

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035535.D
 Acq On : 05 May 2023 14:52
 Operator : JC/MD
 Sample : 02615-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-2

Quant Time: May 08 00:51:04 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)

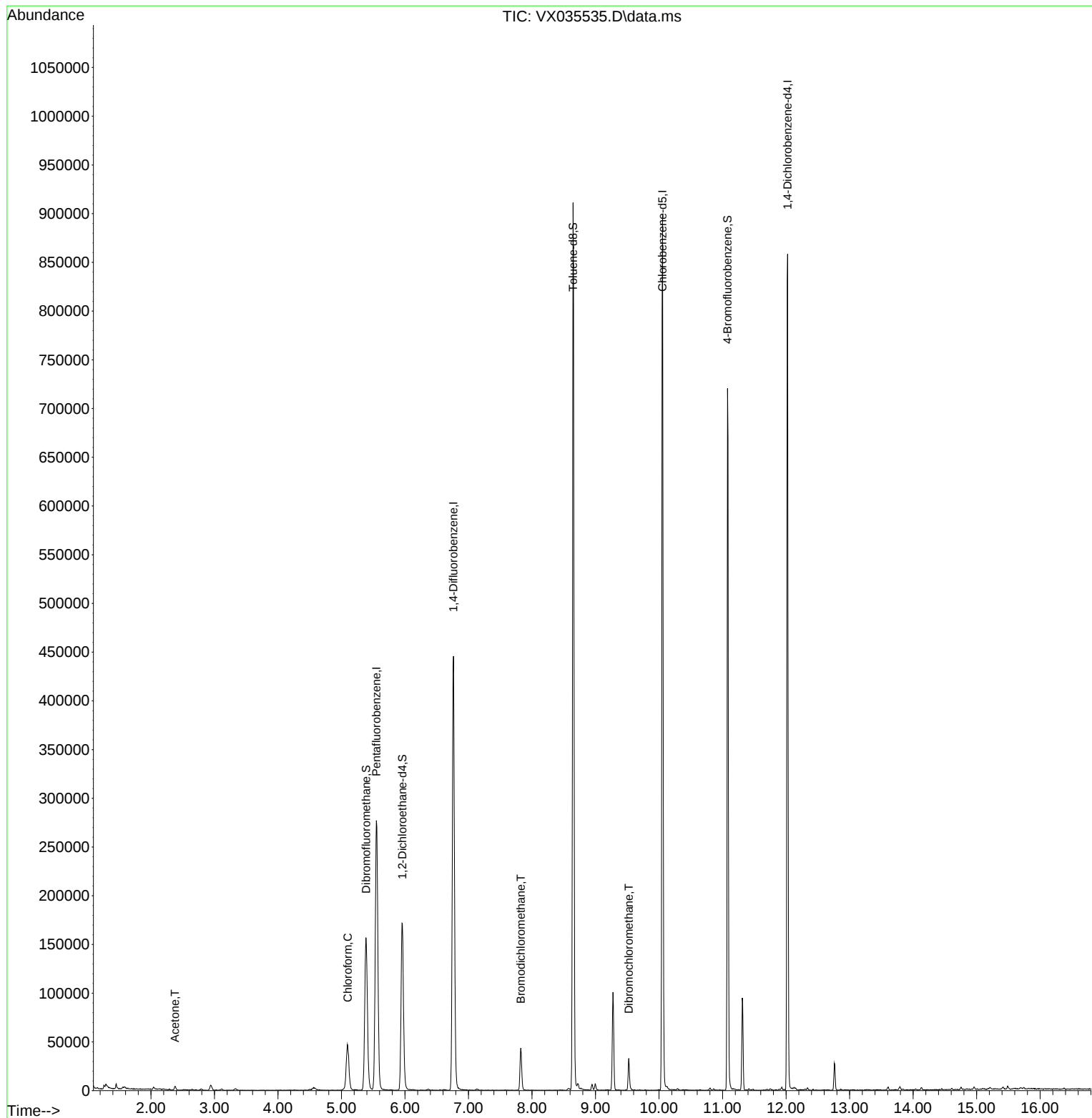
Internal Standards						
1) Pentafluorobenzene	5.550	168	268454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166641	51.452	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.900%		
35) Dibromofluoromethane	5.385	113	141793	50.415	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.820%		
50) Toluene-d8	8.647	98	539044	50.806	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.620%		
62) 4-Bromofluorobenzene	11.079	95	199249	49.922	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.840%		
Target Compounds						
16) Acetone	2.379	43	4321	3.072	ug/l	98
30) Chloroform	5.098	83	57533	11.143	ug/l	96
47) Bromodichloromethane	7.824	83	29007	7.218	ug/l #	99
60) Dibromochloromethane	9.525	129	11384	3.732	ug/l	100

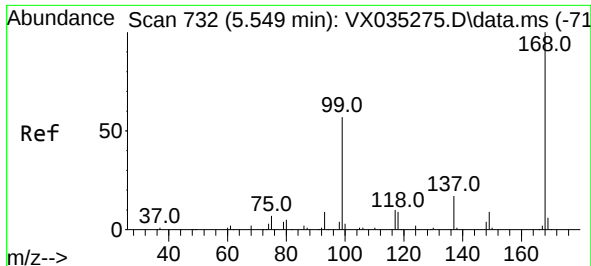
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX035535.D

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MSVOA_X

ClientSampleId :

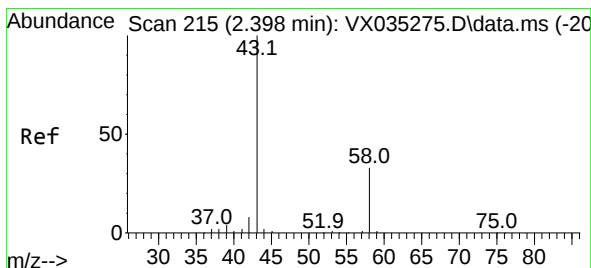
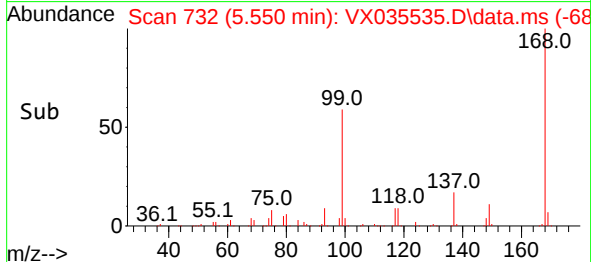
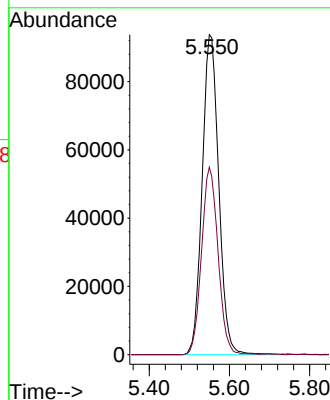
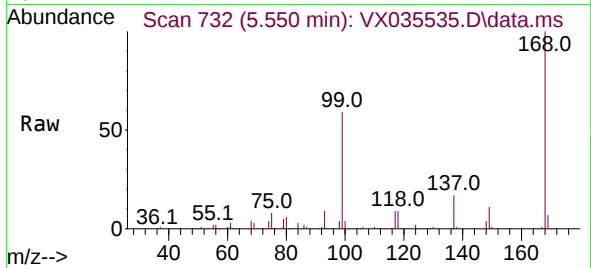
002-2

Tgt Ion:168 Resp: 268454

Ion Ratio Lower Upper

168 100

99 58.6 45.7 68.5



#16

Acetone

Concen: 3.072 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.019 min

Lab File: VX035535.D

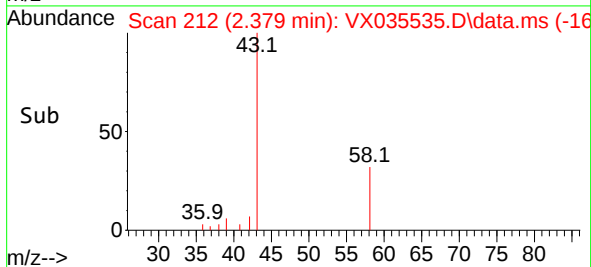
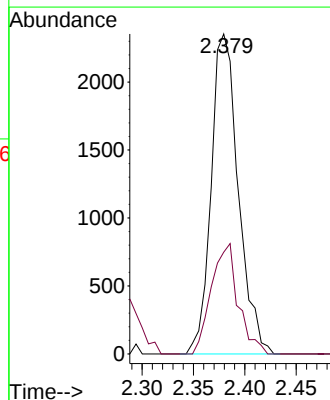
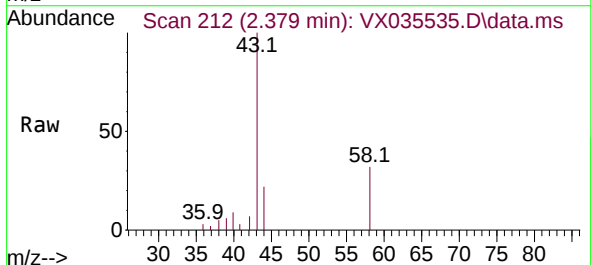
Acq: 05 May 2023 14:52

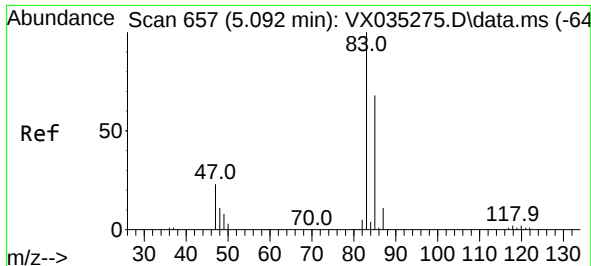
Tgt Ion: 43 Resp: 4321

Ion Ratio Lower Upper

43 100

58 31.8 24.7 37.1





#30

Chloroform

Concen: 11.143 ug/l

RT: 5.098 min Scan# 657

Delta R.T. 0.006 min

Lab File: VX035535.D

Acq: 05 May 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

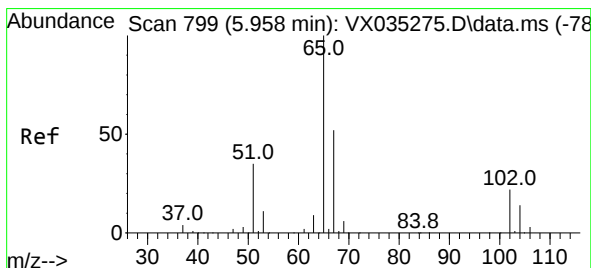
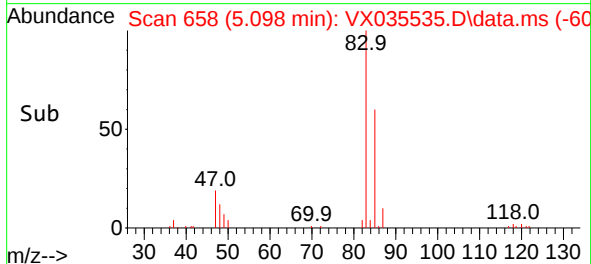
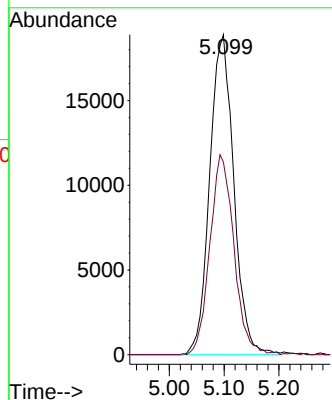
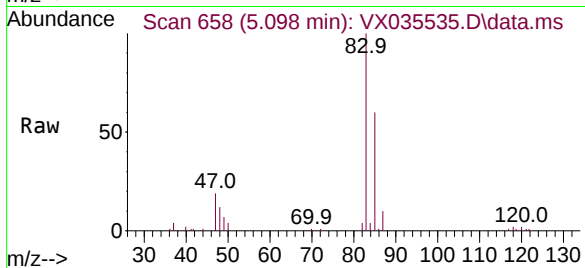
002-2

Tgt Ion: 83 Resp: 57533

Ion Ratio Lower Upper

83 100

85 60.2 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 51.452 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035535.D

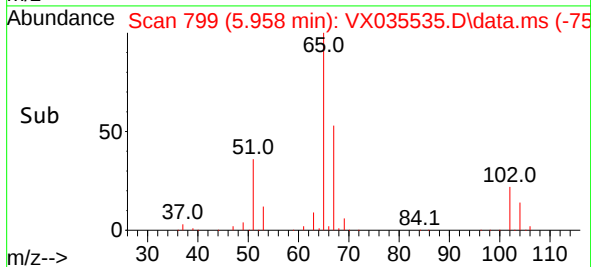
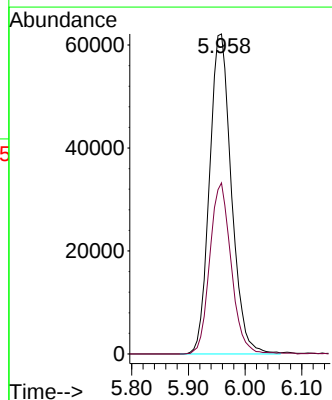
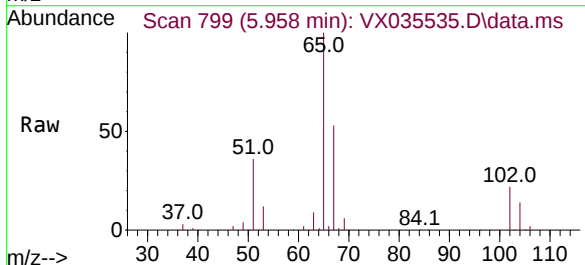
Acq: 05 May 2023 14:52

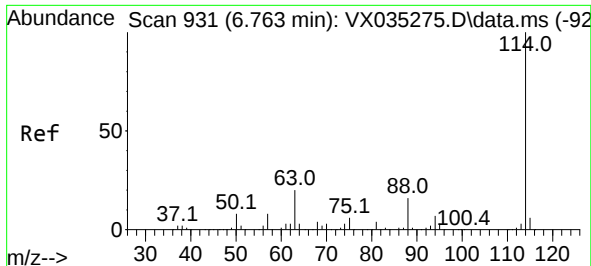
Tgt Ion: 65 Resp: 166641

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0

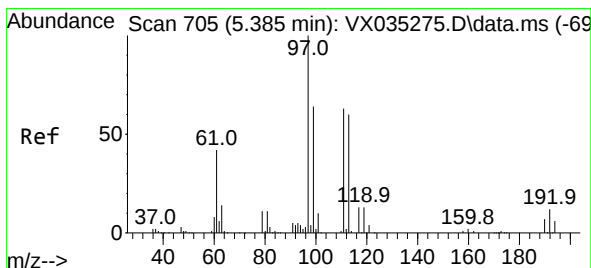
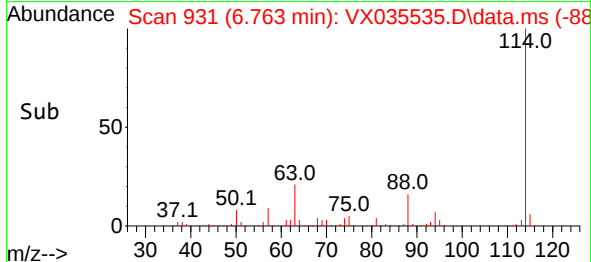
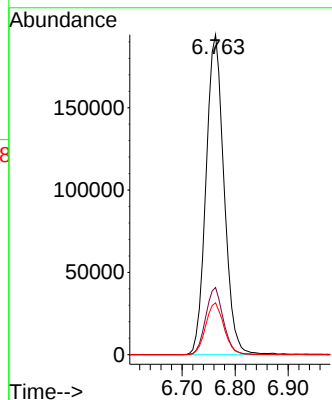
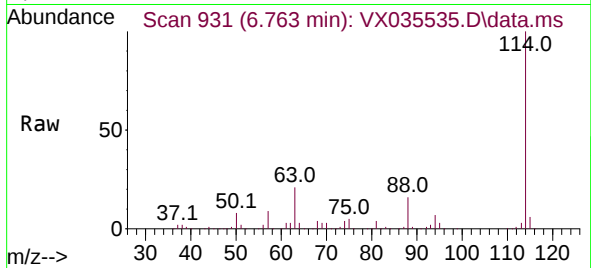




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035535.D
Acq: 05 May 2023 14:52

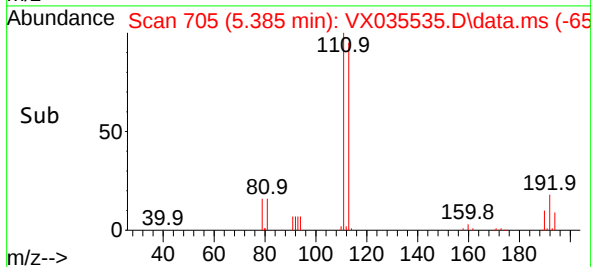
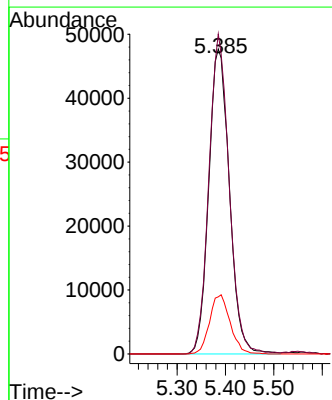
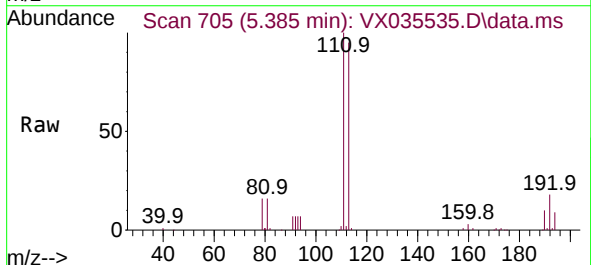
Instrument :
MSVOA_X
ClientSampleId :
002-2

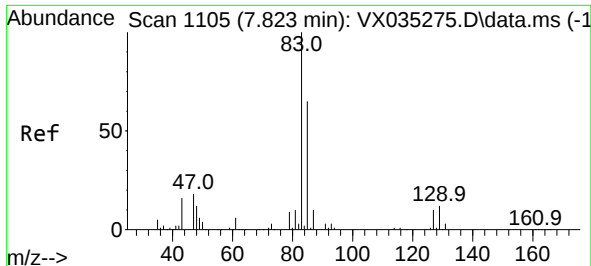
Tgt Ion:114 Resp: 458239
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.2
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.415 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035535.D
Acq: 05 May 2023 14:52

Tgt Ion:113 Resp: 141793
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 19.3 15.4 23.2

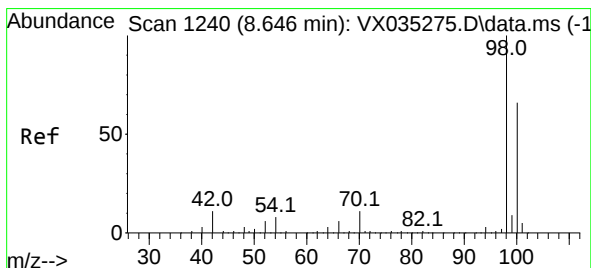
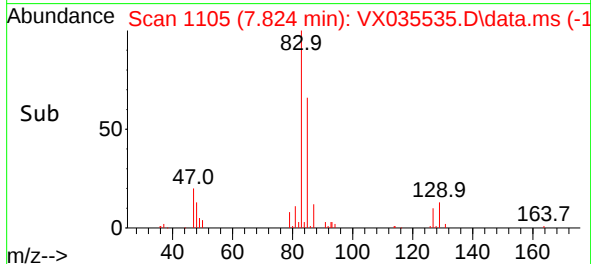
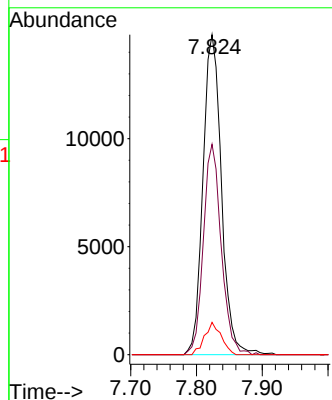
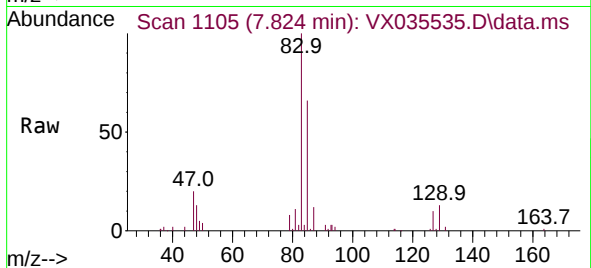




#47
Bromodichloromethane
Concen: 7.218 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX035535.D
Acq: 05 May 2023 14:52

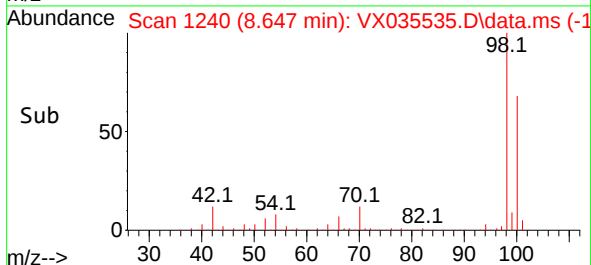
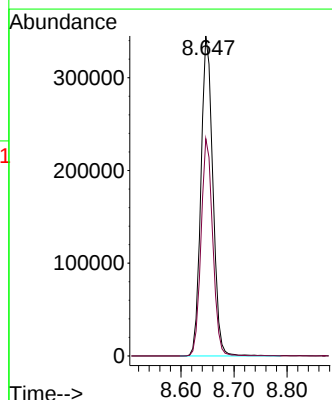
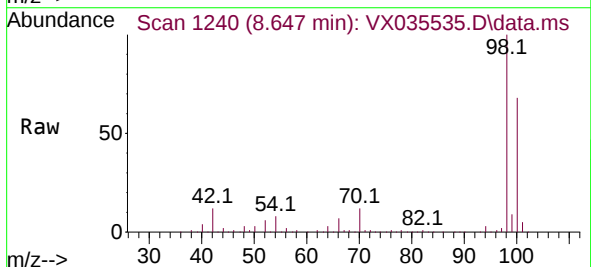
Instrument :
MSVOA_X
ClientSampleId :
002-2

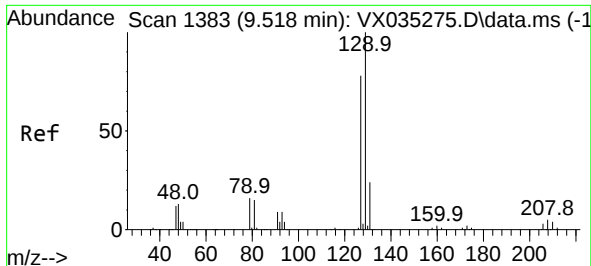
Tgt Ion: 83 Resp: 29007
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4
127 10.1 6.6 9.8#



#50
Toluene-d8
Concen: 50.806 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035535.D
Acq: 05 May 2023 14:52

Tgt Ion: 98 Resp: 539044
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#60

Dibromochloromethane

Concen: 3.732 ug/l

RT: 9.525 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX035535.D

Acq: 05 May 2023 14:52

Instrument :

MSVOA_X

ClientSampleId :

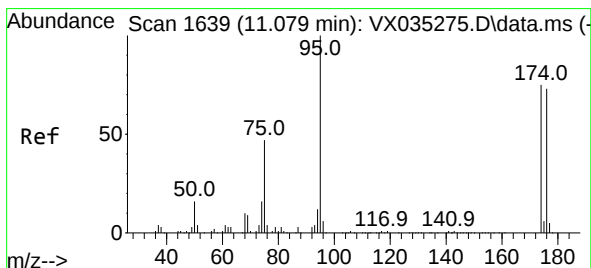
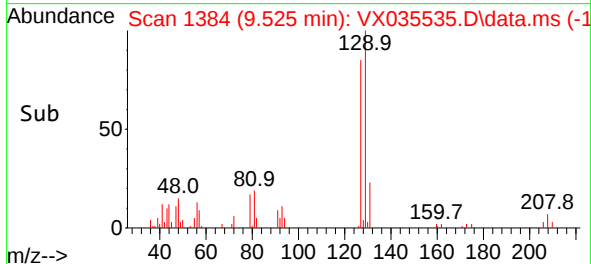
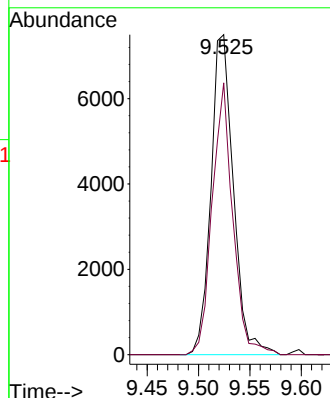
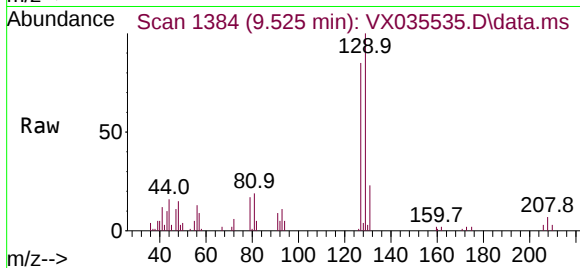
002-2

Tgt Ion:129 Resp: 11384

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0



#62

4-Bromofluorobenzene

Concen: 49.922 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035535.D

Acq: 05 May 2023 14:52

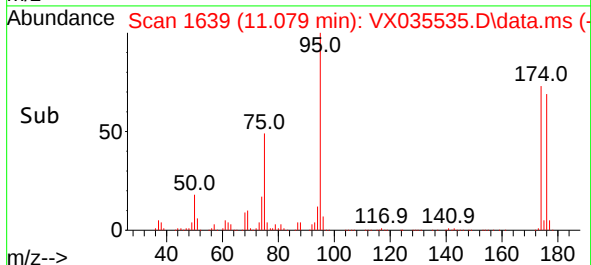
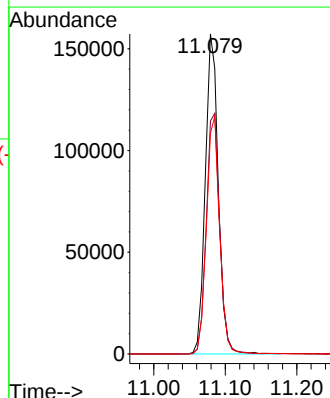
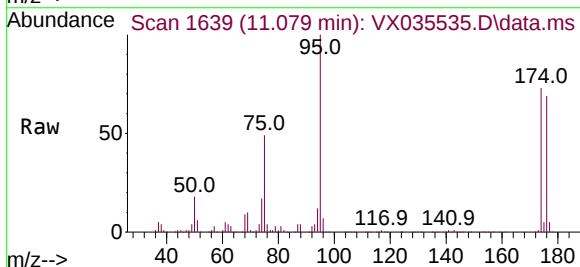
Tgt Ion: 95 Resp: 199249

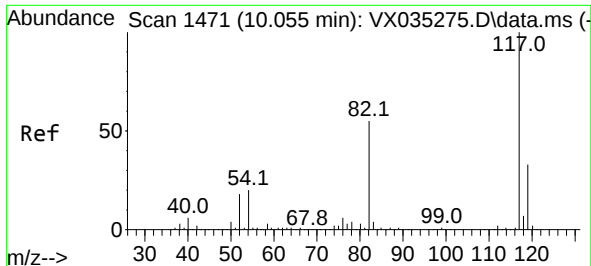
Ion Ratio Lower Upper

95 100

174 77.5 0.0 147.4

176 75.1 0.0 140.6

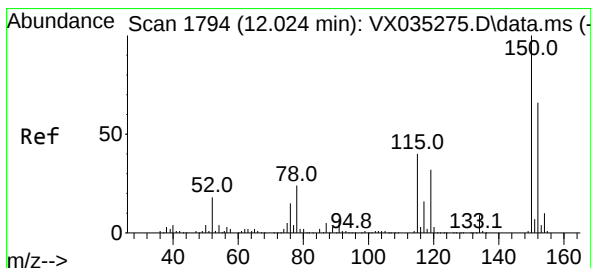
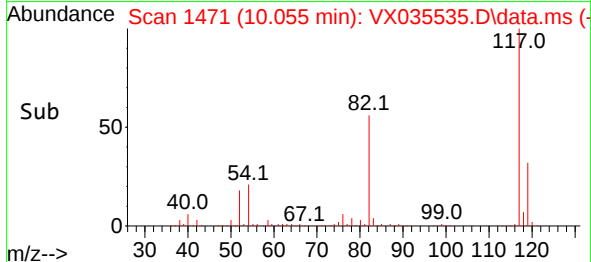
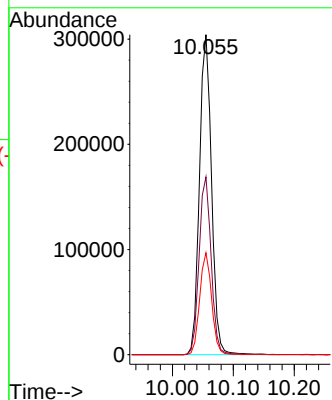
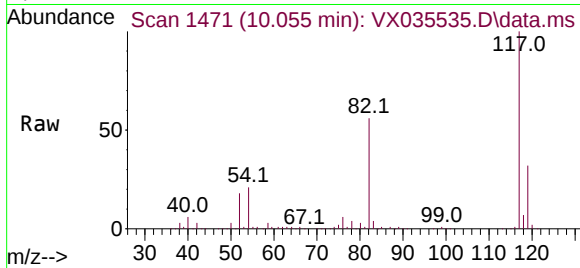




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035535.D
Acq: 05 May 2023 14:52

Instrument :
MSVOA_X
ClientSampleId :
002-2

Tgt Ion:117 Resp: 418608
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 31.8 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: VX035535.D
Acq: 05 May 2023 14:52

Tgt Ion:152 Resp: 187450
Ion Ratio Lower Upper
152 100
115 59.9 45.0 135.0
150 156.0 0.0 352.4

