

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045768.D
 Acq On : 14 Apr 2025 15:12
 Operator : JC/MD
 Sample : Q1771-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6C

Quant Time: Apr 15 01:29:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

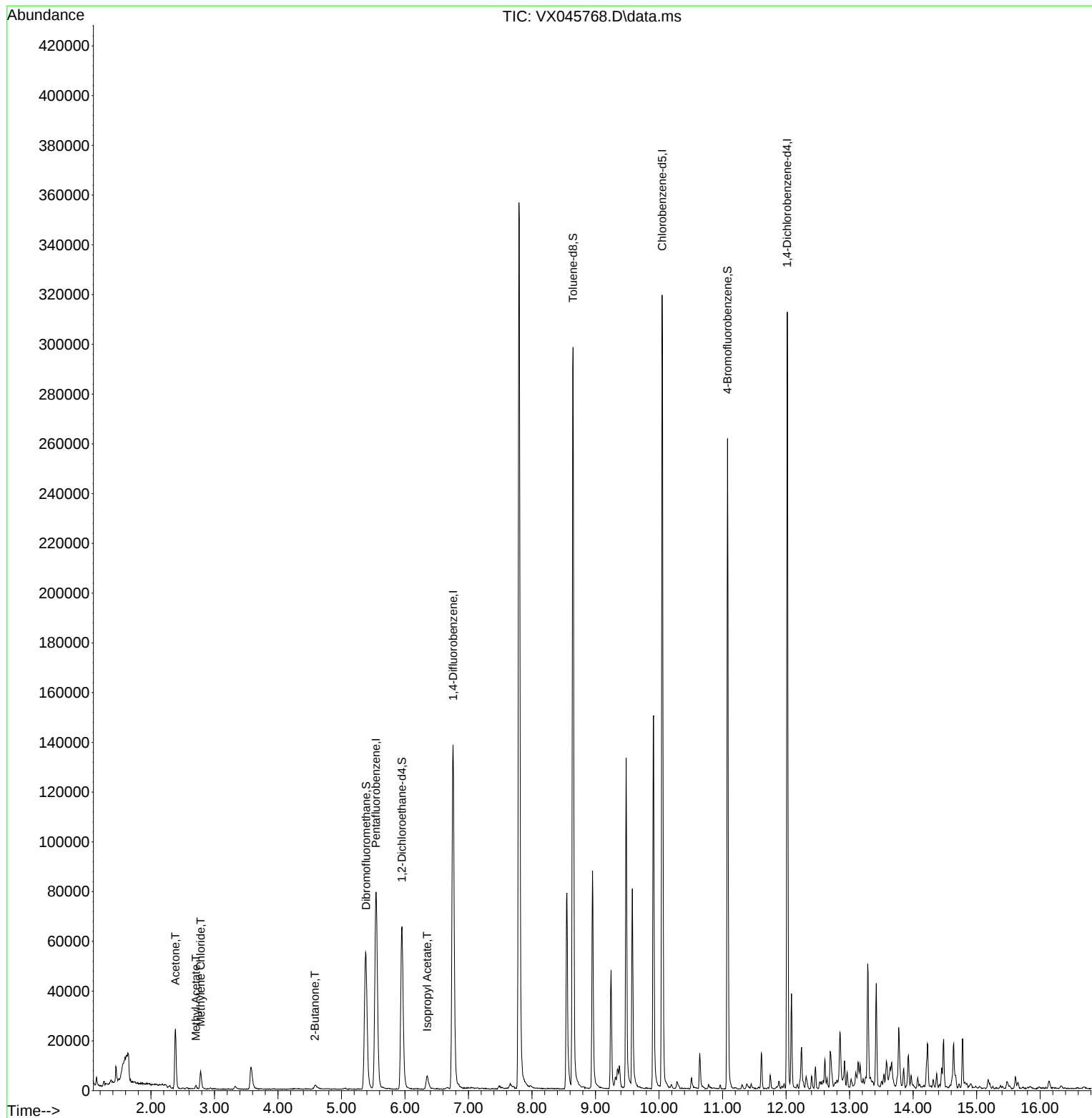
Internal Standards						
1) Pentafluorobenzene	5.544	168	68783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68050	54.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.200%	
35) Dibromofluoromethane	5.385	113	48552	50.644	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.280%	
50) Toluene-d8	8.647	98	172726	51.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	11.079	95	67752	55.586	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.180%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	27317	52.887	ug/l	100
18) Methyl Acetate	2.709	43	1825	1.535	ug/l #	85
20) Methylene Chloride	2.782	84	3124	3.231	ug/l	85
25) 2-Butanone	4.580	43	4252	5.624	ug/l #	84
43) Isopropyl Acetate	6.348	43	7783	3.148	ug/l	98

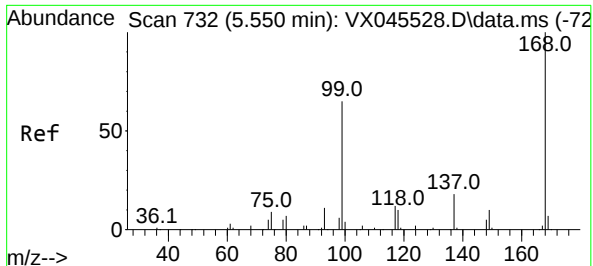
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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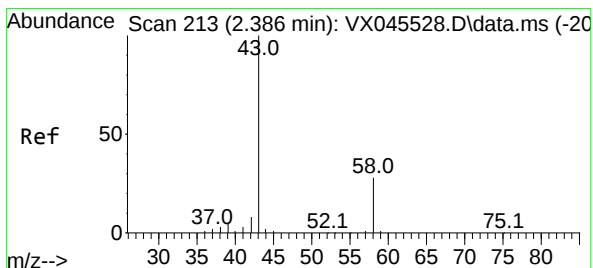
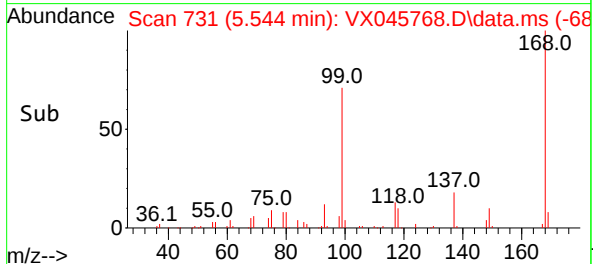
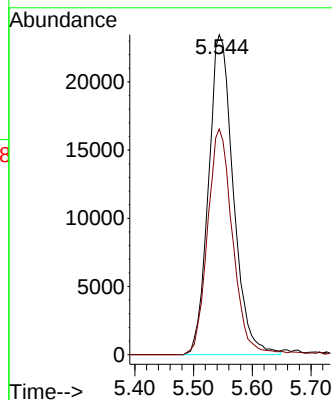
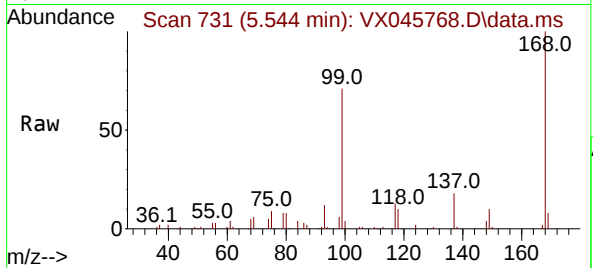




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

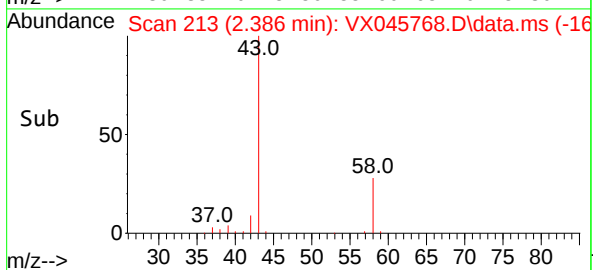
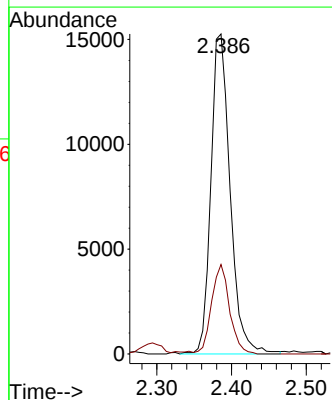
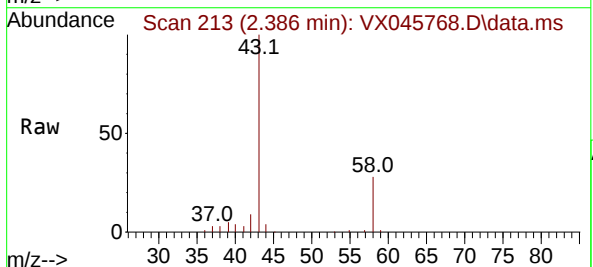
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

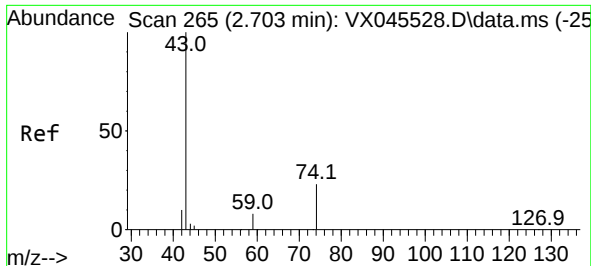
Tgt Ion:168 Resp: 68783
Ion Ratio Lower Upper
168 100
99 70.6 52.3 78.5



#16
Acetone
Concen: 52.887 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

Tgt Ion: 43 Resp: 27317
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

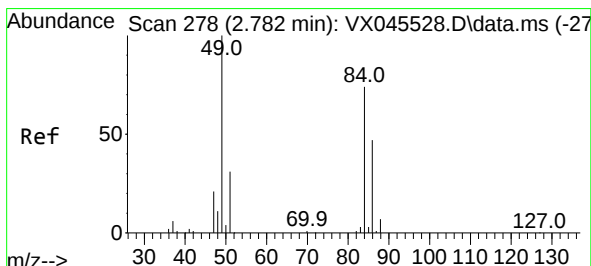
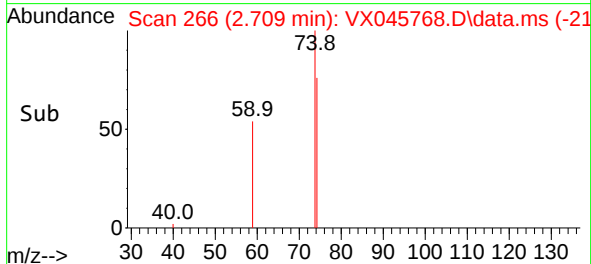
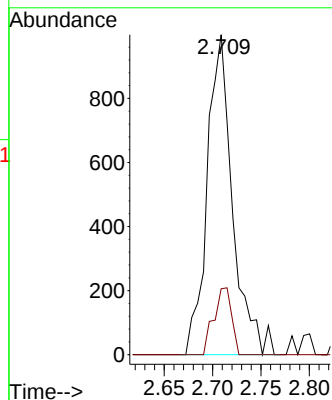
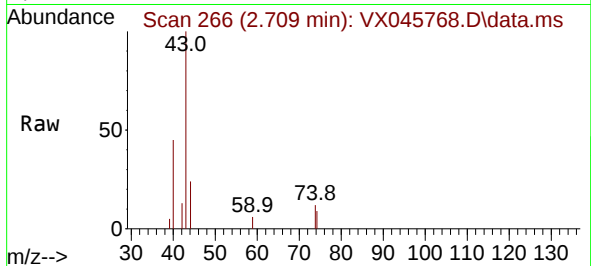




#18
Methyl Acetate
Concen: 1.535 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

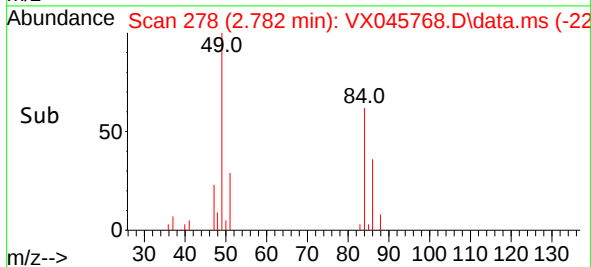
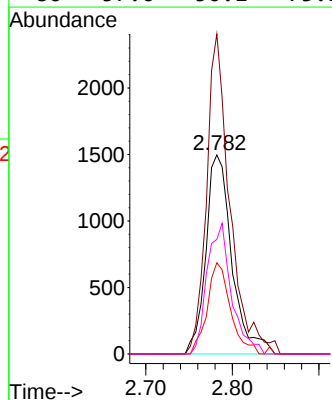
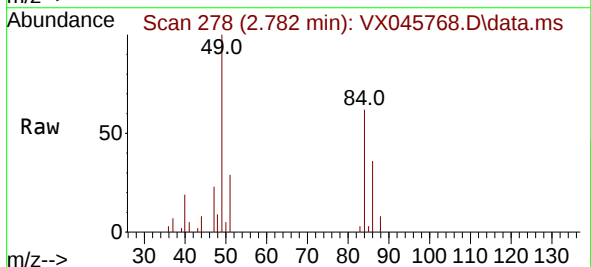
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
74 14.6 17.5 26.3#



#20
Methylene Chloride
Concen: 3.231 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

Tgt Ion: 84 Resp: 3124
Ion Ratio Lower Upper
84 100
49 160.7 107.5 161.3
51 45.8 33.0 49.6
86 57.6 50.1 75.1

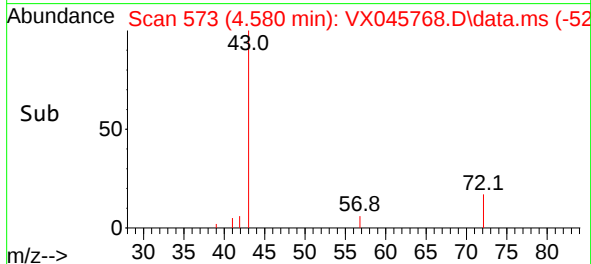
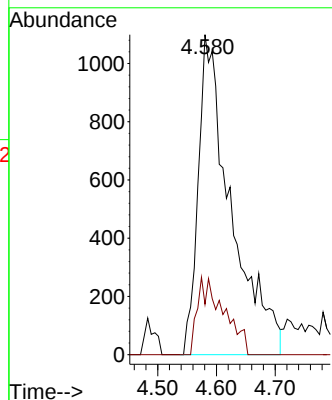
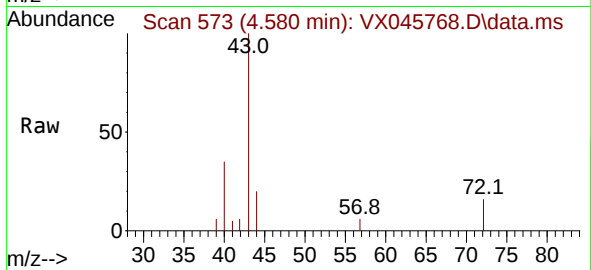




#25
2-Butanone
Concen: 5.624 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

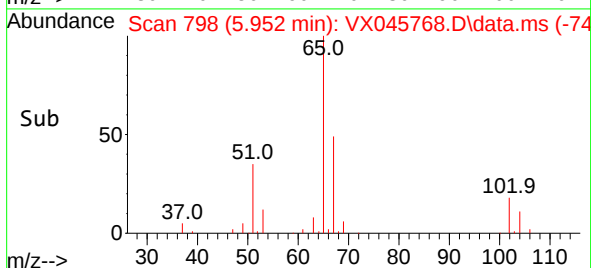
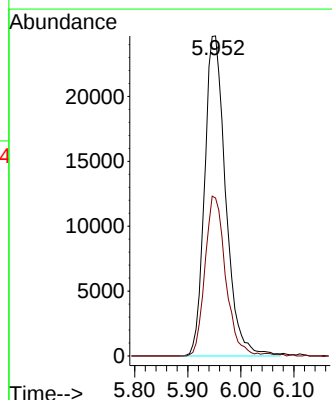
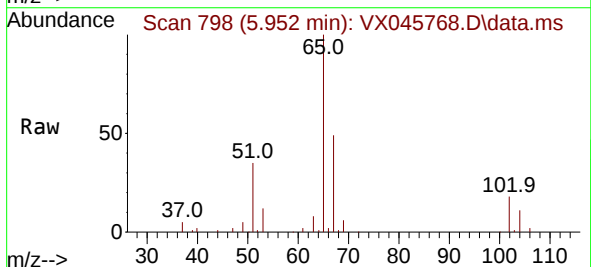
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

Tgt Ion: 43 Resp: 4252
Ion Ratio Lower Upper
43 100
72 15.7 18.6 28.0#



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

Tgt Ion: 65 Resp: 68050
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

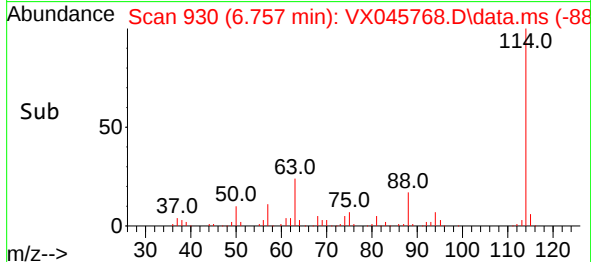
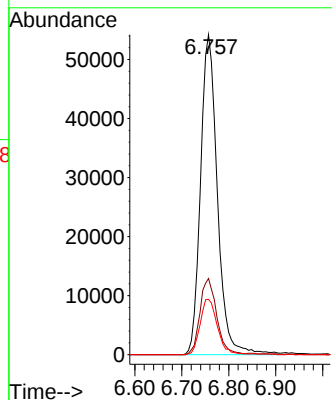
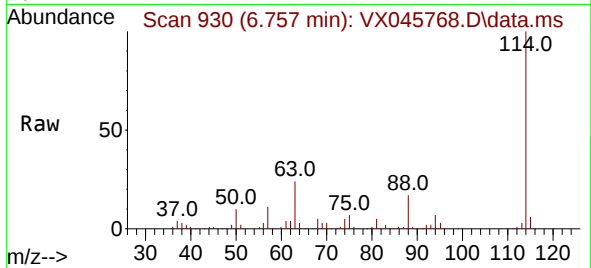




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

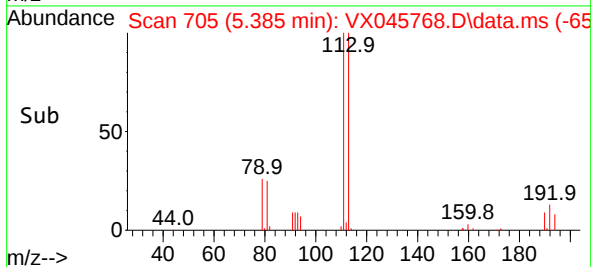
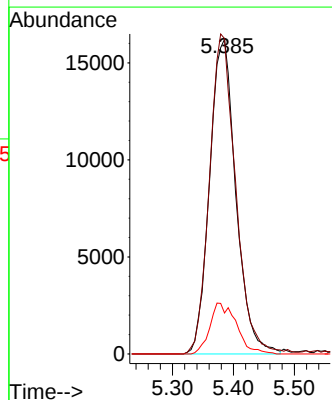
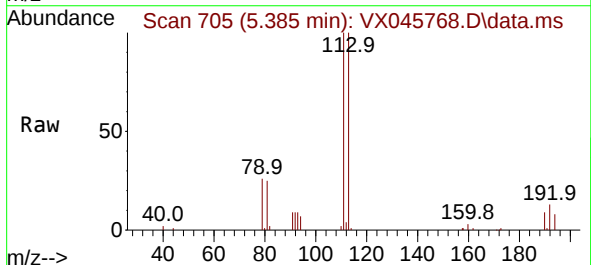
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

Tgt Ion:114 Resp: 135123
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.8
88 17.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.644 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

Tgt Ion:113 Resp: 48552
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.5 13.8 20.6

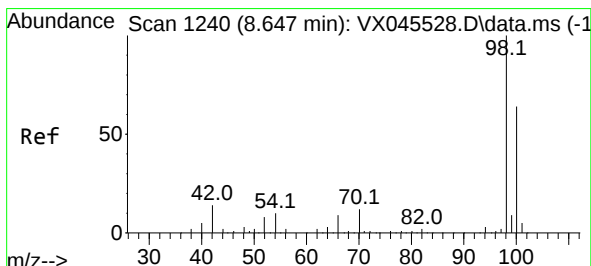
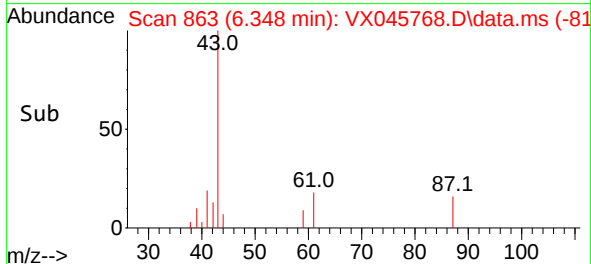
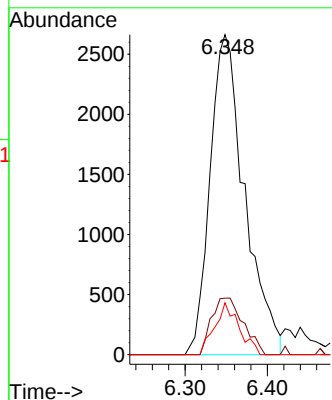
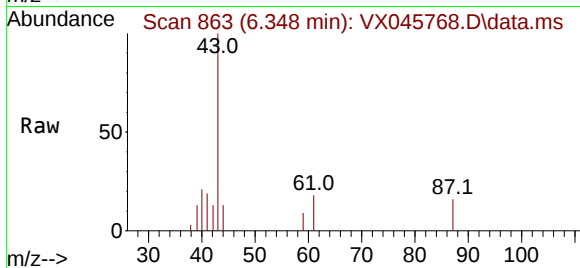




#43
Isopropyl Acetate
Concen: 3.148 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

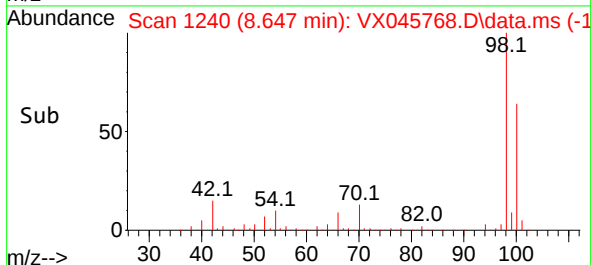
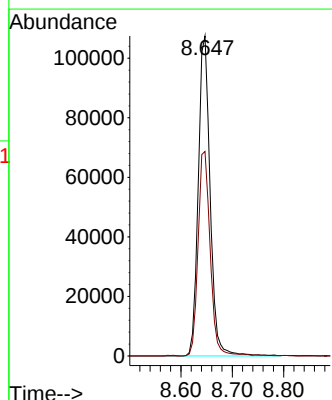
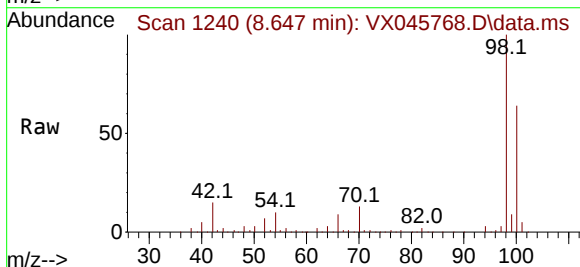
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

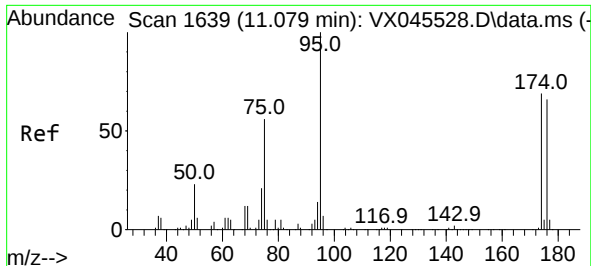
Tgt Ion: 43 Resp: 7783
Ion Ratio Lower Upper
43 100
61 16.3 14.1 21.1
87 11.4 9.2 13.8



#50
Toluene-d8
Concen: 51.618 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

Tgt Ion: 98 Resp: 172726
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4

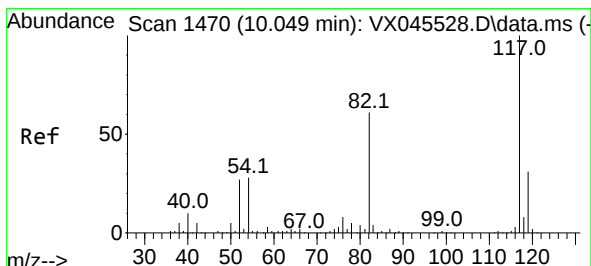
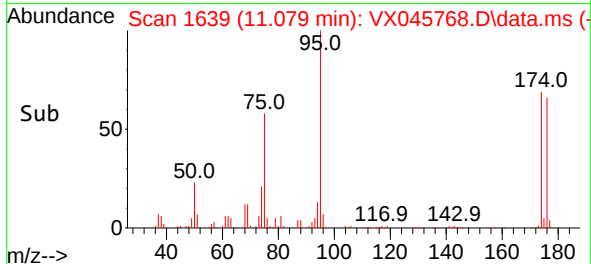
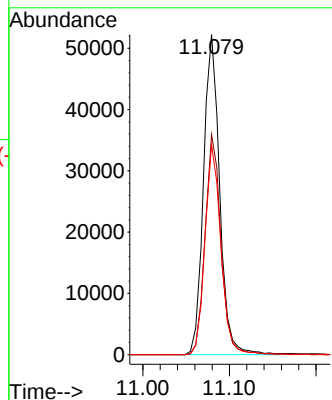
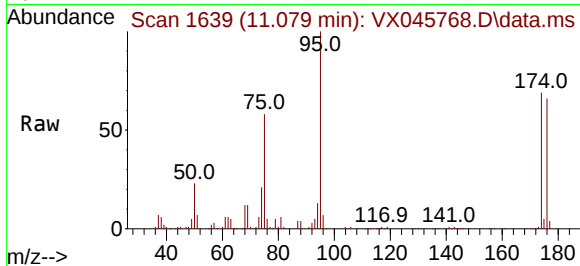




#62
4-Bromofluorobenzene
Concen: 55.586 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

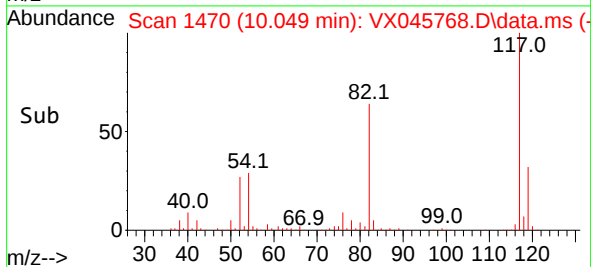
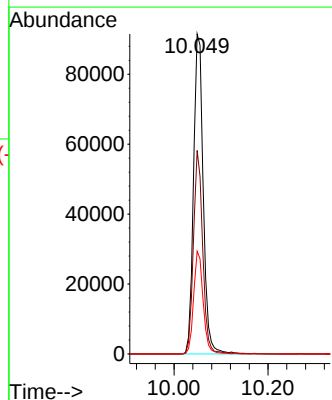
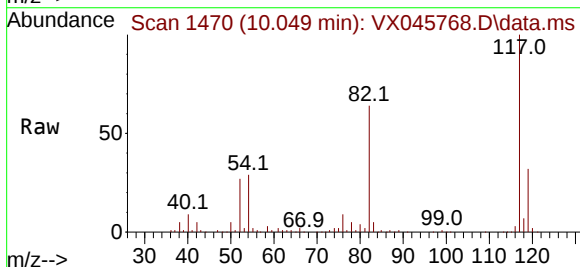
Instrument :
MSVOA_X
ClientSampleId :
TP-6C

Tgt Ion: 95 Resp: 67752
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045768.D
Acq: 14 Apr 2025 15:12

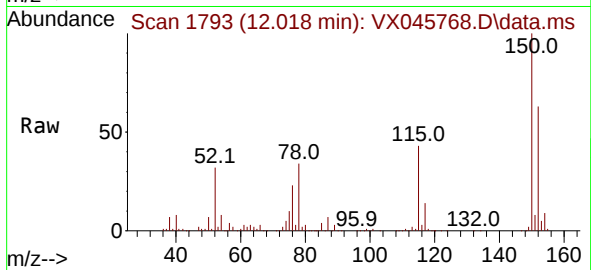
Tgt Ion: 117 Resp: 132172
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045768.D
 Acq: 14 Apr 2025 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6C



Tgt Ion:152 Resp: 56416
 Ion Ratio Lower Upper
 152 100
 115 67.0 46.9 140.7
 150 159.7 0.0 349.4

