

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045709.D
 Acq On : 10 Apr 2025 19:15
 Operator : JC/MD
 Sample : Q1749-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Quant Time: Apr 11 02:02:49 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)

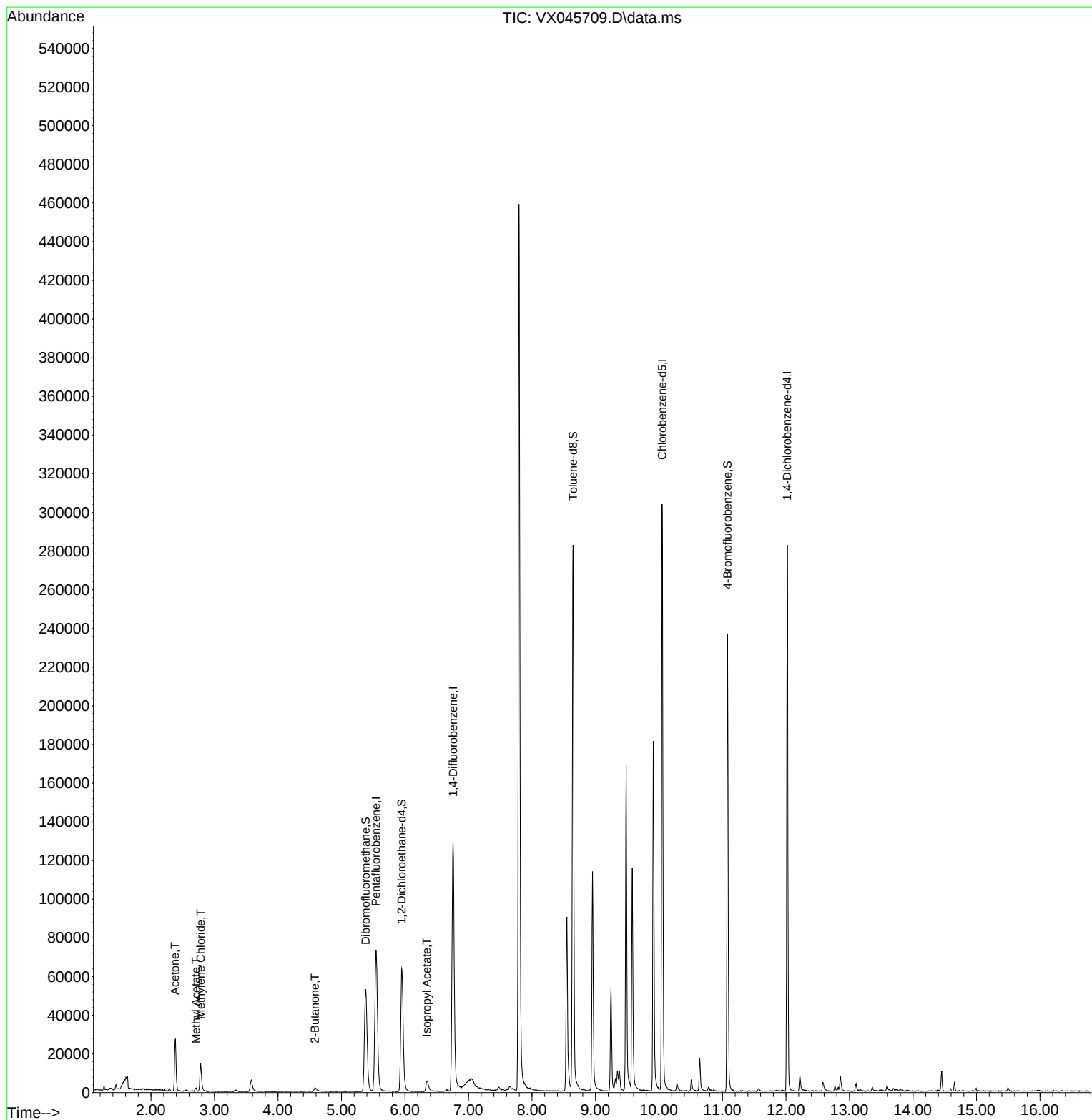
Internal Standards						
1) Pentafluorobenzene	5.544	168	63143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66034	57.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.380%
35) Dibromofluoromethane	5.379	113	46417	51.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	8.647	98	164578	52.514	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	11.079	95	61661	54.015	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.040%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	29931	63.124	ug/l	96
18) Methyl Acetate	2.709	43	2502	2.292	ug/l	98
20) Methylene Chloride	2.782	84	6326	7.126	ug/l	97
25) 2-Butanone	4.581	43	4015	5.785	ug/l	97
43) Isopropyl Acetate	6.342	43	8668	3.743	ug/l	97

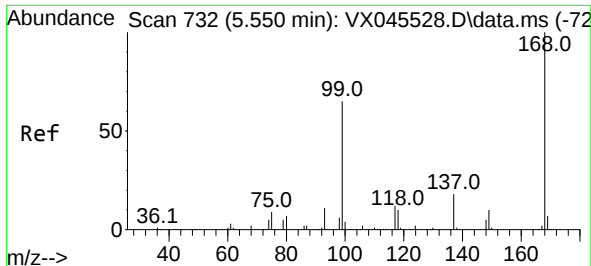
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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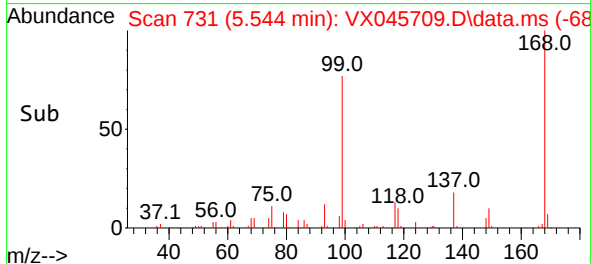
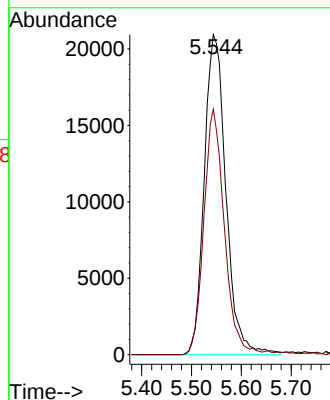
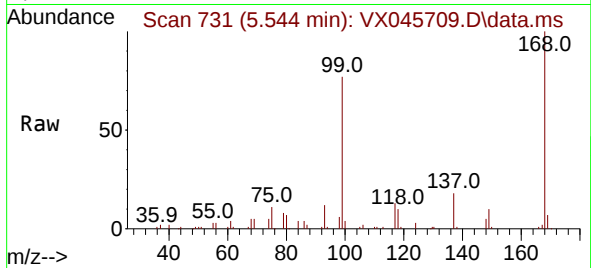




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

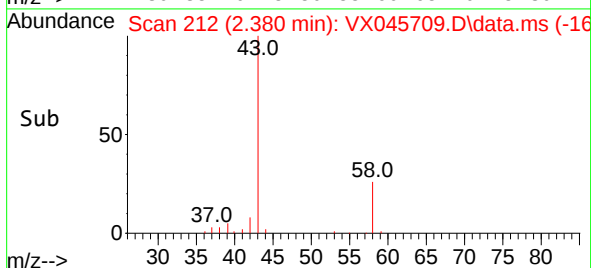
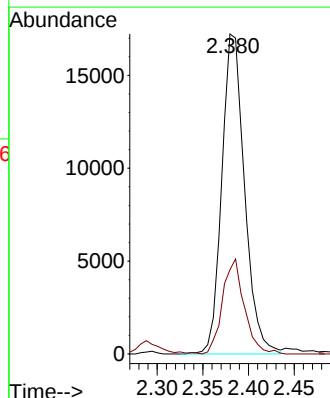
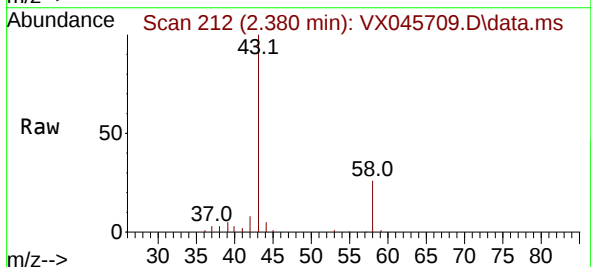
Instrument :
MSVOA_X
ClientSampleId :
TP-14

Tgt Ion:168 Resp: 63143
Ion Ratio Lower Upper
168 100
99 76.7 52.3 78.5



#16
Acetone
Concen: 63.124 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

Tgt Ion: 43 Resp: 29931
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5

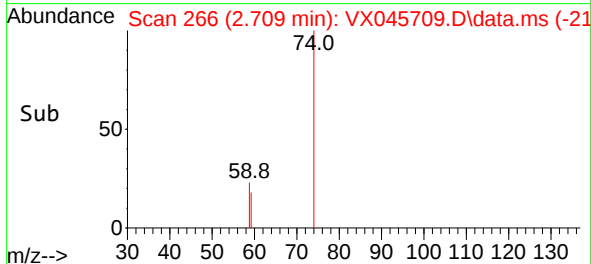
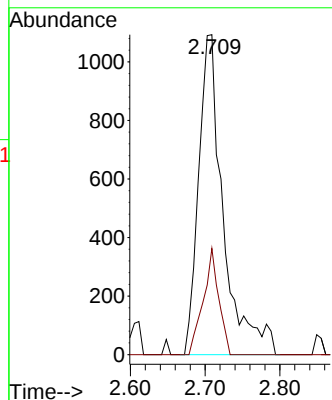
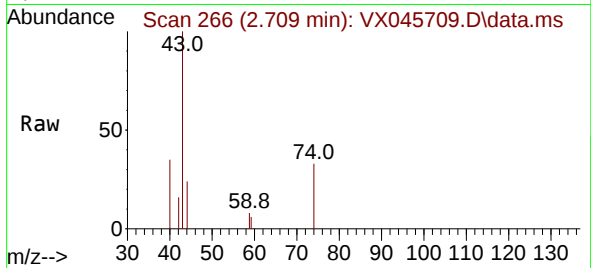




#18
Methyl Acetate
Concen: 2.292 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

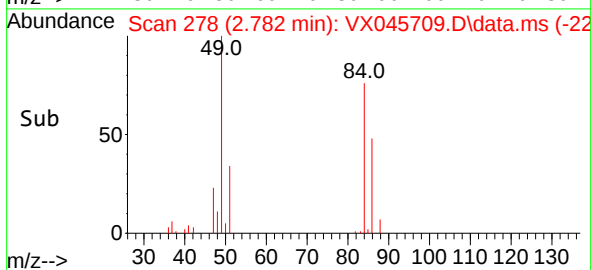
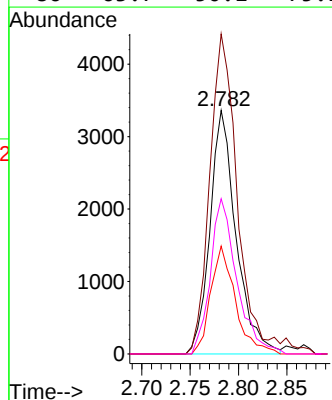
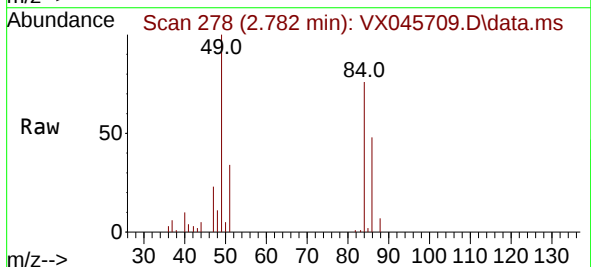
Instrument :
MSVOA_X
ClientSampleId :
TP-14

Tgt Ion: 43 Resp: 2502
Ion Ratio Lower Upper
43 100
74 20.9 17.5 26.3



#20
Methylene Chloride
Concen: 7.126 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

Tgt Ion: 84 Resp: 6326
Ion Ratio Lower Upper
84 100
49 131.4 107.5 161.3
51 44.3 33.0 49.6
86 63.7 50.1 75.1

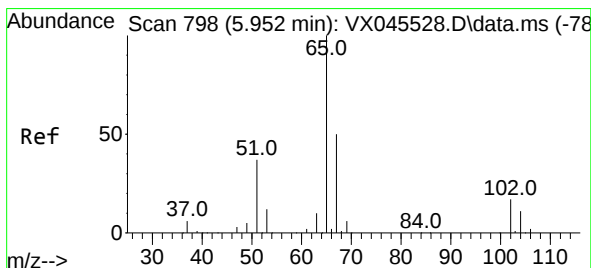
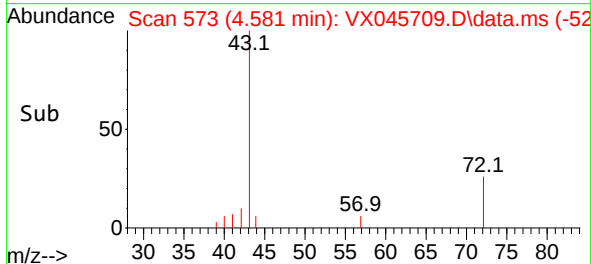
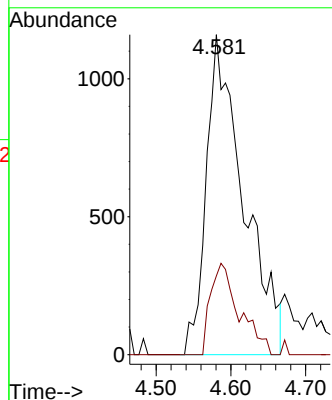
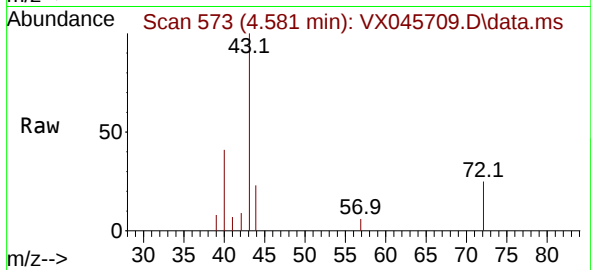




#25
2-Butanone
Concen: 5.785 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

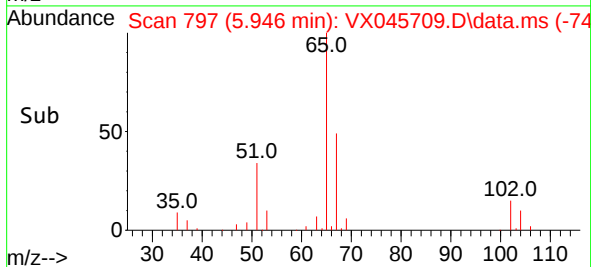
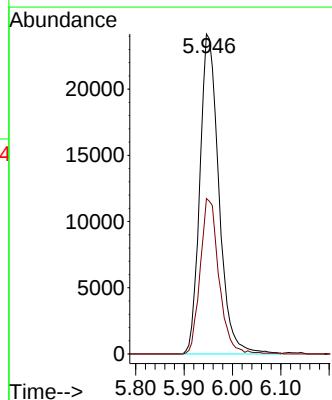
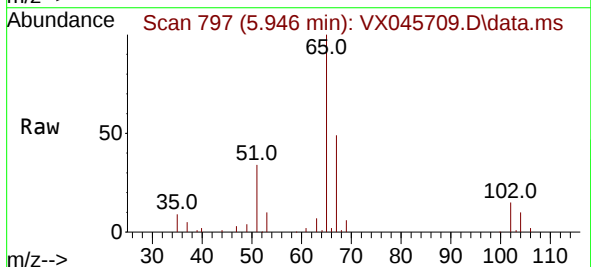
Instrument :
MSVOA_X
ClientSampleId :
TP-14

Tgt Ion: 43 Resp: 4015
Ion Ratio Lower Upper
43 100
72 24.6 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 57.186 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

Tgt Ion: 65 Resp: 66034
Ion Ratio Lower Upper
65 100
67 47.8 0.0 99.0

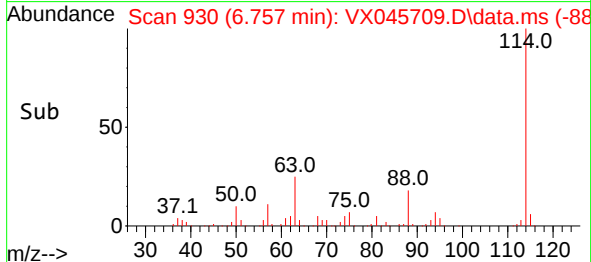
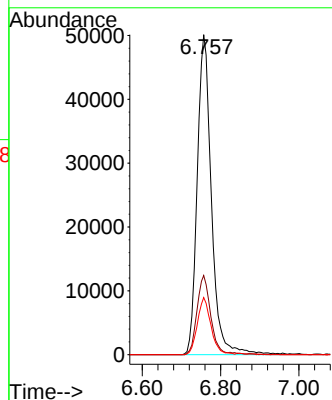
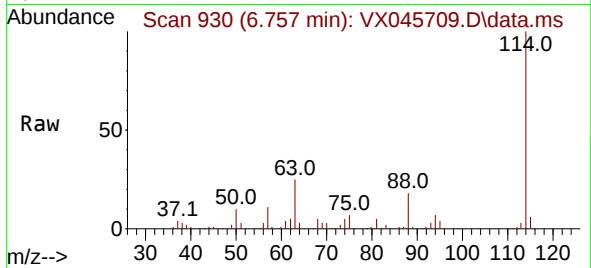




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX045709.D
 Acq: 10 Apr 2025 19:15

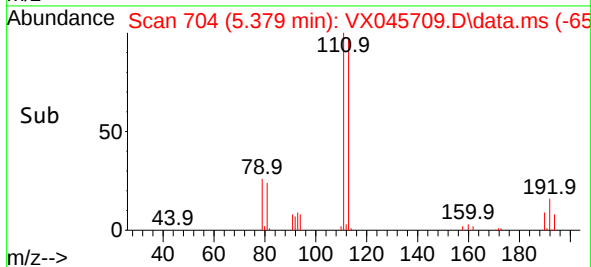
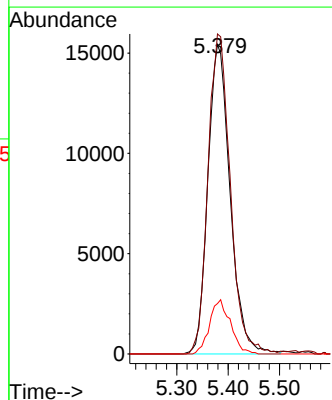
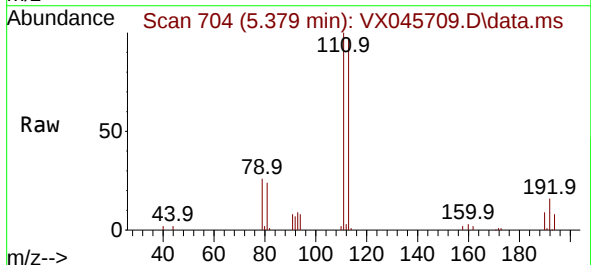
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Tgt Ion:114 Resp: 126552
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 46.8
 88 17.9 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. 0.000 min
 Lab File: VX045709.D
 Acq: 10 Apr 2025 19:15

Tgt Ion:113 Resp: 46417
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 16.5 13.8 20.6

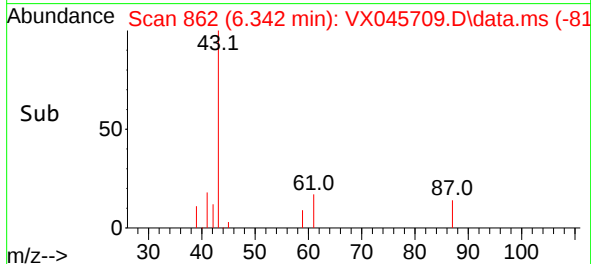
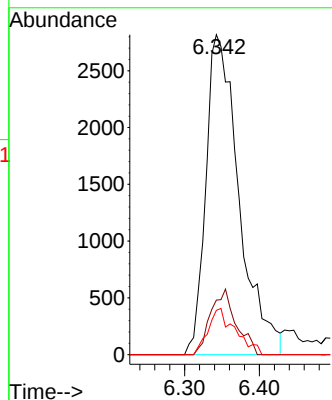
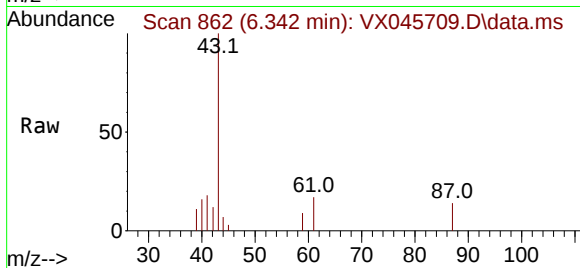




#43
Isopropyl Acetate
Concen: 3.743 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

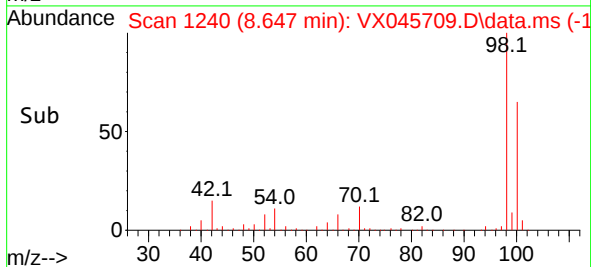
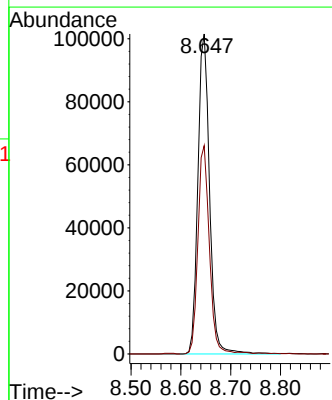
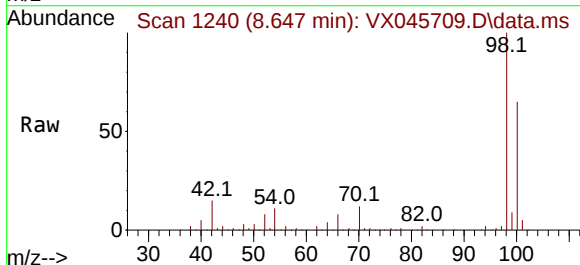
Instrument :
MSVOA_X
ClientSampleId :
TP-14

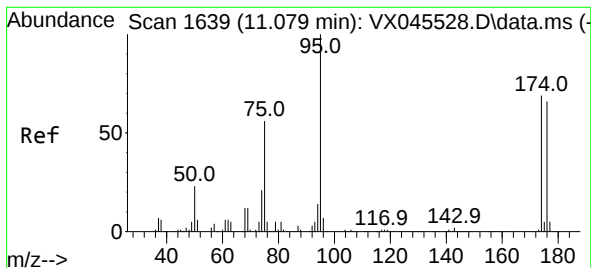
Tgt Ion: 43 Resp: 8668
Ion Ratio Lower Upper
43 100
61 15.8 14.1 21.1
87 11.8 9.2 13.8



#50
Toluene-d8
Concen: 52.514 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

Tgt Ion: 98 Resp: 164578
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4

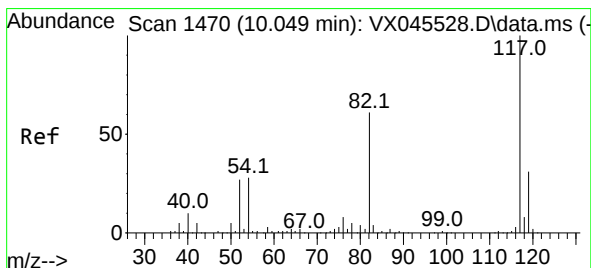
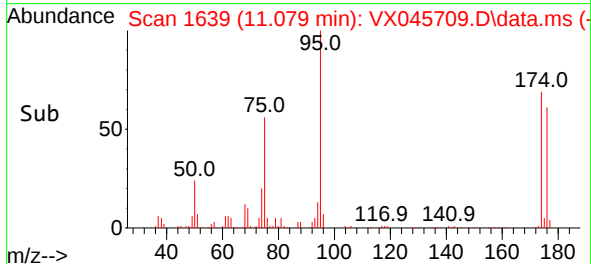
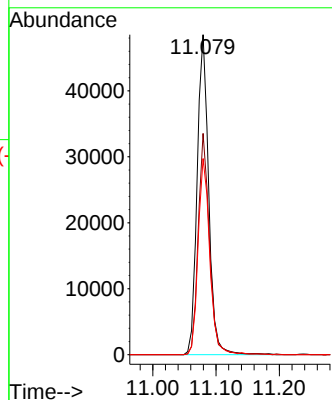
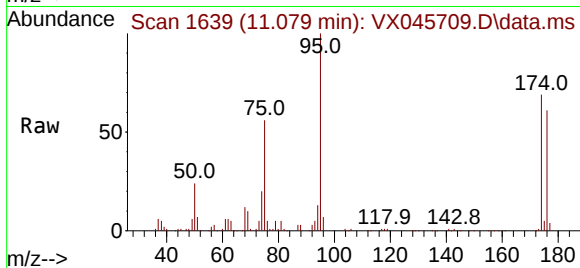




#62
4-Bromofluorobenzene
Concen: 54.015 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045709.D
Acq: 10 Apr 2025 19:15

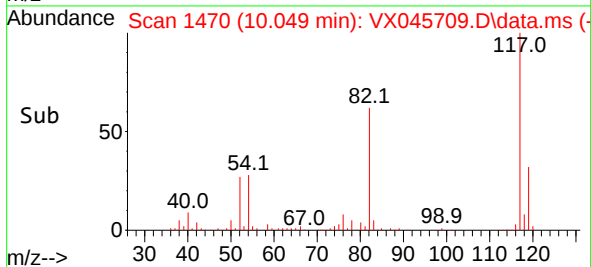
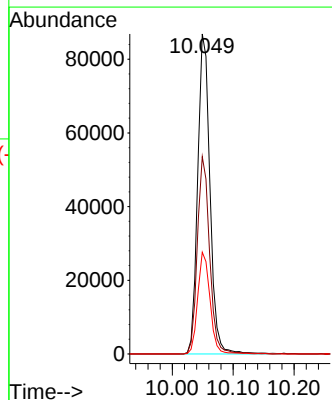
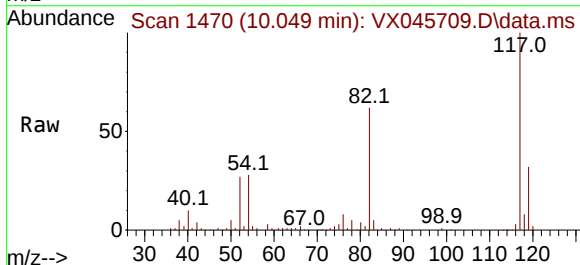
Instrument :
MSVOA_X
ClientSampleId :
TP-14

Tgt Ion: 95 Resp: 61661
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 62.2 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: VX045709.D
Acq: 10 Apr 2025 19:15

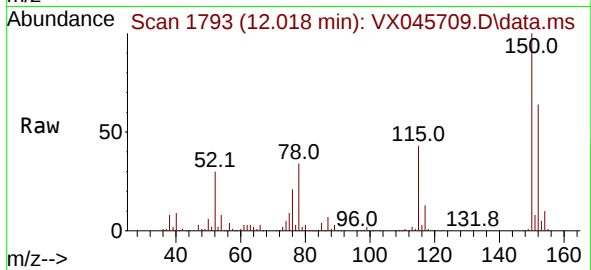
Tgt Ion: 117 Resp: 121332
Ion Ratio Lower Upper
117 100
82 61.7 49.2 73.8
119 31.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045709.D
 Acq: 10 Apr 2025 19:15

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14



Tgt Ion:152	Resp:	51288
Ion	Ratio	Lower Upper
152	100	
115	66.4	46.9 140.7
150	157.8	0.0 349.4

