

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045707.D
 Acq On : 10 Apr 2025 18:28
 Operator : JC/MD
 Sample : PB167534ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#13

Quant Time: Apr 11 02:01:56 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)

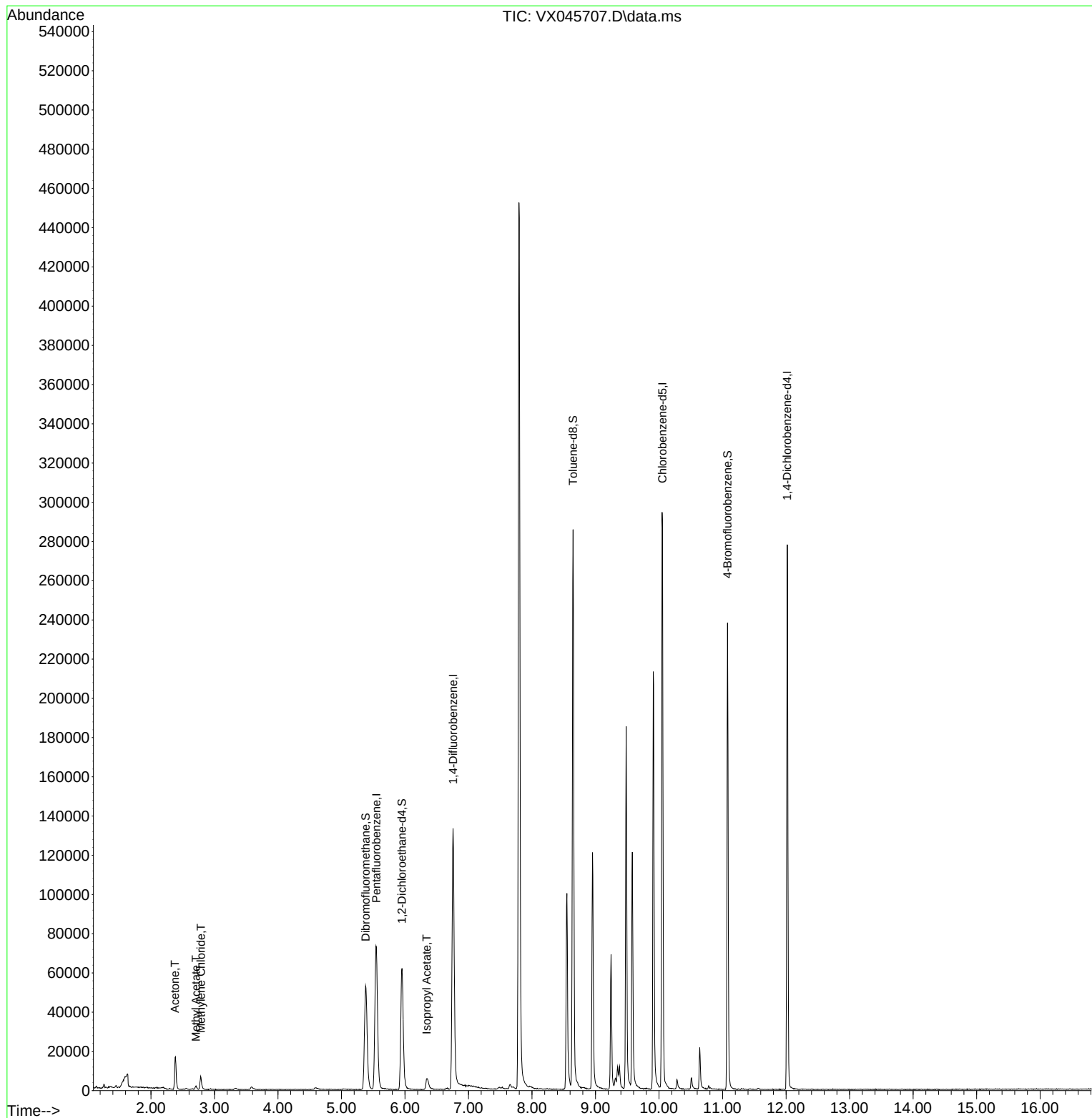
Internal Standards						
1) Pentafluorobenzene	5.549	168	63768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	128556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64809	55.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.160%
35) Dibromofluoromethane	5.379	113	46427	50.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.646	98	163340	51.307	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.620%
62) 4-Bromofluorobenzene	11.079	95	61524	53.055	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.100%
Target Compounds						
						Qvalue
16) Acetone	2.379	43	18905	39.480	ug/l	92
18) Methyl Acetate	2.708	43	2292	2.079	ug/l	98
20) Methylene Chloride	2.788	84	2962	3.304	ug/l	94
43) Isopropyl Acetate	6.342	43	9484	4.032	ug/l	98

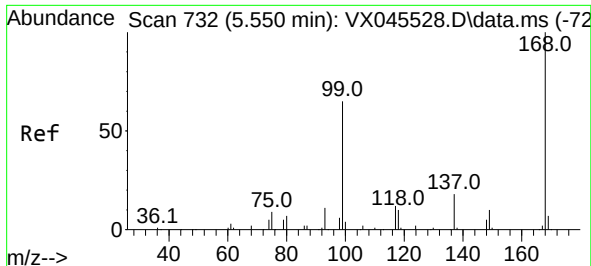
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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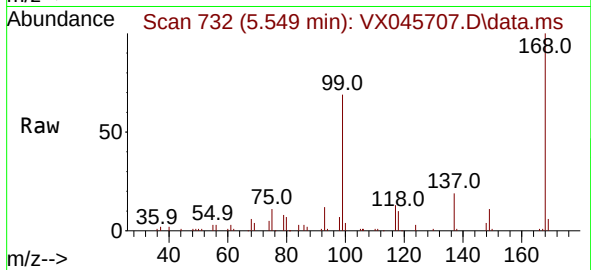
Quant Time: Apr 11 02:01:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



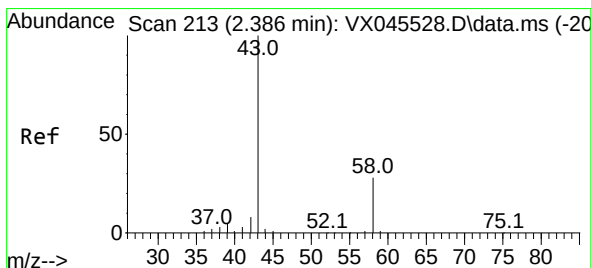
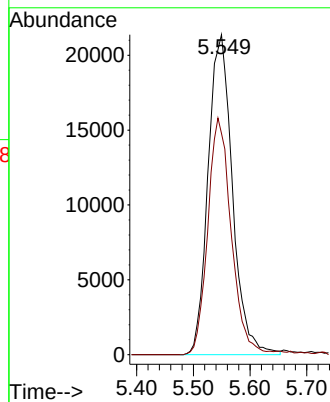
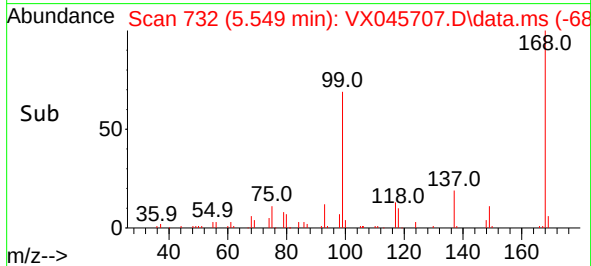


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

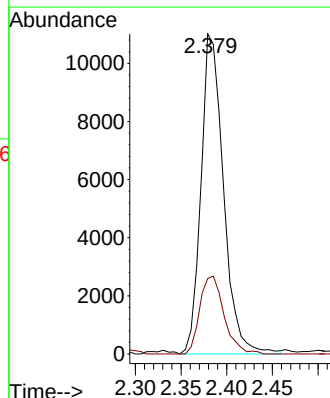
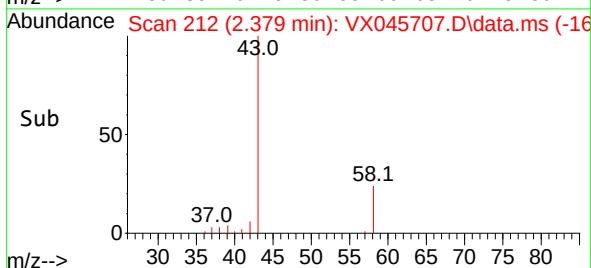
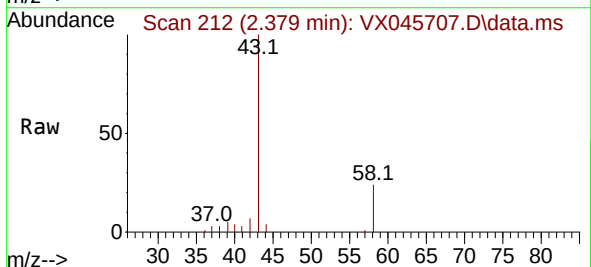


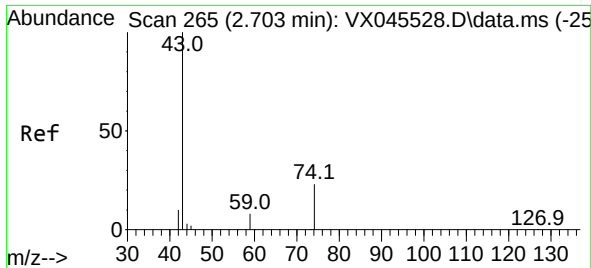
Tgt Ion:168 Resp: 63768
Ion Ratio Lower Upper
168 100
99 69.2 52.3 78.5



#16
Acetone
Concen: 39.480 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Tgt Ion: 43 Resp: 18905
Ion Ratio Lower Upper
43 100
58 23.6 22.3 33.5

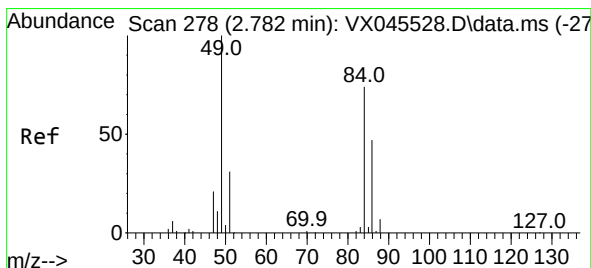
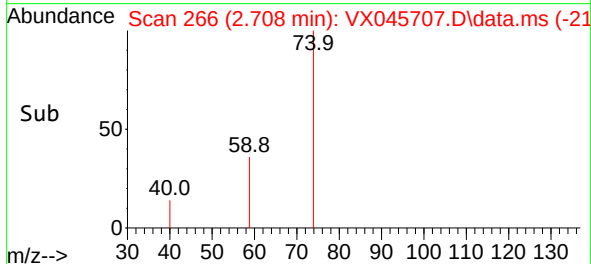
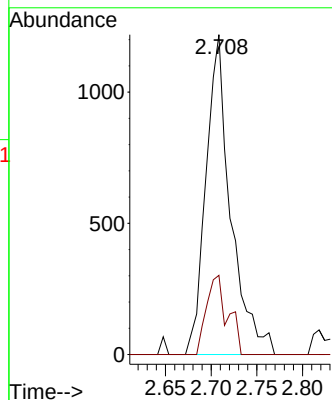
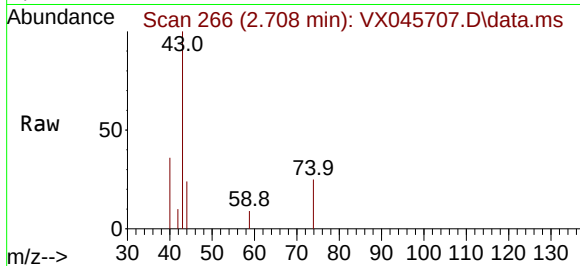




#18
Methyl Acetate
Concen: 2.079 ug/l
RT: 2.708 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

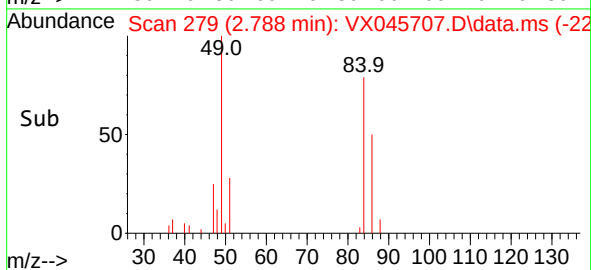
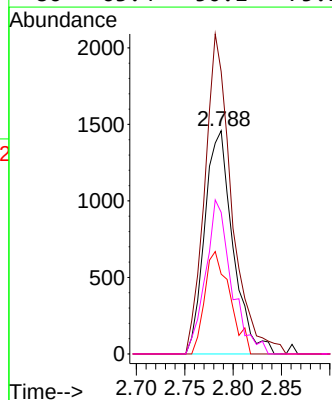
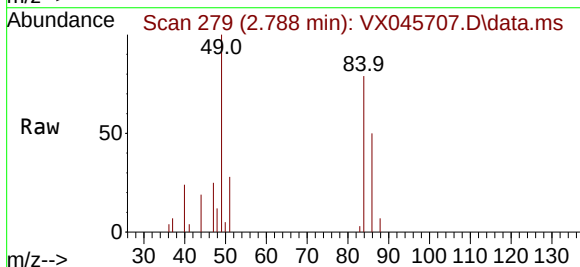
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

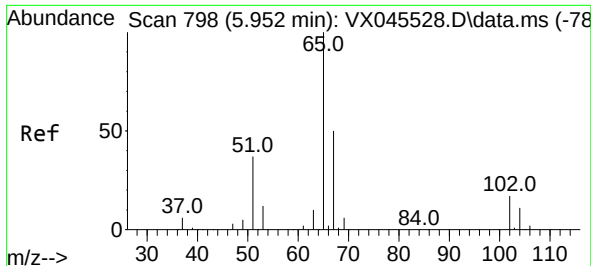
Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 3.304 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Tgt Ion: 84 Resp: 2962
Ion Ratio Lower Upper
84 100
49 126.5 107.5 161.3
51 35.8 33.0 49.6
86 63.4 50.1 75.1

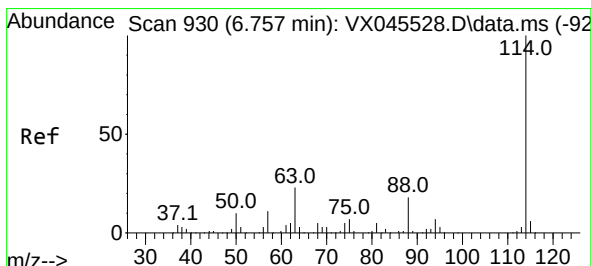
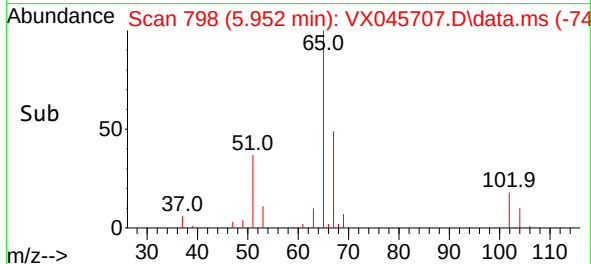
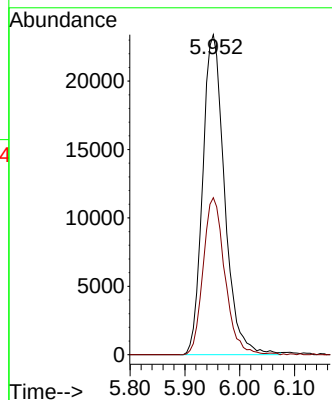
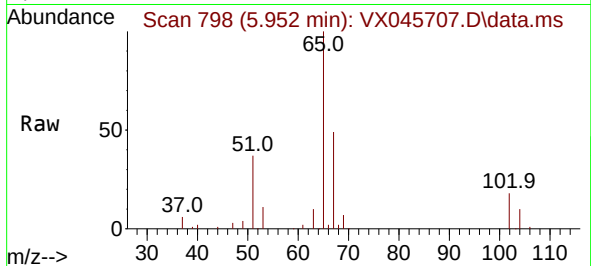




#33
1,2-Dichloroethane-d4
Concen: 55.575 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

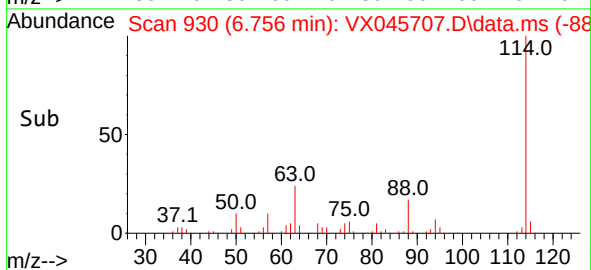
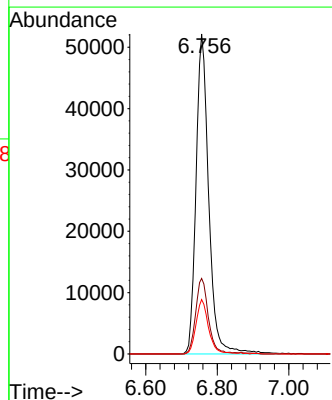
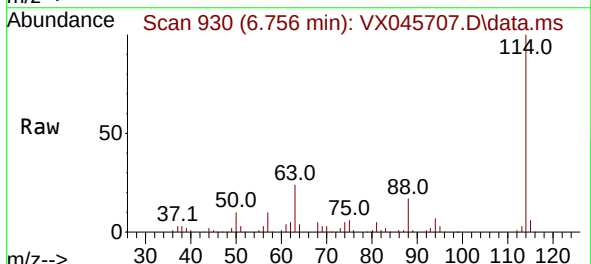
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

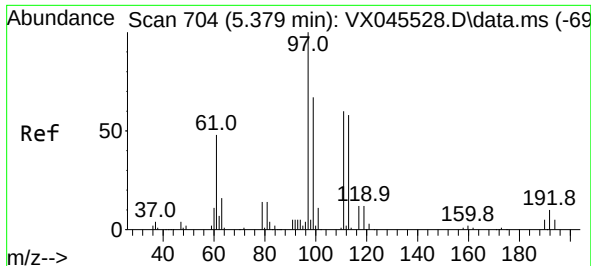
Tgt Ion: 65 Resp: 64809
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

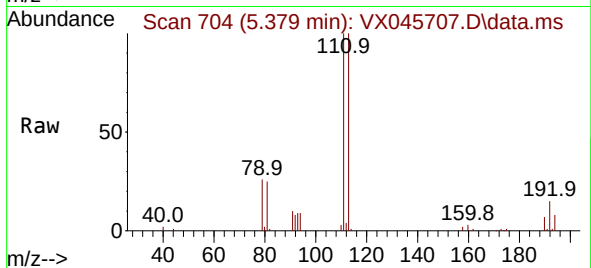
Tgt Ion: 114 Resp: 128556
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 17.0 0.0 35.4



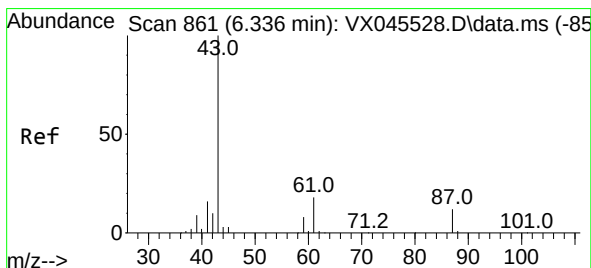
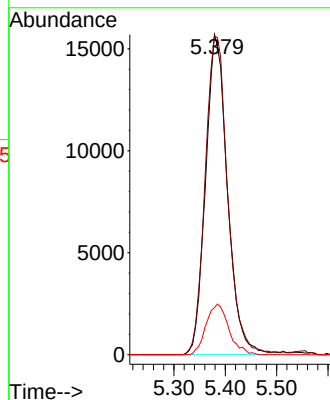
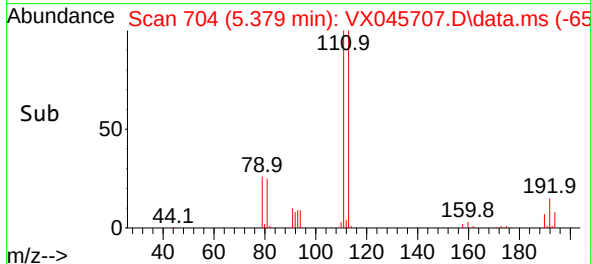


#35
Dibromofluoromethane
Concen: 50.901 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

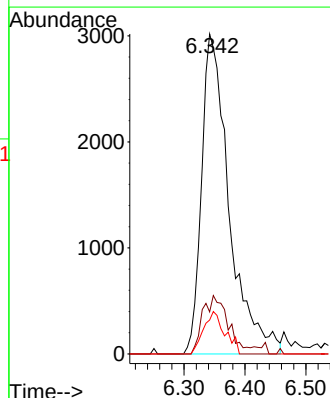
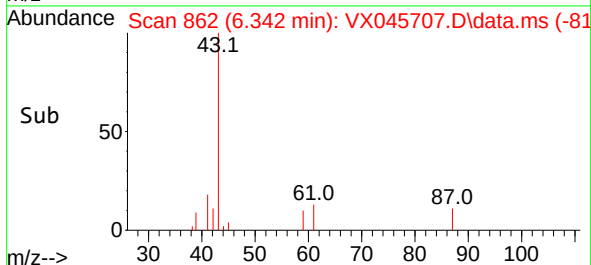
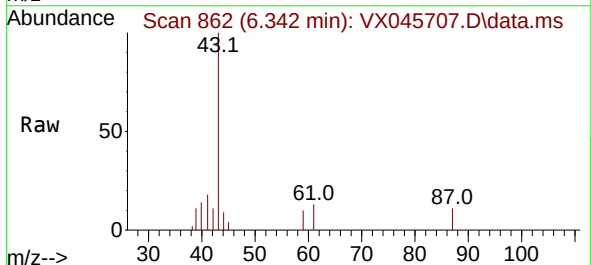


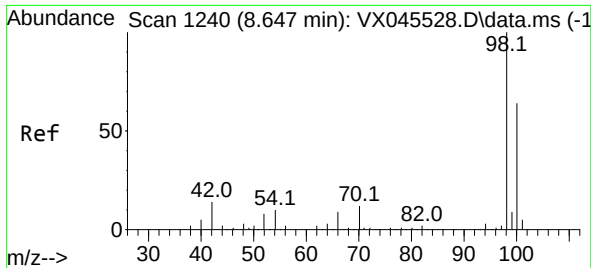
Tgt Ion:113 Resp: 46427
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.4 13.8 20.6



#43
Isopropyl Acetate
Concen: 4.032 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Tgt Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
61 16.8 14.1 21.1
87 10.2 9.2 13.8

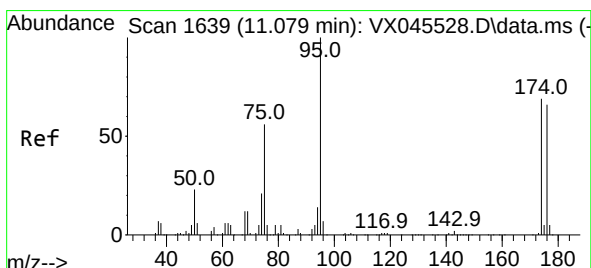
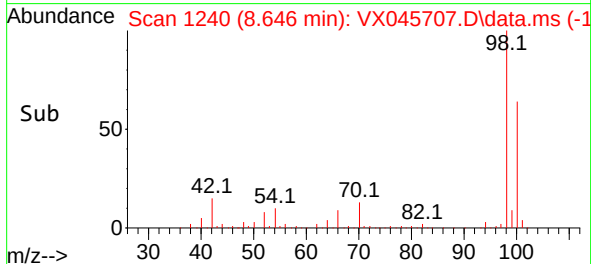
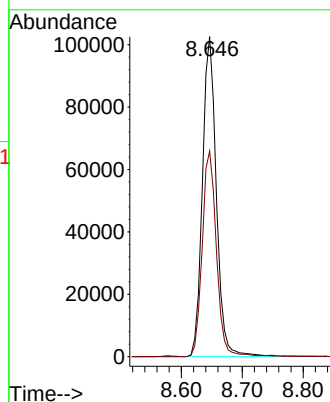
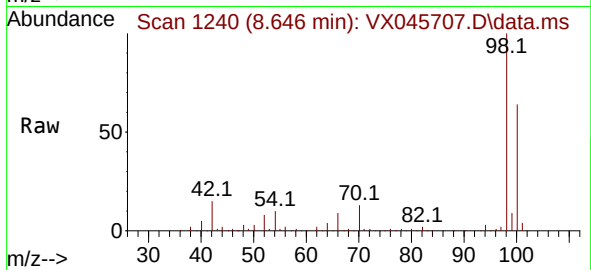




#50
Toluene-d8
Concen: 51.307 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

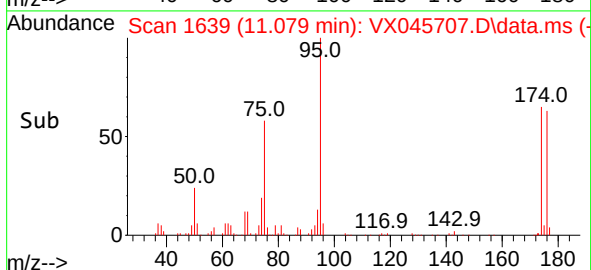
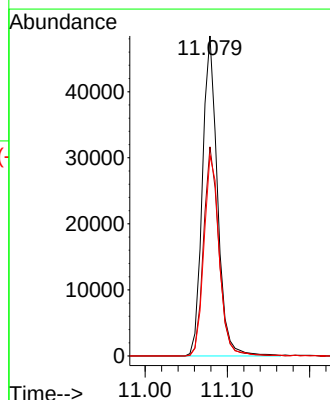
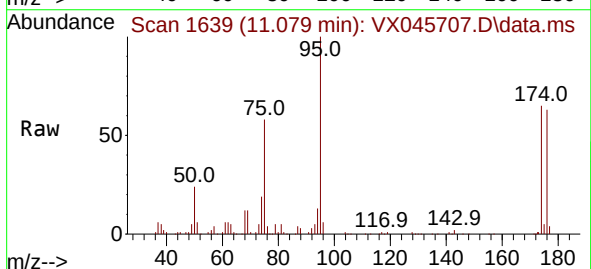
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

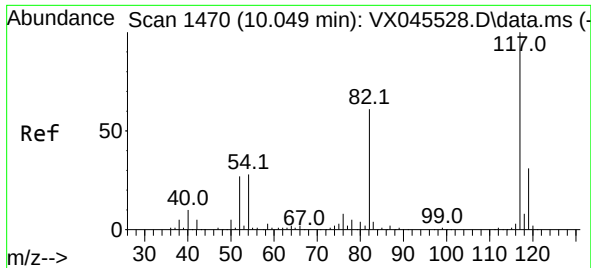
Tgt Ion: 98 Resp: 163340
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Tgt Ion: 95 Resp: 61524
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.1 0.0 131.4

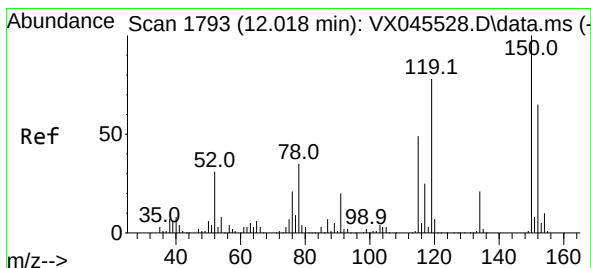
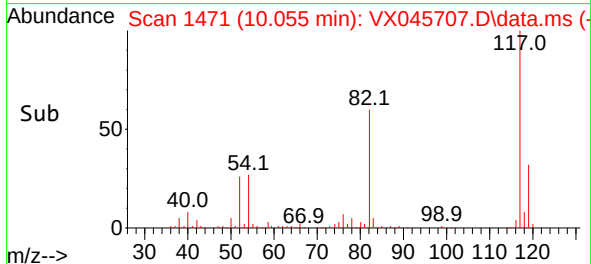
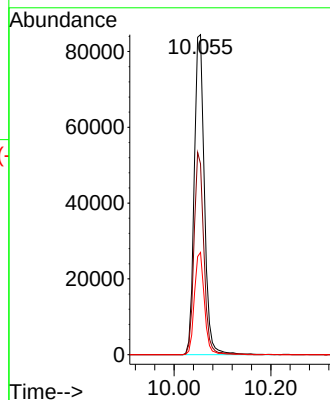
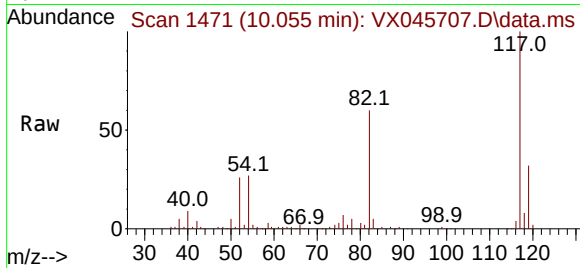




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#13

Tgt Ion:117 Resp: 122961
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045707.D
Acq: 10 Apr 2025 18:28

Tgt Ion:152 Resp: 51067
Ion Ratio Lower Upper
152 100
115 66.7 46.9 140.7
150 157.3 0.0 349.4

