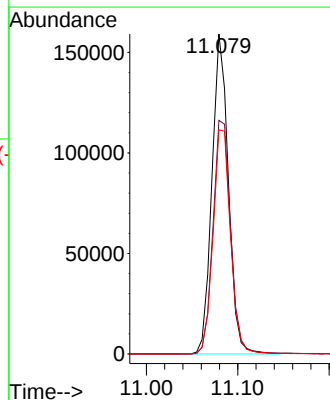
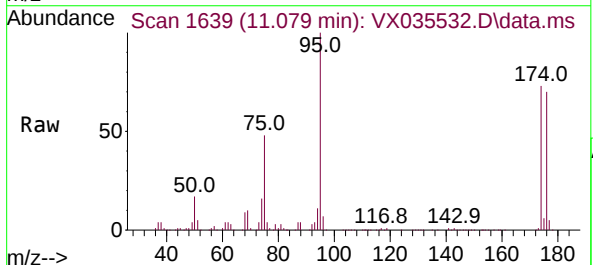
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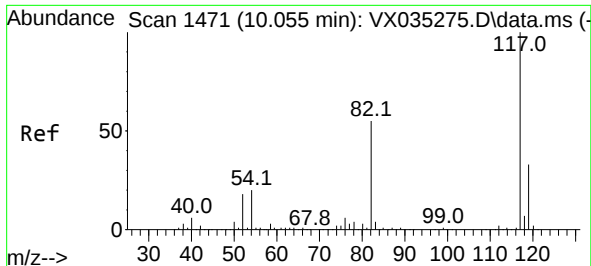
Tgt Ion:129 Resp: 10191
Ion Ratio Lower Upper
129 100
127 72.3 39.0 117.0



#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

Tgt Ion: 95 Resp: 198361
Ion Ratio Lower Upper
95 100
174 78.3 0.0 147.4
176 74.8 0.0 140.6

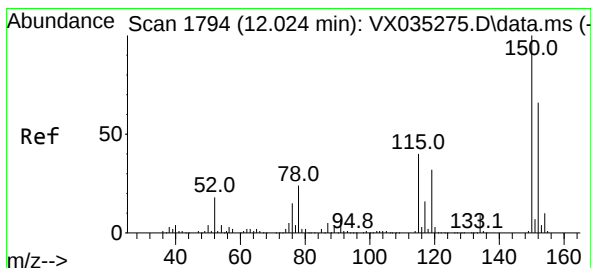
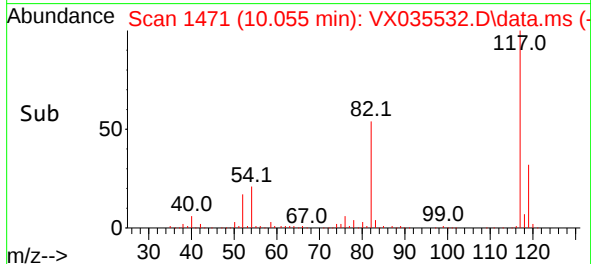
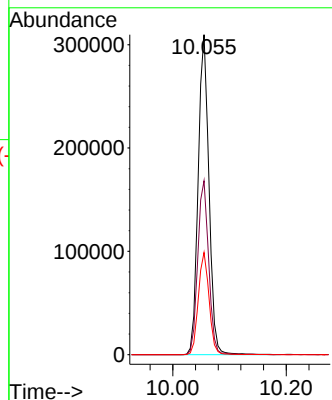
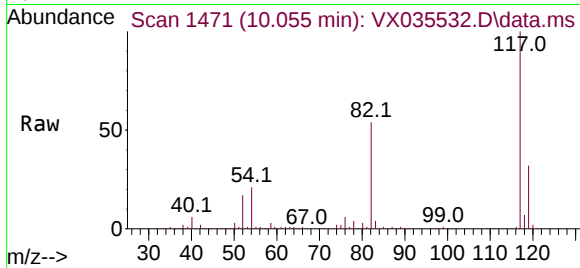




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035532.D
Acq: 05 May 2023 13:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 408226
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 31.9 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: VX035532.D
Acq: 05 May 2023 13:42

Tgt Ion:152 Resp: 191037
Ion Ratio Lower Upper
152 100
115 60.0 45.0 135.0
150 156.4 0.0 352.4

