

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023571.D
 Acq On : 05 Aug 2021 14:39
 Operator : JC/MD
 Sample : M3297-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24

Quant Time: Aug 06 03:23:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

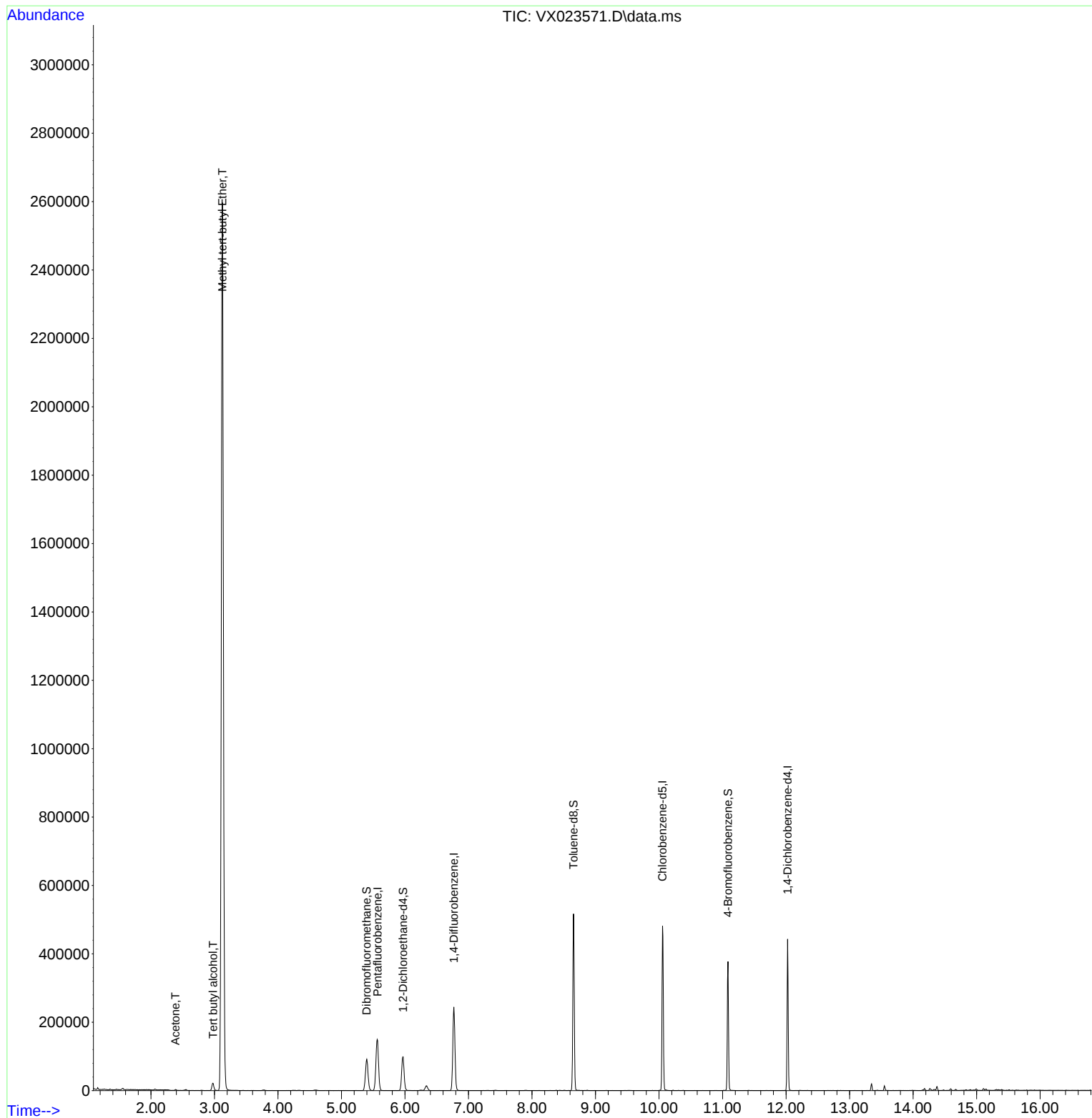
Internal Standards						
1) Pentafluorobenzene	5.568	168	145219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	96084	53.042	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.080%
35) Dibromofluoromethane	5.397	113	77403	51.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	8.653	98	293260	52.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.220%
62) 4-Bromofluorobenzene	11.085	95	94404	49.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.620%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	23810	57.538	ug/l #	73
16) Acetone	2.386	43	2618	2.946	ug/l #	87
19) Methyl tert-butyl Ether	3.123	73	2806494	565.676	ug/l	98

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

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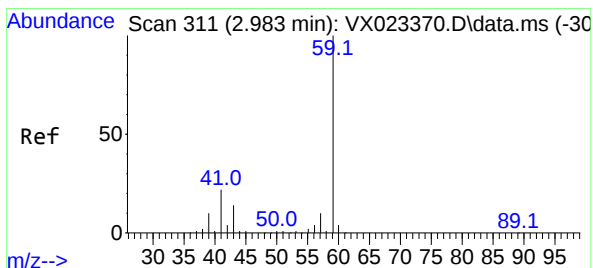
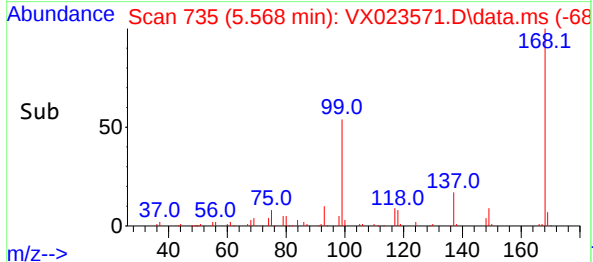
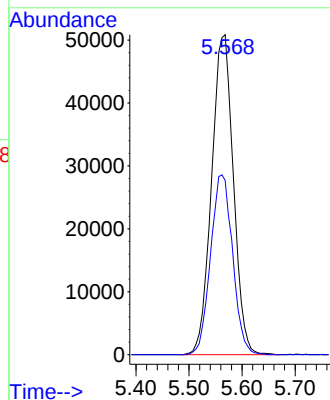
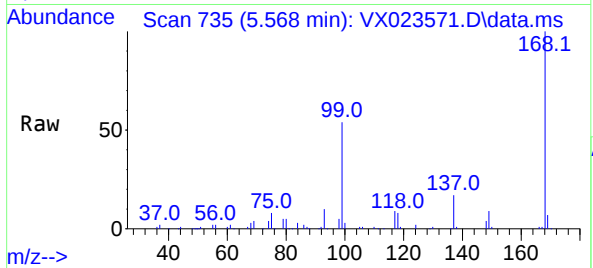




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

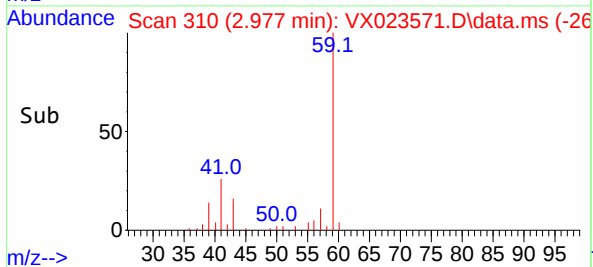
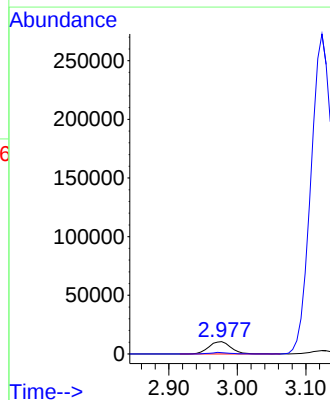
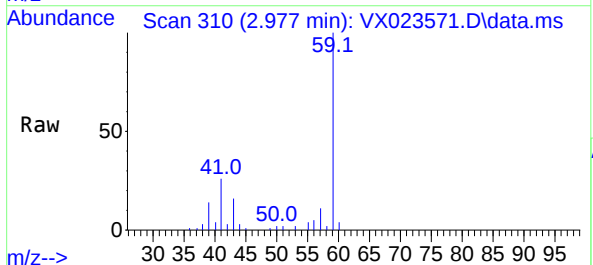
Instrument :
MSVOA_X
ClientSampleId :
123-24

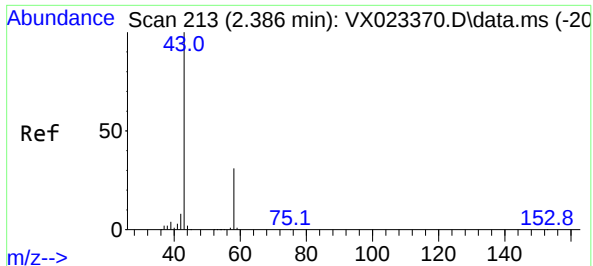
Tgt Ion:168 Resp: 145219
Ion Ratio Lower Upper
168 100
99 54.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 57.538 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Tgt Ion: 59 Resp: 23810
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

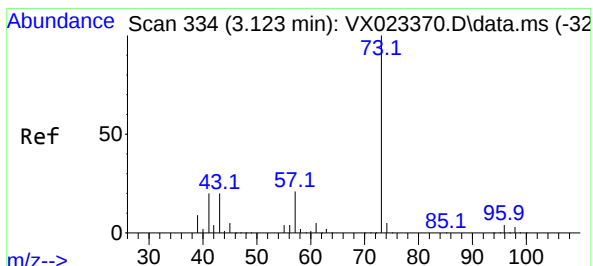
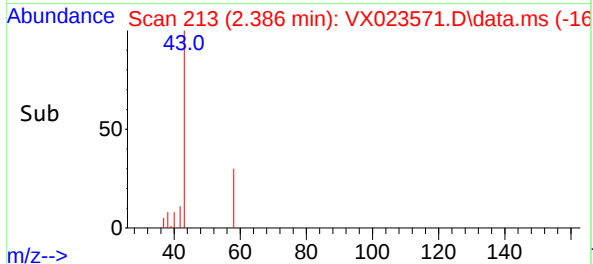
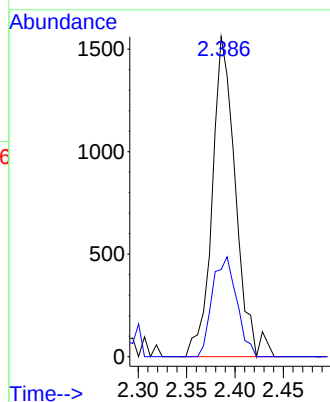
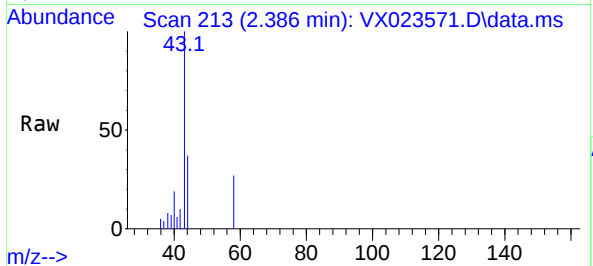




#16
Acetone
Concen: 2.946 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

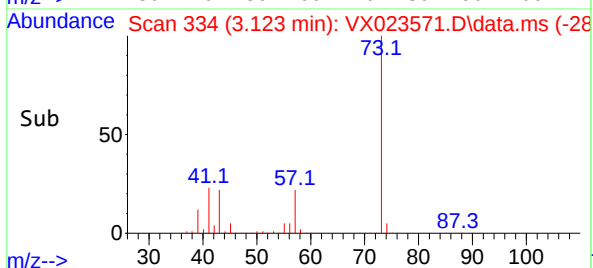
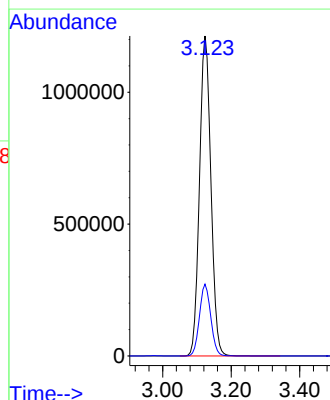
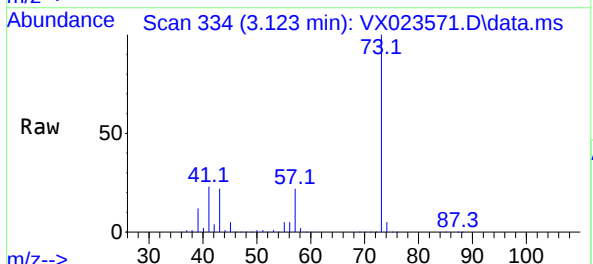
Instrument :
MSVOA_X
ClientSampleId :
123-24

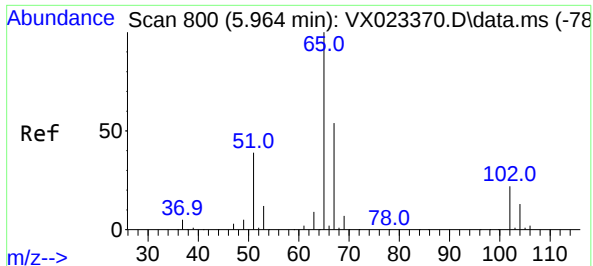
Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 565.676 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Tgt Ion: 73 Resp: 2806494
Ion Ratio Lower Upper
73 100
57 22.5 17.1 25.7



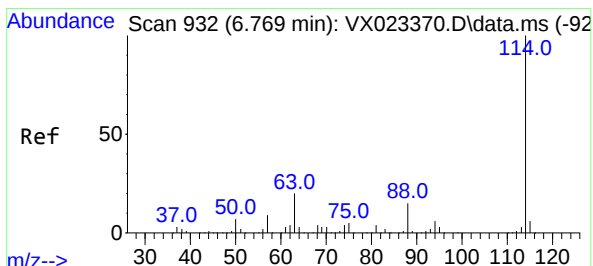
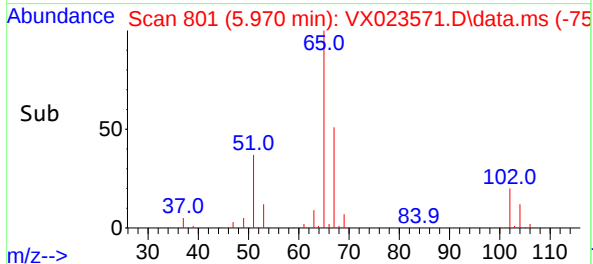
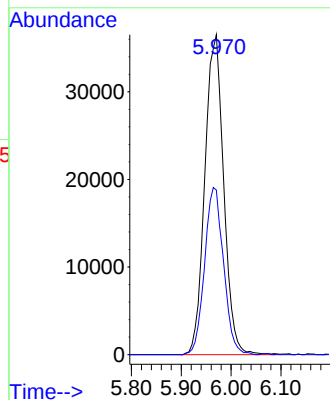
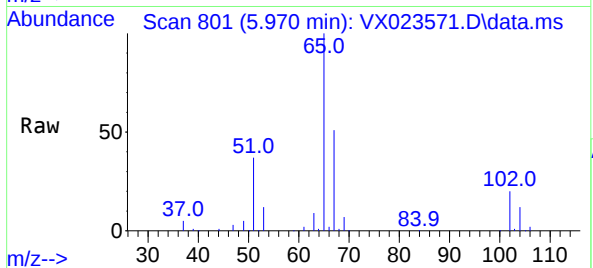


#33

1,2-Dichloroethane-d4
Concen: 53.042 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Instrument :
MSVOA_X
ClientSampled :
123-24

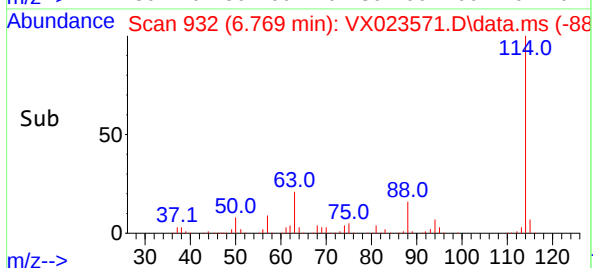
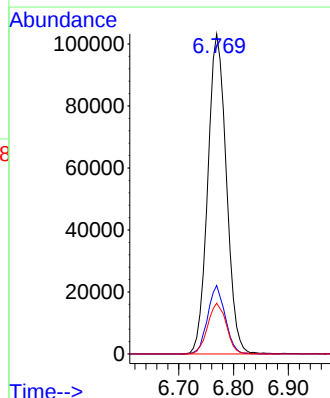
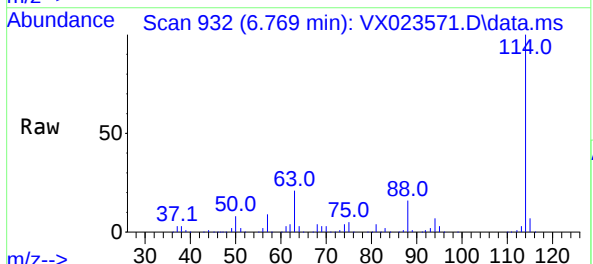
Tgt Ion: 65 Resp: 96084
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

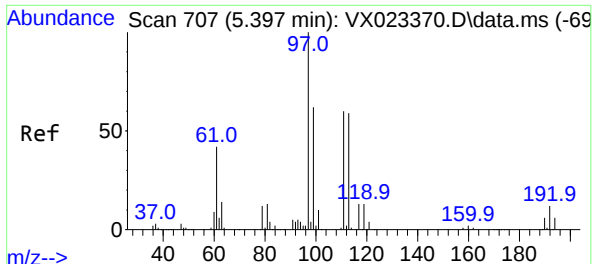


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Tgt Ion: 114 Resp: 242652
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 15.9 0.0 32.8

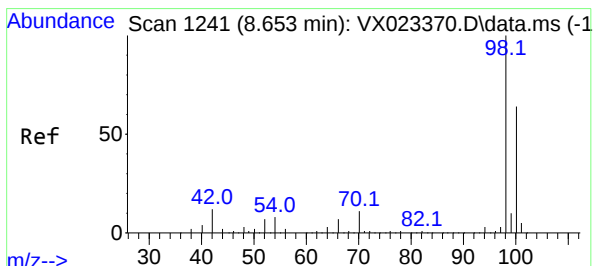
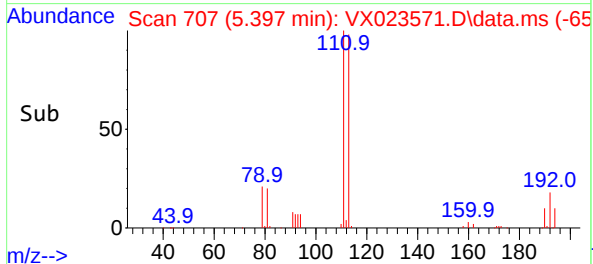
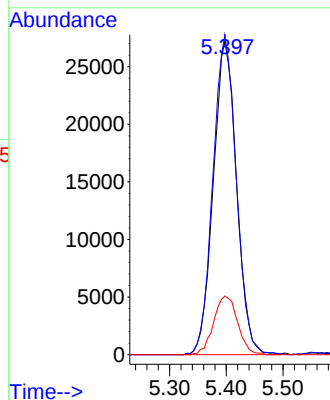
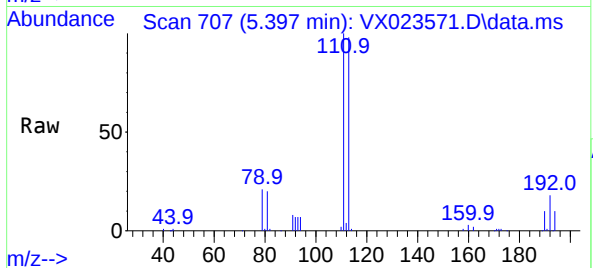




#35
Dibromofluoromethane
Concen: 51.018 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

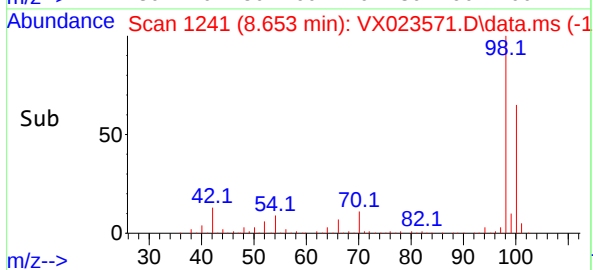
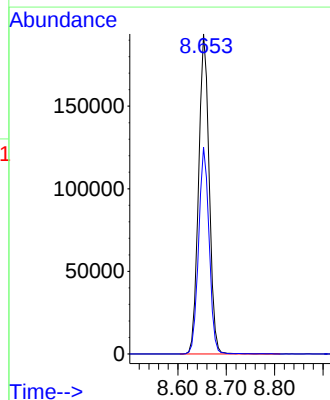
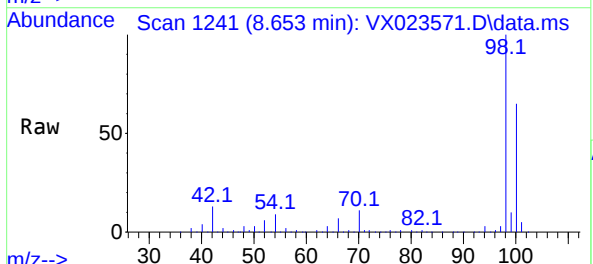
Instrument :
MSVOA_X
ClientSampleId :
123-24

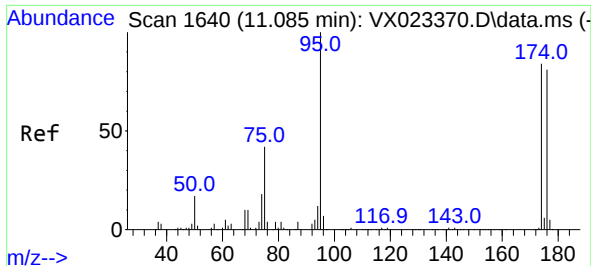
Tgt Ion:113 Resp: 77403
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.3 16.7 25.1



#50
Toluene-d8
Concen: 52.611 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Tgt Ion: 98 Resp: 293260
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

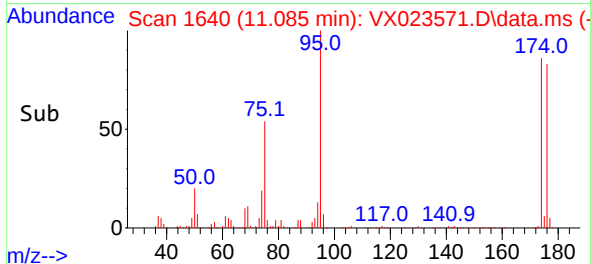
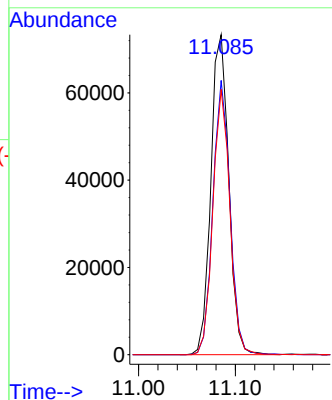
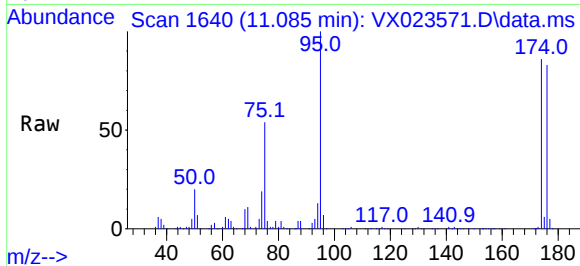




#62
4-Bromofluorobenzene
Concen: 49.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

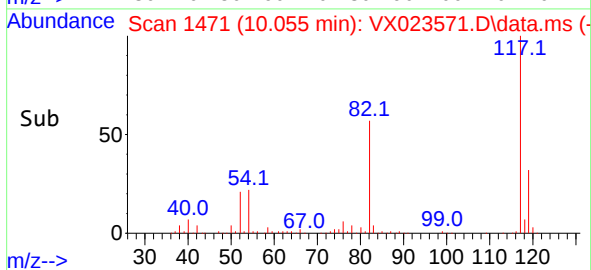
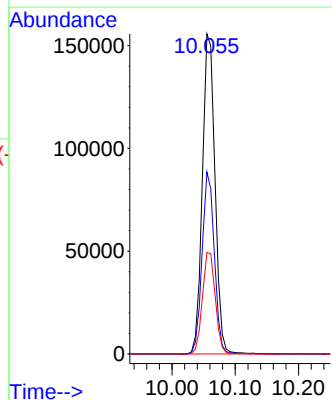
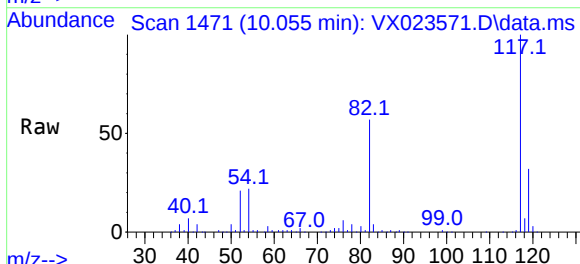
Instrument :
MSVOA_X
ClientSampled :
123-24

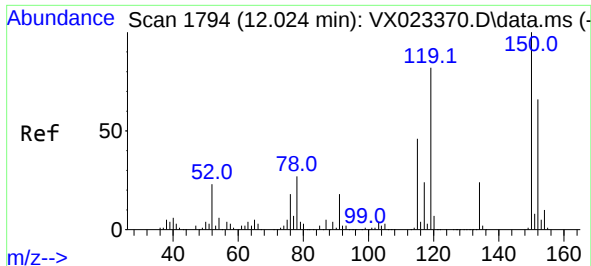
Tgt Ion: 95 Resp: 94404
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 78.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023571.D
Acq: 05 Aug 2021 14:39

Tgt Ion: 117 Resp: 216920
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.7 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: VX023571.D
 Acq: 05 Aug 2021 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 123-24

Tgt Ion:152 Resp: 85772
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 156.4 0.0 349.0

