

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025409.D
 Acq On : 01 Dec 2021 13:38
 Operator : JC/MD
 Sample : M4866-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16951

Quant Time: Dec 02 08:27:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

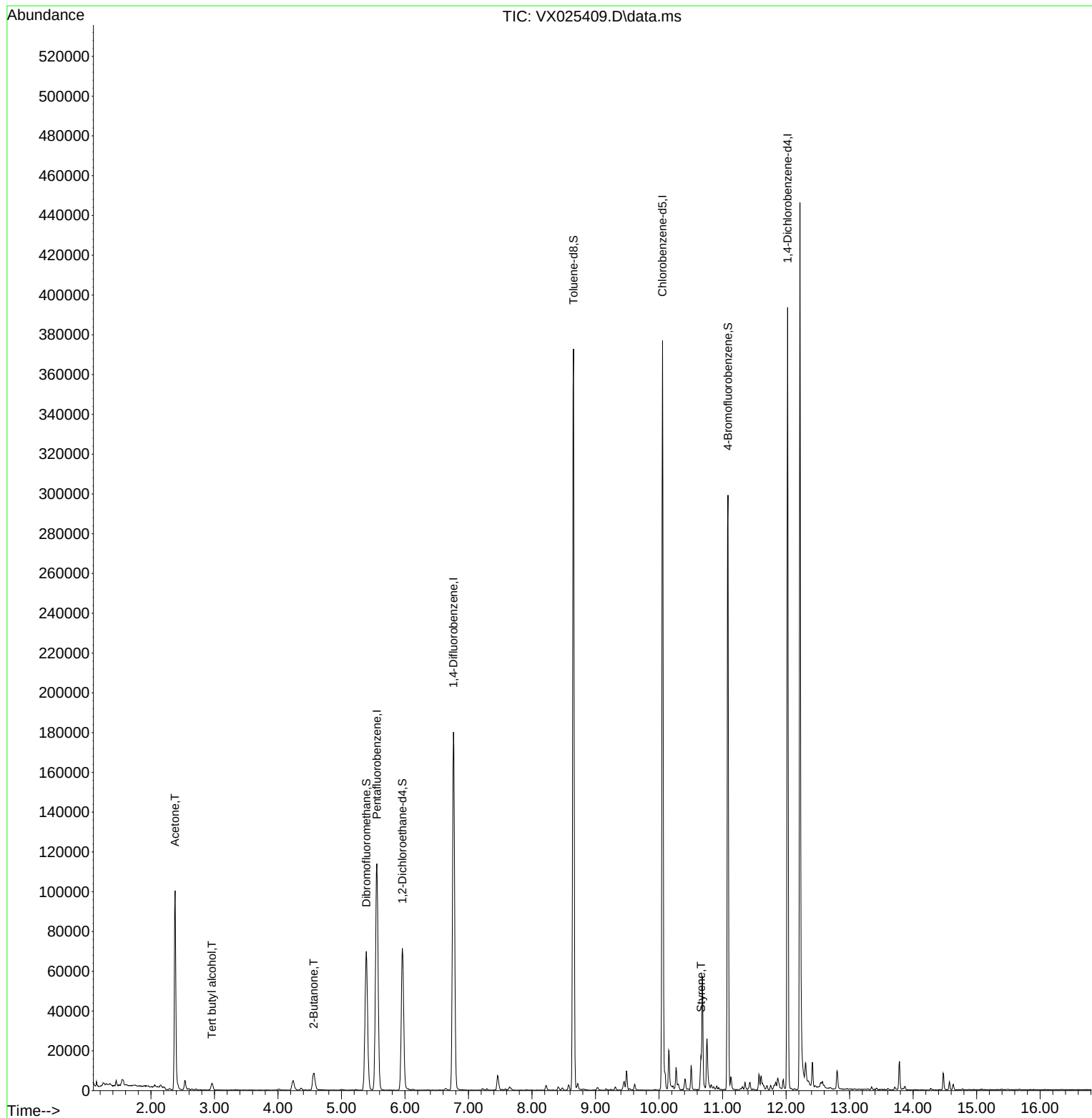
Internal Standards						
1) Pentafluorobenzene	5.556	168	116138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66549	54.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.720%			
35) Dibromofluoromethane	5.391	113	59777	49.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.620%			
50) Toluene-d8	8.653	98	223589	49.555	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.100%			
62) 4-Bromofluorobenzene	11.085	95	79238	46.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	4298	5.447	ug/l	96
16) Acetone	2.380	43	101765	149.605	ug/l	95
25) 2-Butanone	4.562	43	16580	16.859	ug/l	99
70) Styrene	10.659	104	6490	1.595	ug/l	91

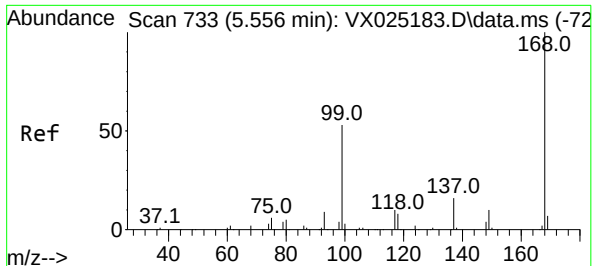
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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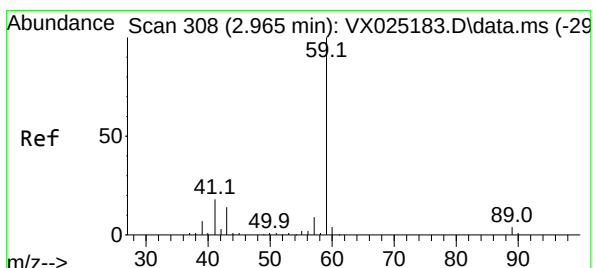
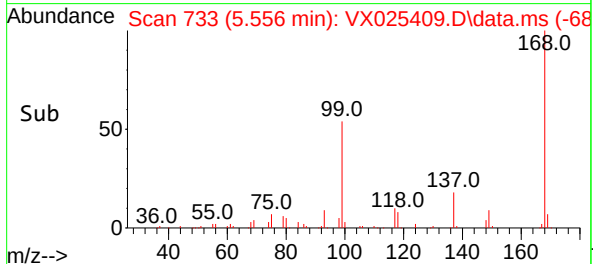
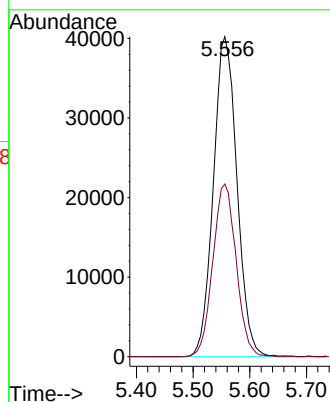
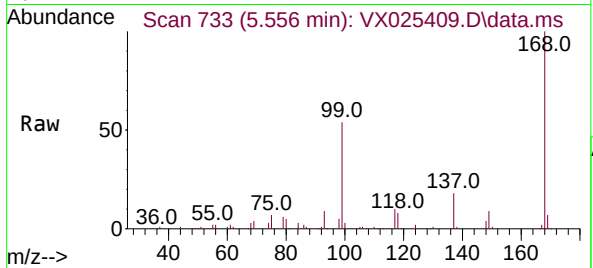




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

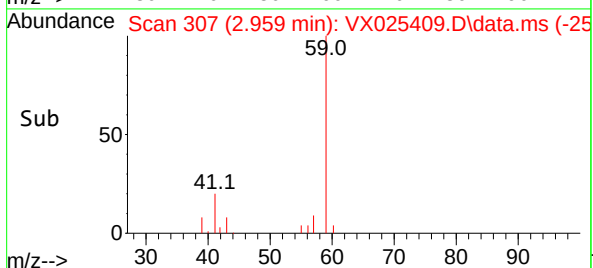
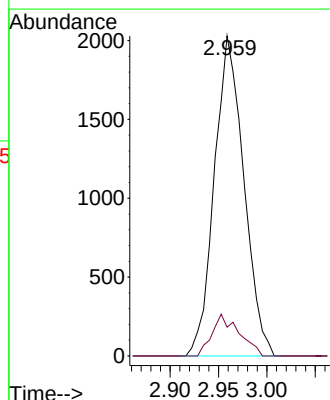
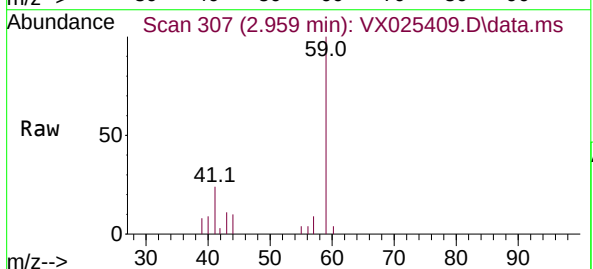
Instrument :
MSVOA_X
ClientSampleId :
16951

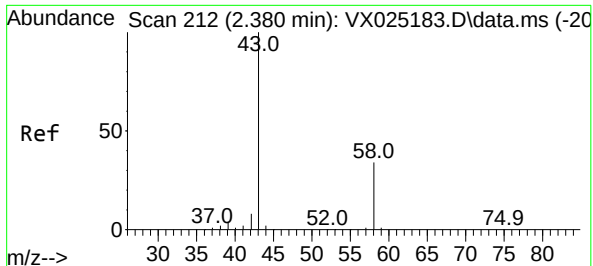
Tgt Ion:168 Resp: 116138
Ion Ratio Lower Upper
168 100
99 53.9 46.4 69.6



#11
Tert butyl alcohol
Concen: 5.447 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

Tgt Ion: 59 Resp: 4298
Ion Ratio Lower Upper
59 100
57 12.0 8.5 12.7

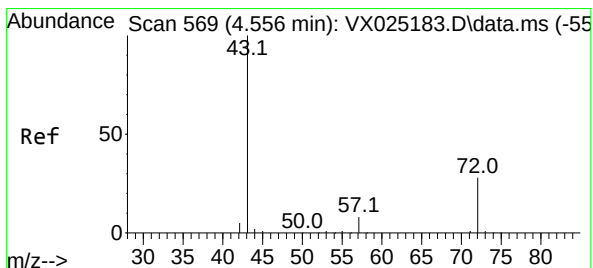
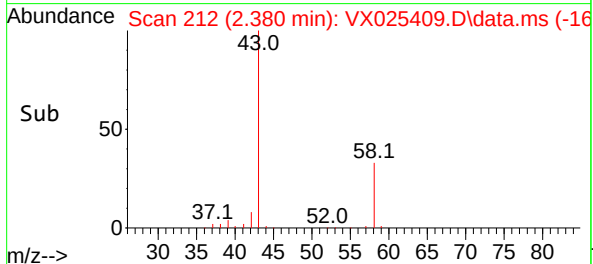
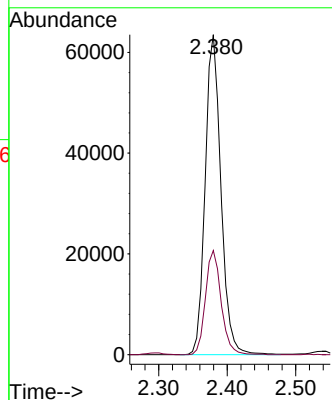
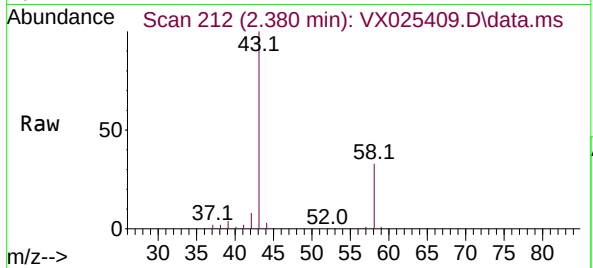




#16
Acetone
Concen: 149.605 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

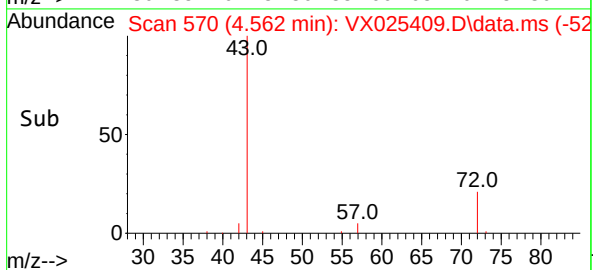
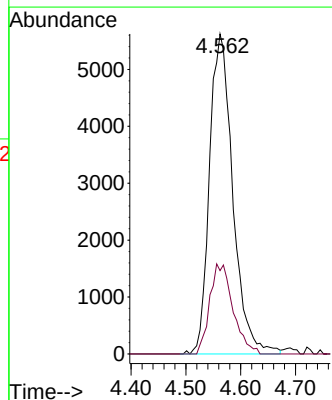
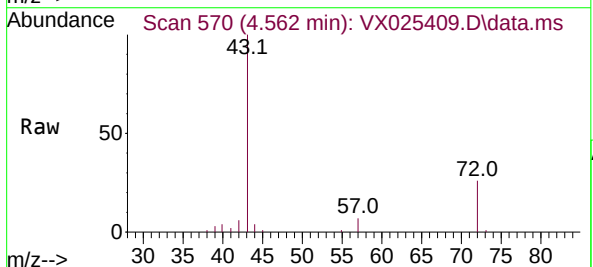
Instrument :
MSVOA_X
ClientSampleId :
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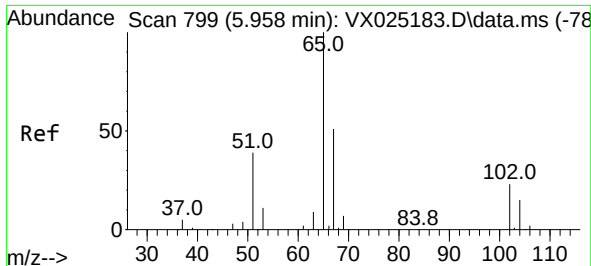
Tgt Ion: 43 Resp: 101765
Ion Ratio Lower Upper
43 100
58 32.6 24.0 36.0



#25
2-Butanone
Concen: 16.859 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

Tgt Ion: 43 Resp: 16580
Ion Ratio Lower Upper
43 100
72 26.0 21.2 31.8

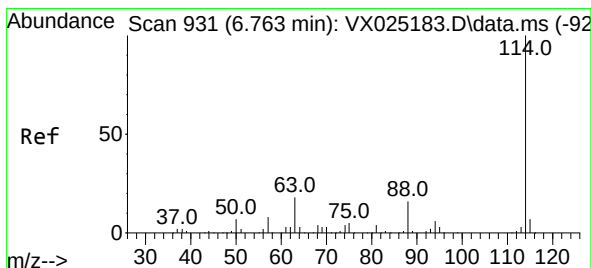
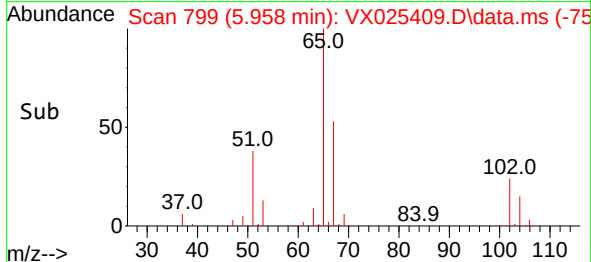
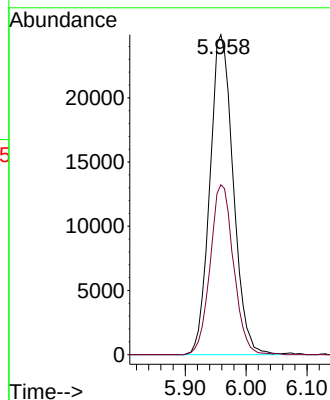
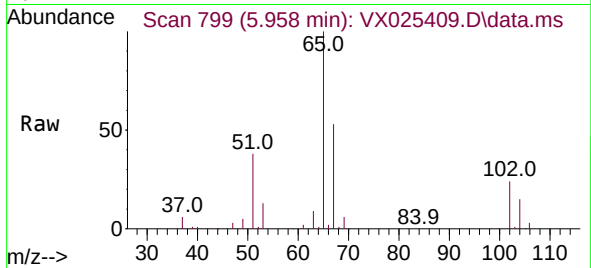




#33
 1,2-Dichloroethane-d4
 Concen: 54.362 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025409.D
 Acq: 01 Dec 2021 13:38

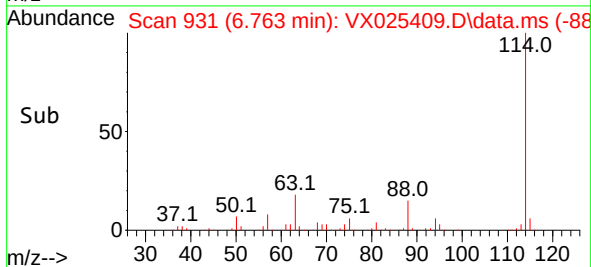
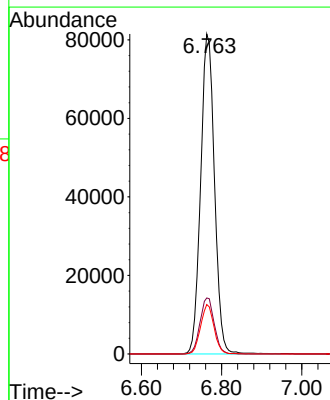
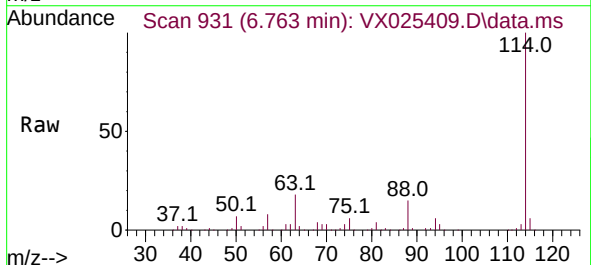
Instrument :
 MSVOA_X
 ClientSampleId :
 16951

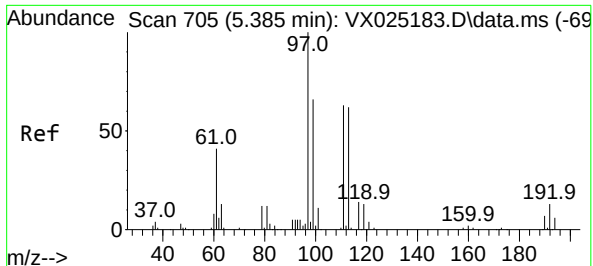
Tgt Ion: 65 Resp: 66549
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX025409.D
 Acq: 01 Dec 2021 13:38

Tgt Ion: 114 Resp: 195583
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 41.0
 88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.813 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025409.D

Acq: 01 Dec 2021 13:38

Instrument :

MSVOA_X

ClientSampleId :

16951

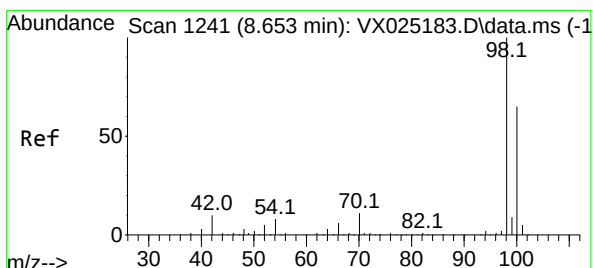
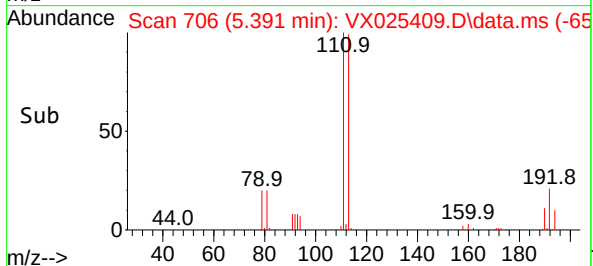
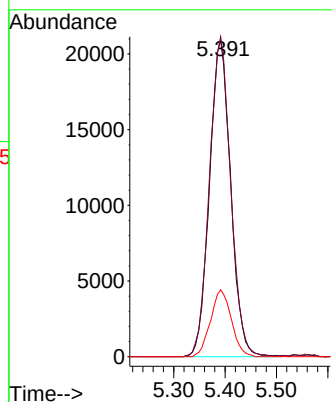
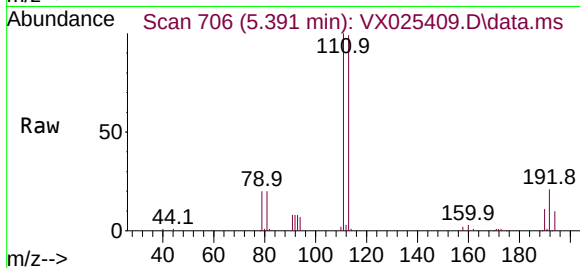
Tgt Ion:113 Resp: 59777

Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 20.8 15.6 23.4



#50

Toluene-d8

Concen: 49.555 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025409.D

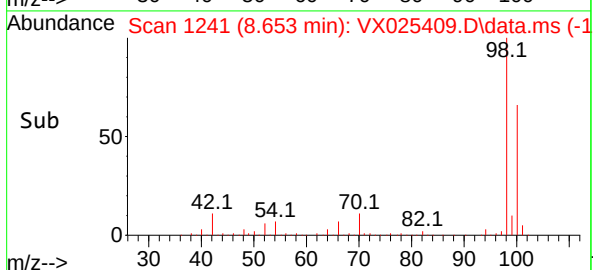
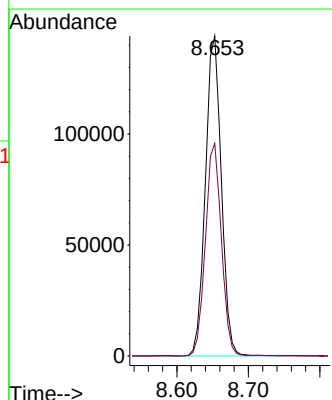
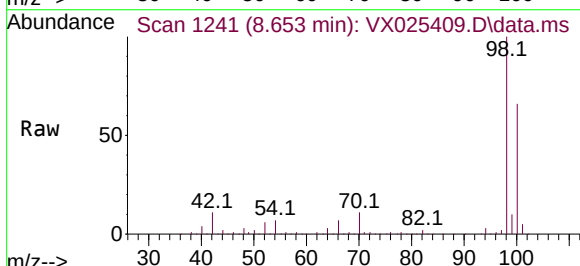
Acq: 01 Dec 2021 13:38

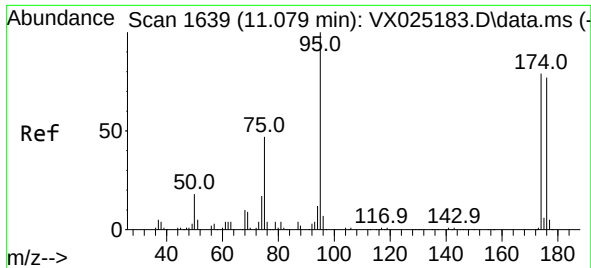
Tgt Ion: 98 Resp: 223589

Ion Ratio Lower Upper

98 100

100 66.8 51.4 77.0

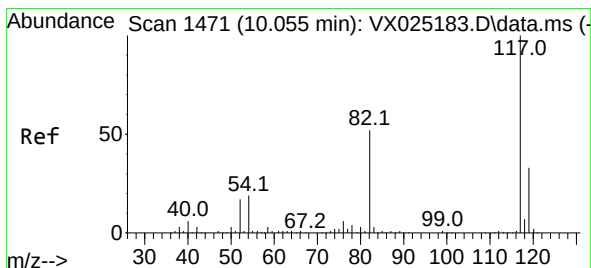
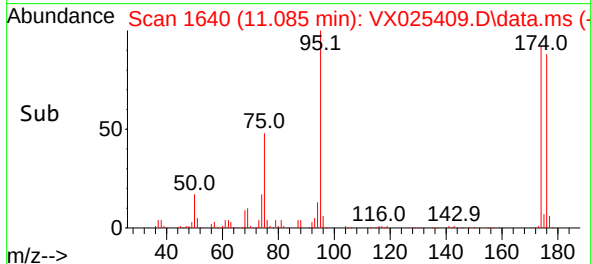
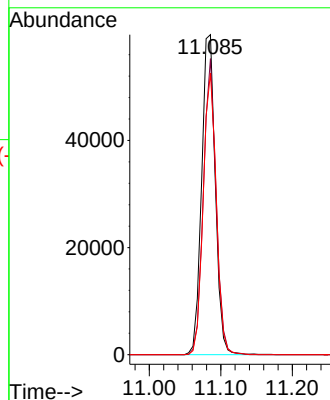
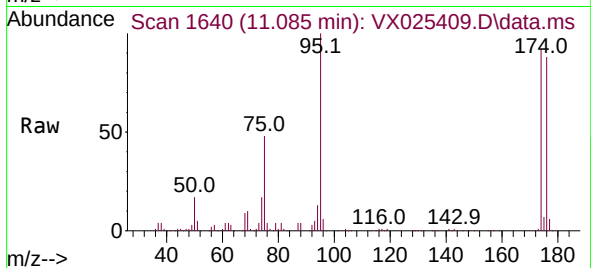




#62
4-Bromofluorobenzene
Concen: 46.422 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

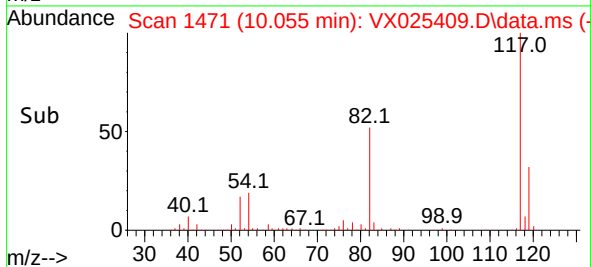
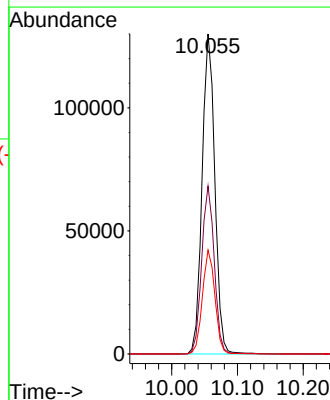
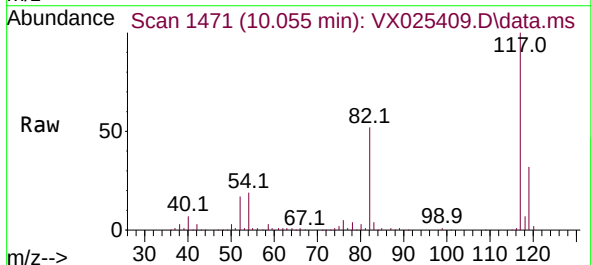
Instrument :
MSVOA_X
ClientSampleId :
16951

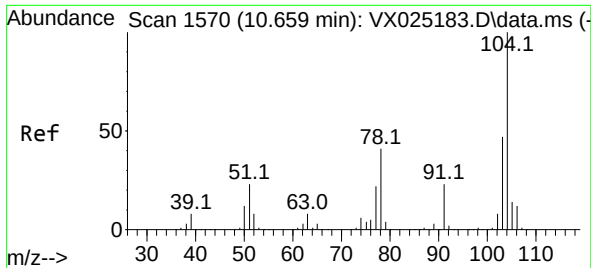
Tgt Ion: 95 Resp: 79238
Ion Ratio Lower Upper
95 100
174 86.1 0.0 158.0
176 84.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

Tgt Ion: 117 Resp: 174950
Ion Ratio Lower Upper
117 100
82 52.5 44.6 67.0
119 32.4 24.8 37.2

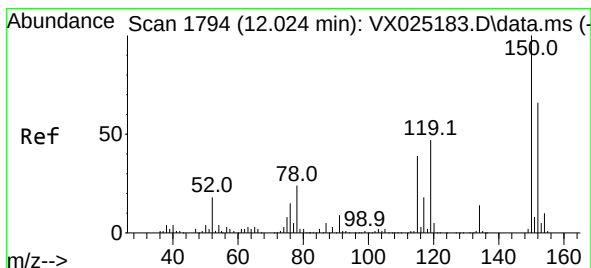
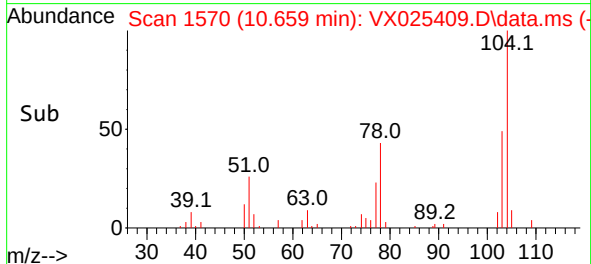
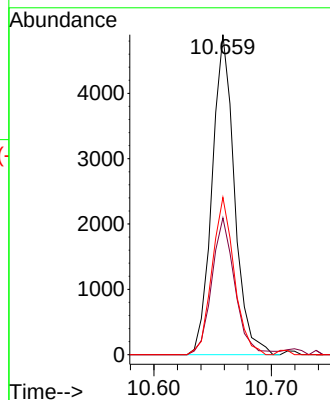
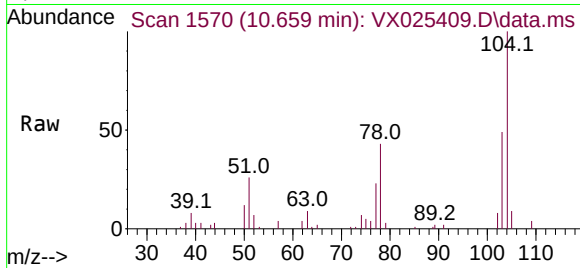




#70
Styrene
Concen: 1.595 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:104 Resp: 6490
Ion Ratio Lower Upper
104 100
78 43.9 41.3 61.9
103 48.7 43.5 65.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025409.D
Acq: 01 Dec 2021 13:38

Tgt Ion:152 Resp: 81528
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 157.5 0.0 351.2

