

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024102.D
 Acq On : 03 Sep 2021 15:05
 Operator : JC/MD
 Sample : M3643-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Sep 04 01:29:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

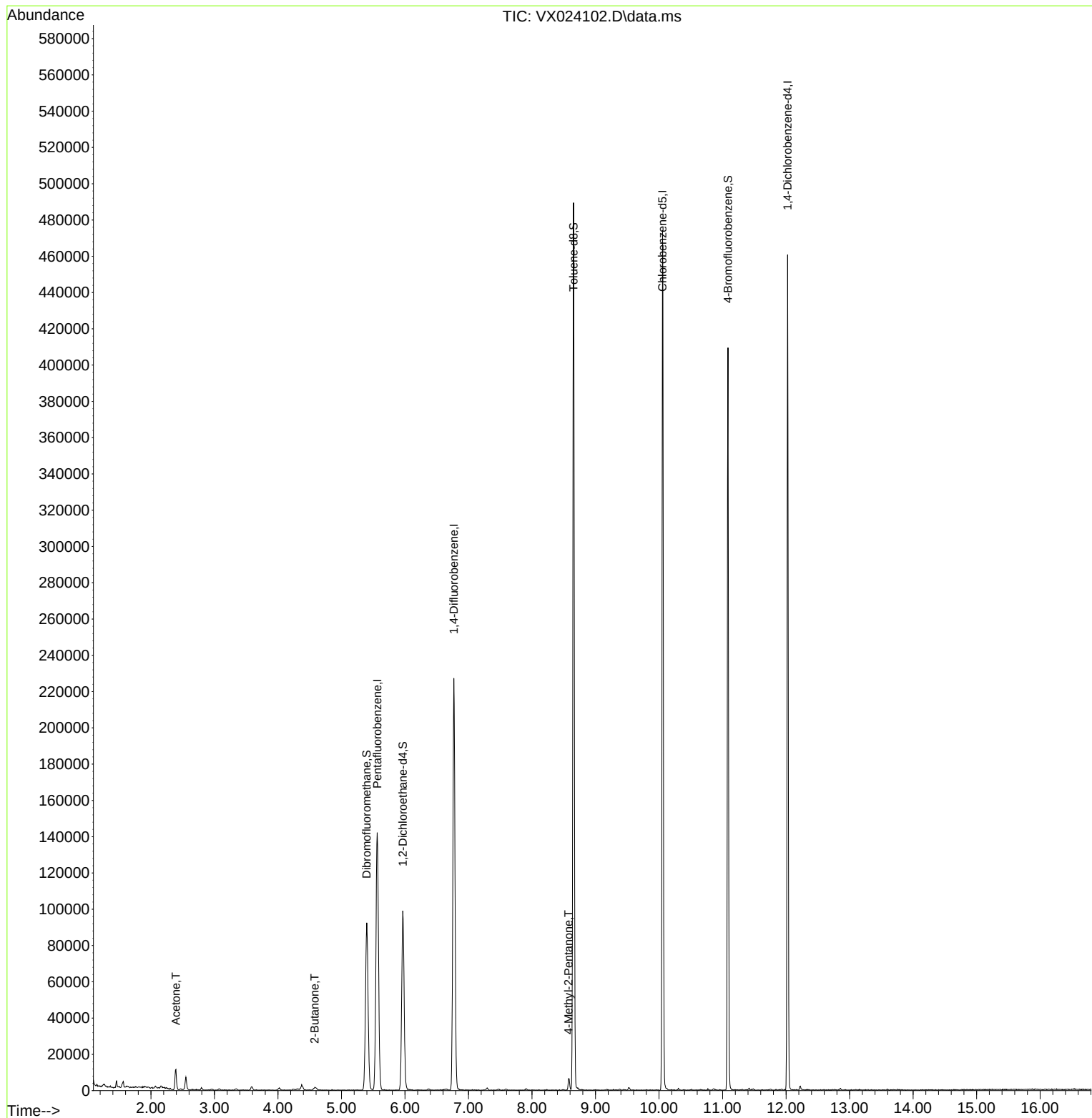
Internal Standards						
1) Pentafluorobenzene	5.562	168	132525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99872	53.996	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.000%
35) Dibromofluoromethane	5.397	113	76879	52.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	8.653	98	278338	50.021	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.085	95	100617	49.119	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.240%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	12113	14.647	ug/l #	85
25) 2-Butanone	4.574	43	2237	1.786	ug/l #	68
51) 4-Methyl-2-Pentanone	8.573	43	4323	1.700	ug/l	87

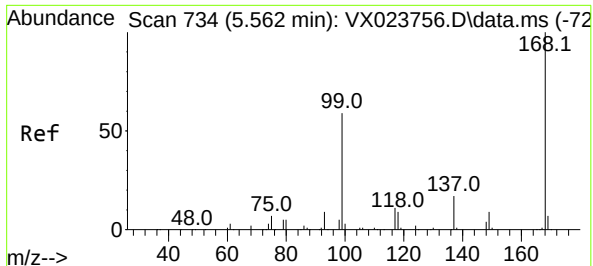
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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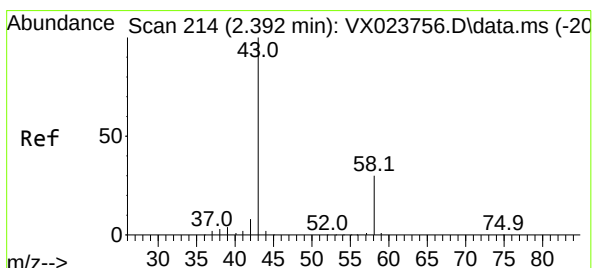
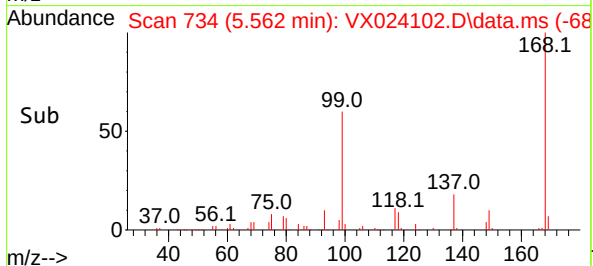
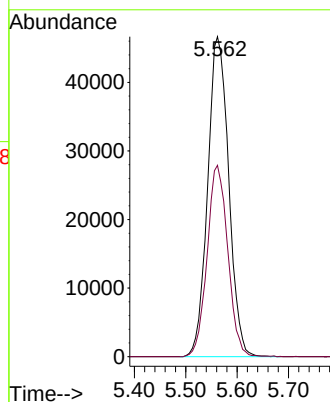
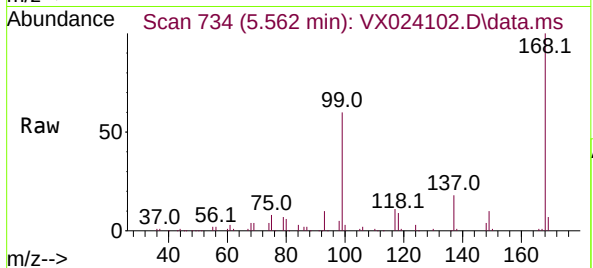




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

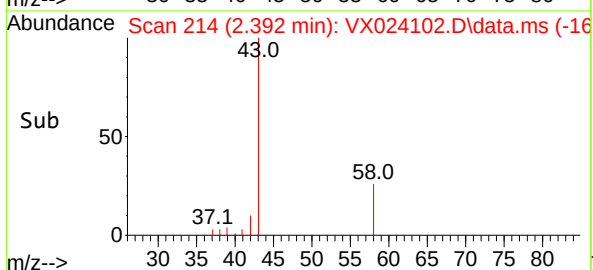
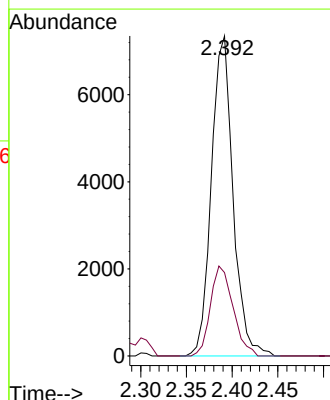
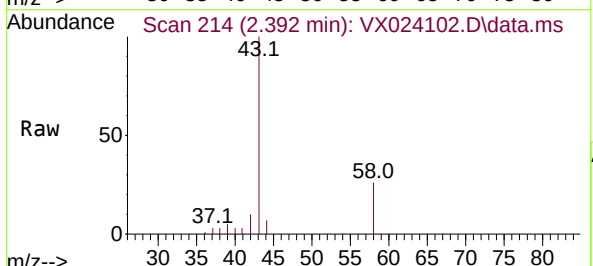
Instrument :
MSVOA_X
ClientSampled :
OF-3

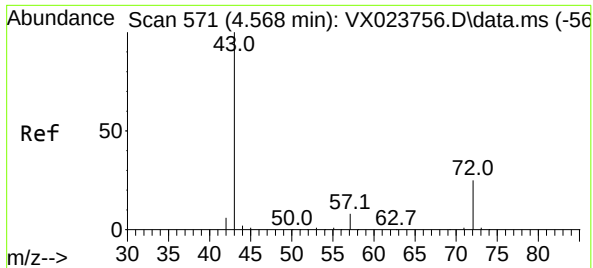
Tgt Ion:168 Resp: 132525
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#16
Acetone
Concen: 14.647 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 43 Resp: 12113
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#

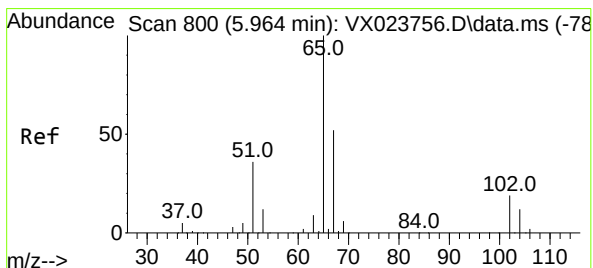
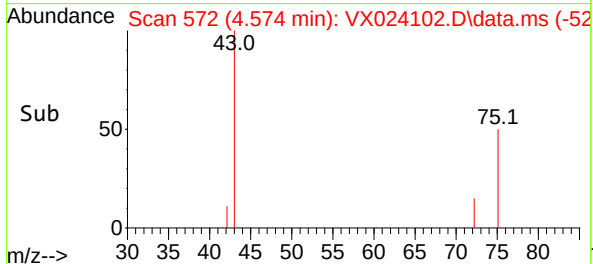
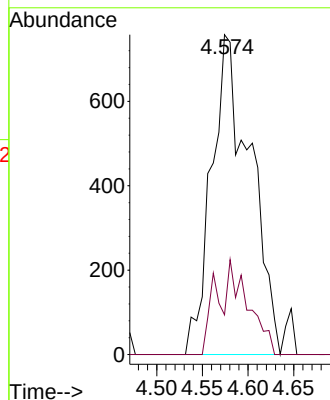
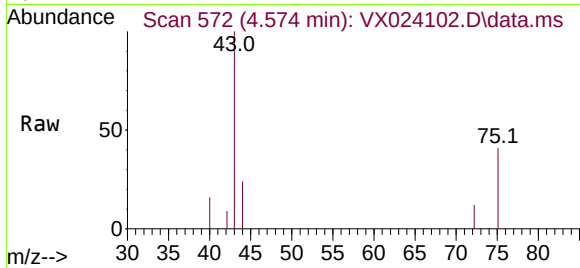




#25
2-Butanone
Concen: 1.786 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

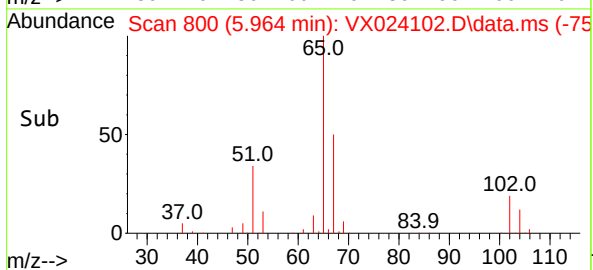
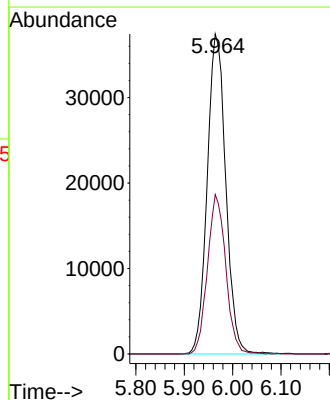
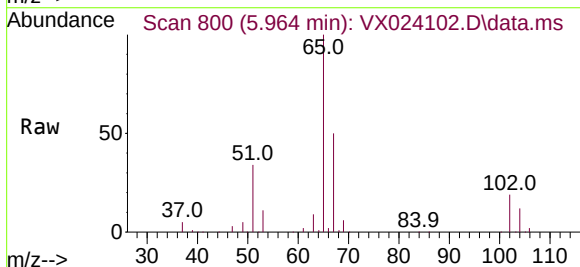
Instrument :
MSVOA_X
ClientSampled :
OF-3

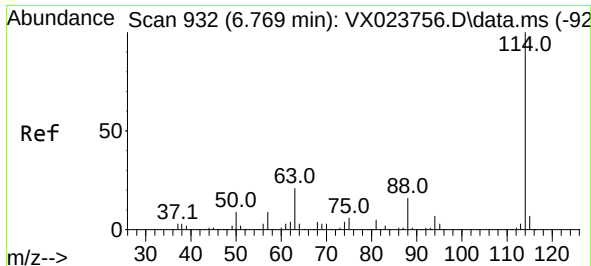
Tgt Ion: 43 Resp: 2237
Ion Ratio Lower Upper
43 100
72 12.4 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 53.996 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 65 Resp: 99872
Ion Ratio Lower Upper
65 100
67 49.1 0.0 105.4

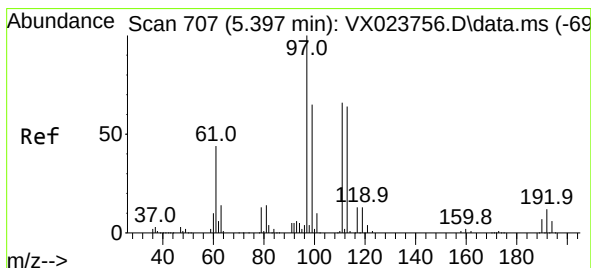
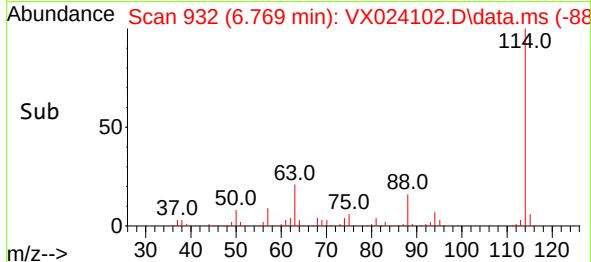
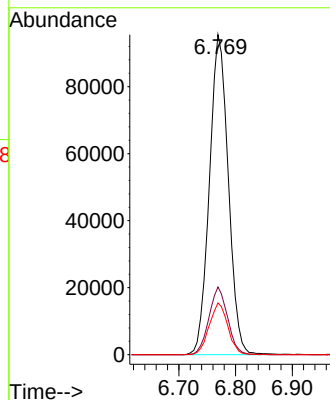
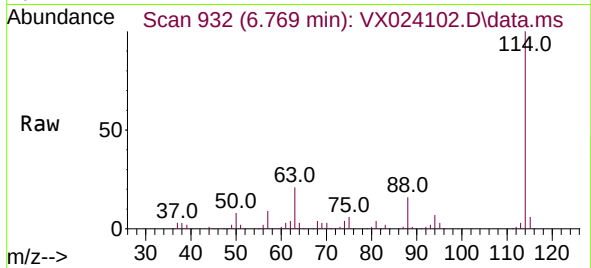




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

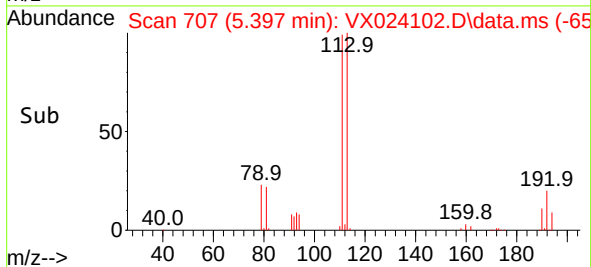
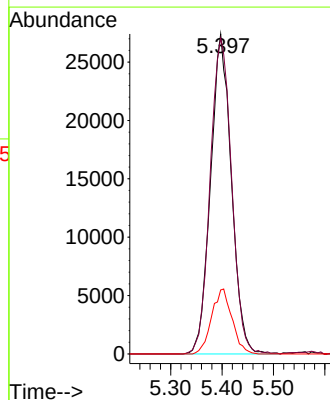
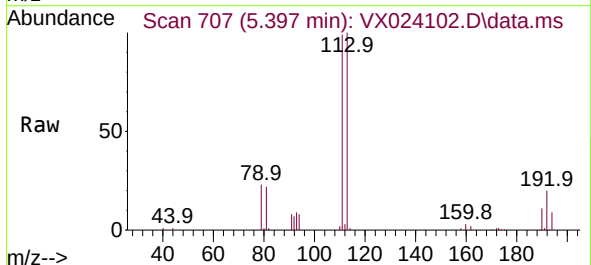
Instrument :
MSVOA_X
ClientSampleId :
OF-3

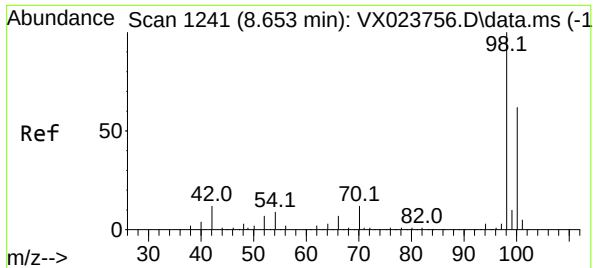
Tgt Ion:114 Resp: 220888
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.585 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion:113 Resp: 76879
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.9 16.7 25.1

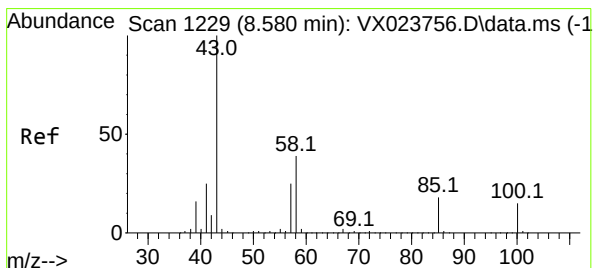
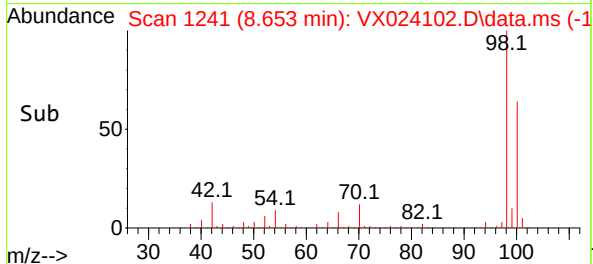
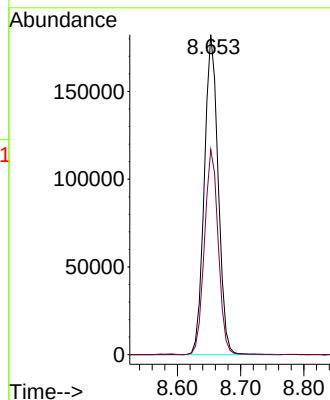
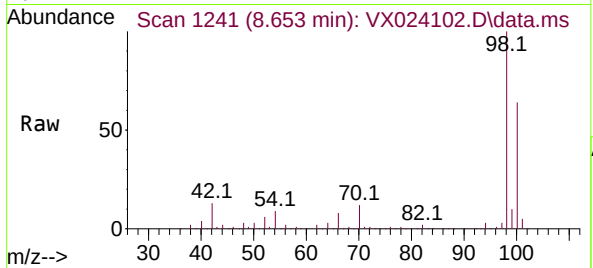




#50
Toluene-d8
Concen: 50.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

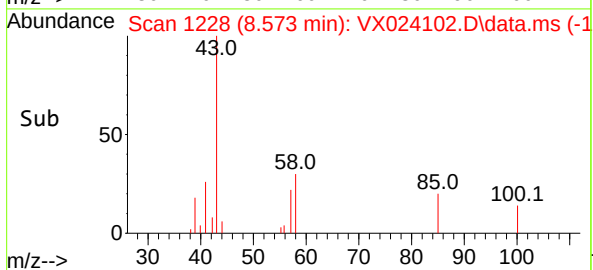
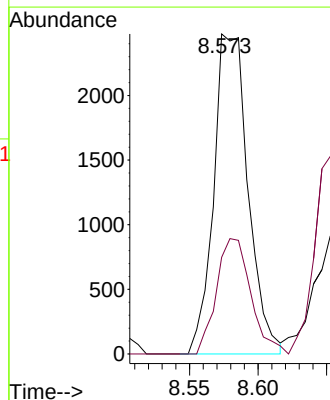
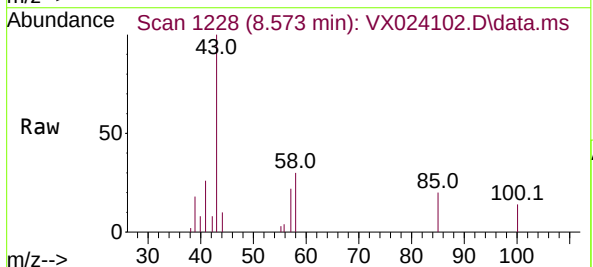
Instrument :
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ClientSampled :
OF-3

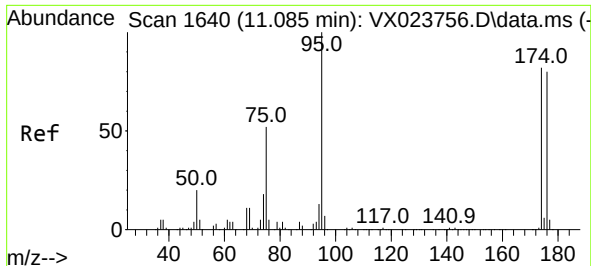
Tgt Ion: 98 Resp: 278338
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.700 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.007 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 43 Resp: 4323
Ion Ratio Lower Upper
43 100
58 36.0 35.4 53.0

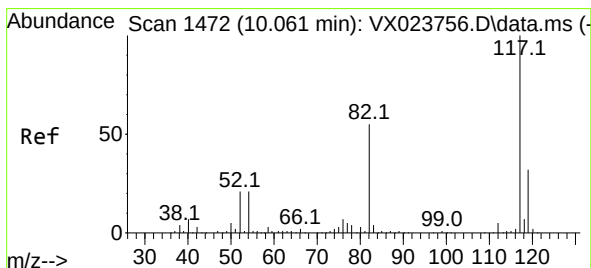
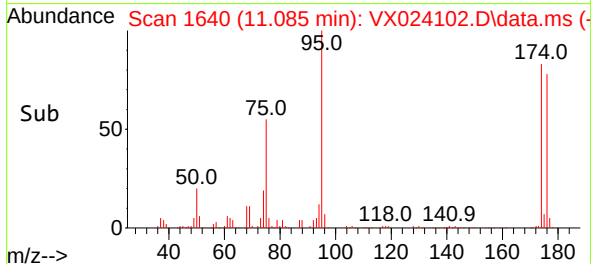
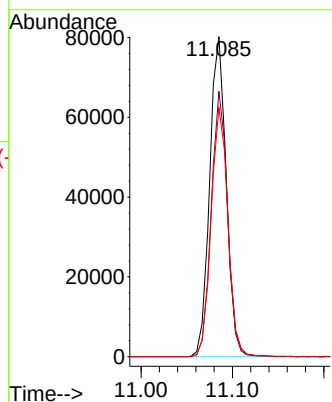
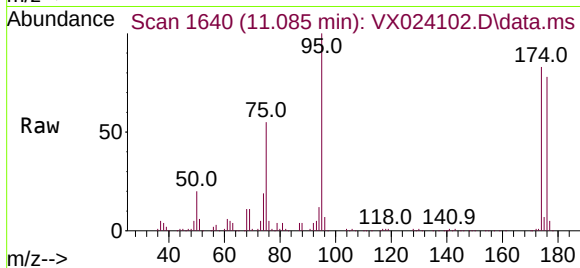




#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

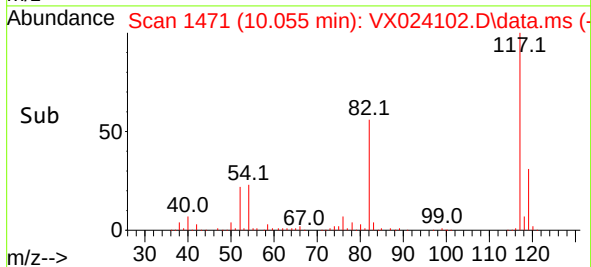
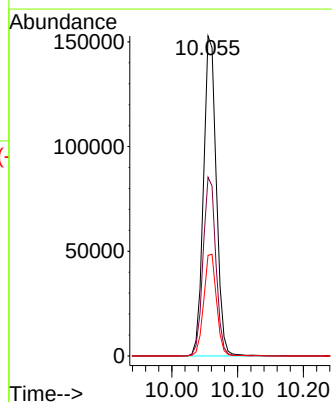
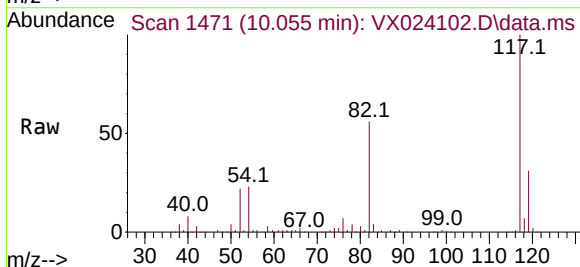
Instrument :
MSVOA_X
ClientSampled :
OF-3

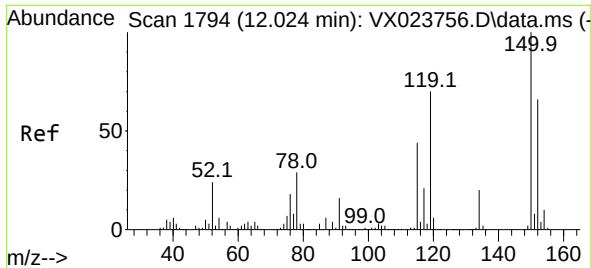
Tgt Ion: 95 Resp: 100617
Ion Ratio Lower Upper
95 100
174 82.2 0.0 154.6
176 78.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024102.D
Acq: 03 Sep 2021 15:05

Tgt Ion: 117 Resp: 207429
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.4 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024102.D
 Acq: 03 Sep 2021 15:05

Instrument :
 MSVOA_X
 ClientSampled :
 OF-3

Tgt Ion:152 Resp: 90375
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 156.2 0.0 349.0

