

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045708.D
 Acq On : 10 Apr 2025 18:51
 Operator : JC/MD
 Sample : PB167534ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#14

Quant Time: Apr 11 02:02:21 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)

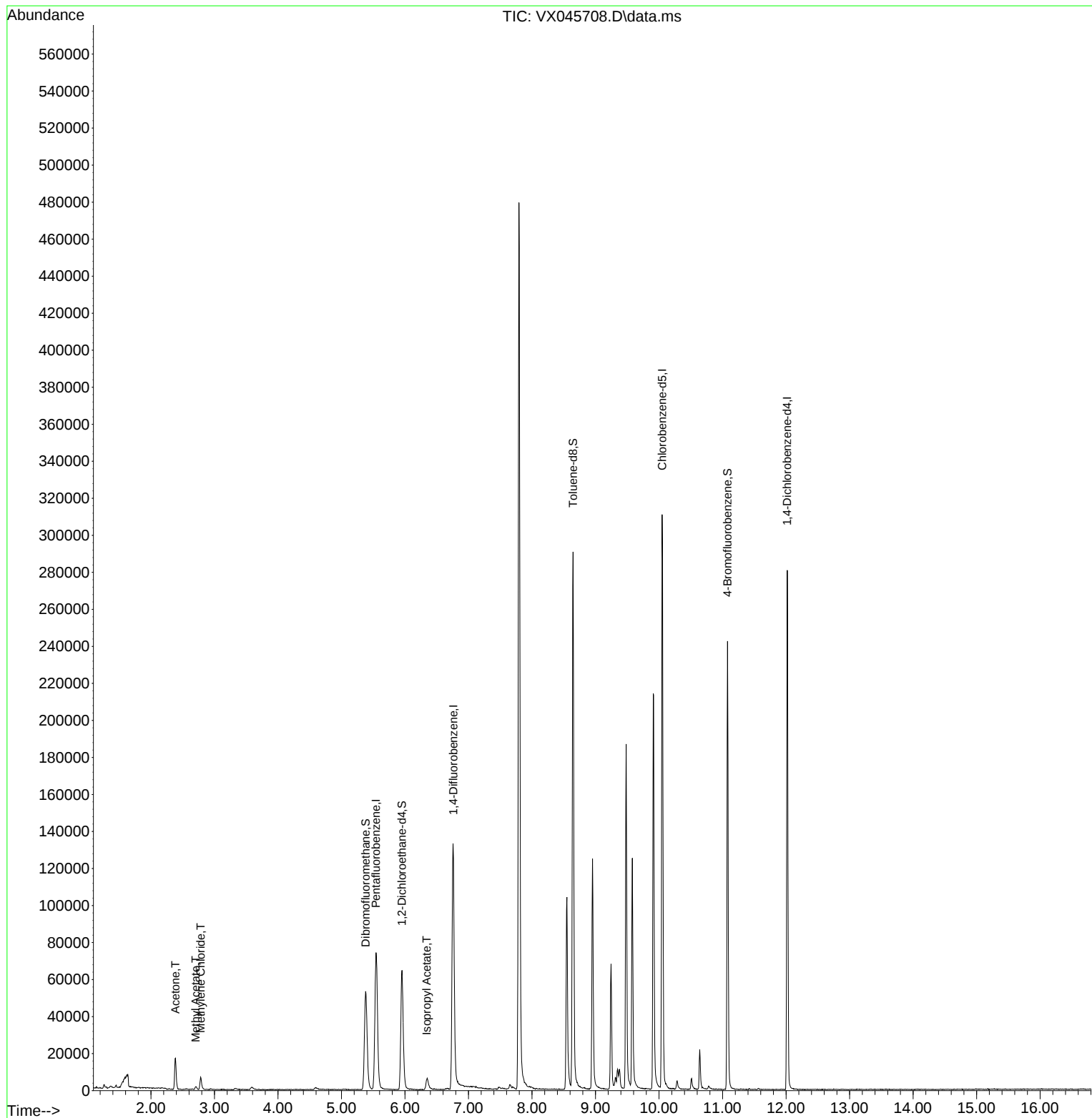
Internal Standards						
1) Pentafluorobenzene	5.544	168	63388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	129426	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66347	57.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.480%
35) Dibromofluoromethane	5.379	113	47052	51.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.480%
50) Toluene-d8	8.647	98	165736	51.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.420%
62) 4-Bromofluorobenzene	11.079	95	62963	53.931	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.860%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	19316	40.580	ug/l	98
18) Methyl Acetate	2.703	43	2334	2.130	ug/l #	89
20) Methylene Chloride	2.782	84	3172	3.560	ug/l	87
43) Isopropyl Acetate	6.342	43	9309	3.931	ug/l	99

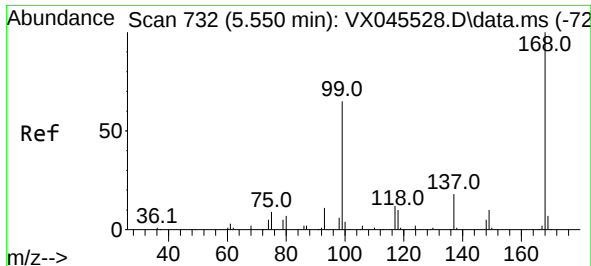
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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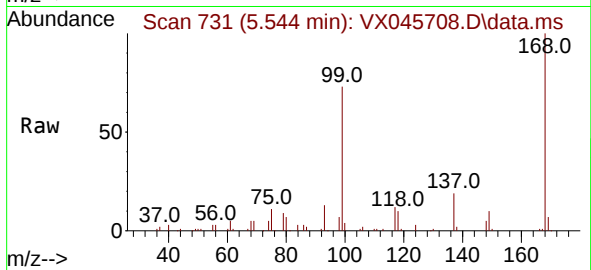
Quant Time: Apr 11 02:02:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



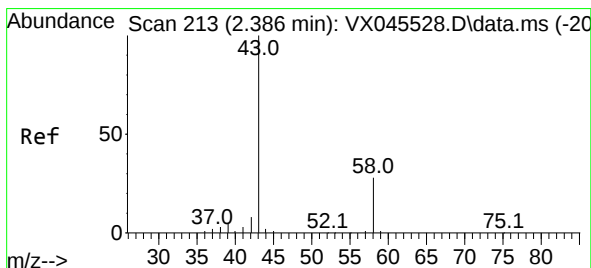
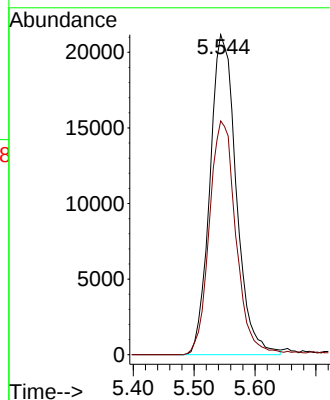
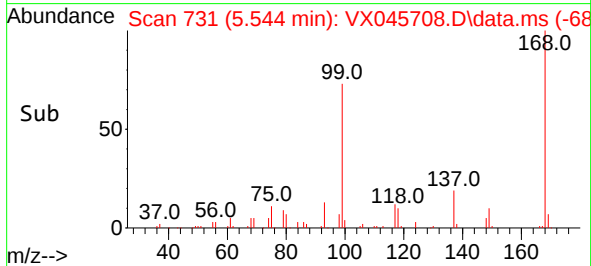


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#14

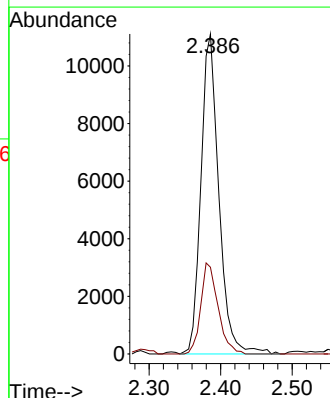
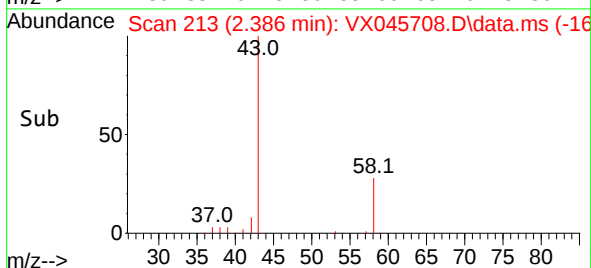
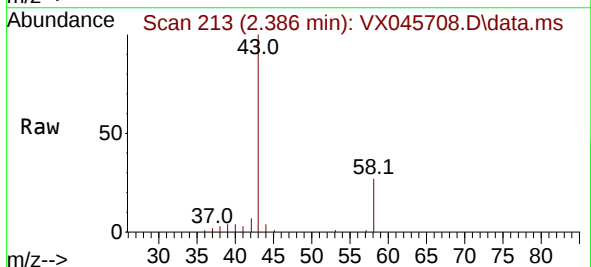


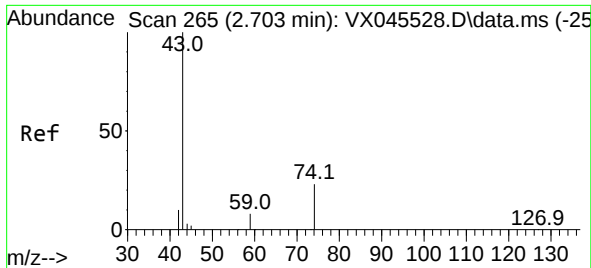
Tgt Ion:168 Resp: 63388
Ion Ratio Lower Upper
168 100
99 73.0 52.3 78.5



#16
Acetone
Concen: 40.580 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Tgt Ion: 43 Resp: 19316
Ion Ratio Lower Upper
43 100
58 27.1 22.3 33.5

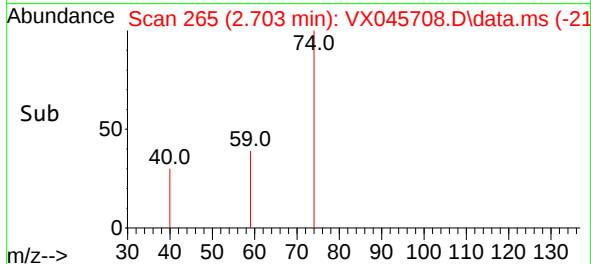
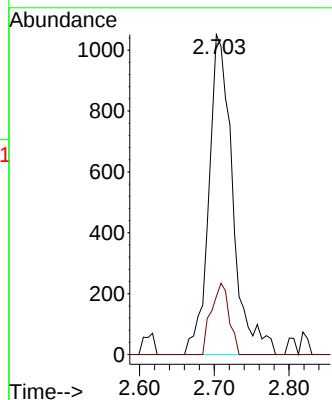
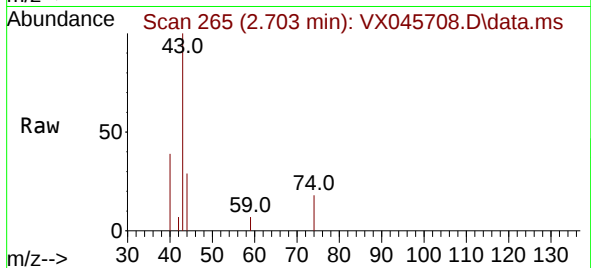




#18
Methyl Acetate
Concen: 2.130 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

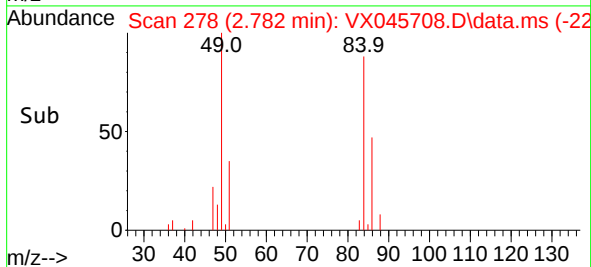
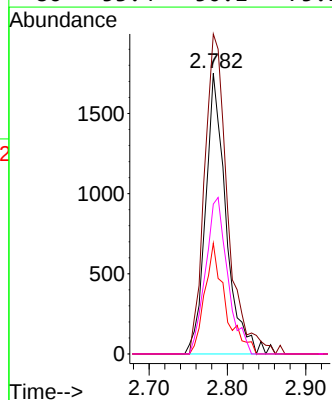
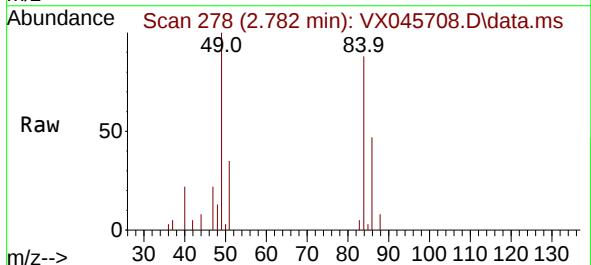
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#14

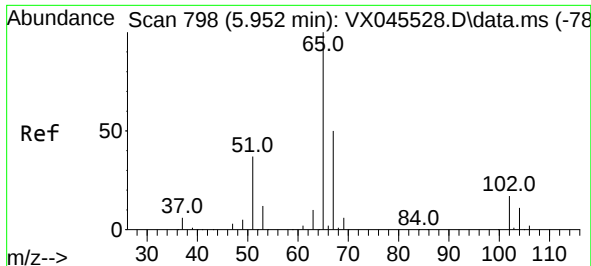
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
74 16.7 17.5 26.3#



#20
Methylene Chloride
Concen: 3.560 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Tgt Ion: 84 Resp: 3172
Ion Ratio Lower Upper
84 100
49 114.0 107.5 161.3
51 39.5 33.0 49.6
86 53.4 50.1 75.1

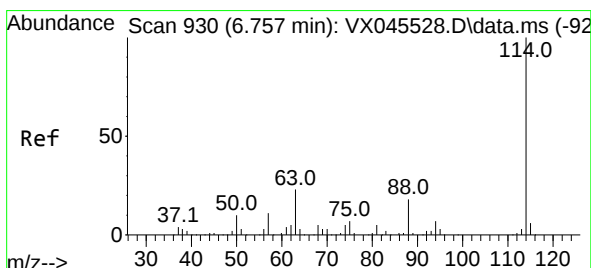
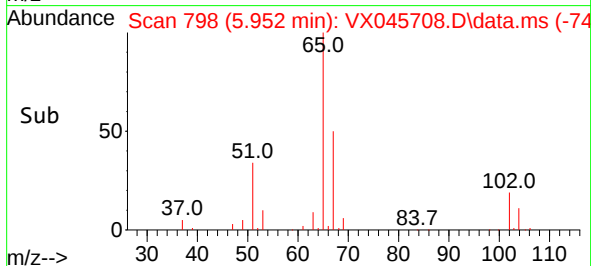
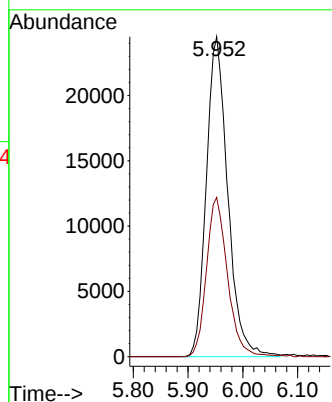
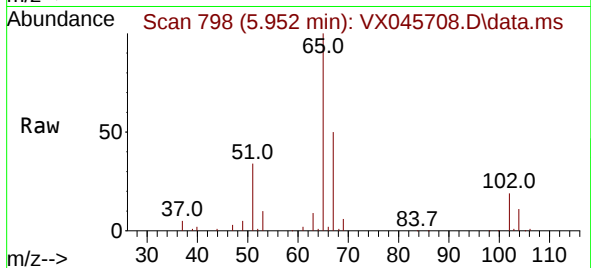




#33
 1,2-Dichloroethane-d4
 Concen: 57.235 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX045708.D
 Acq: 10 Apr 2025 18:51

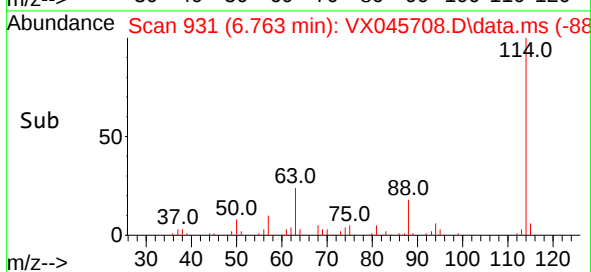
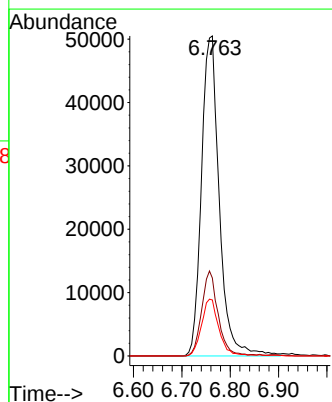
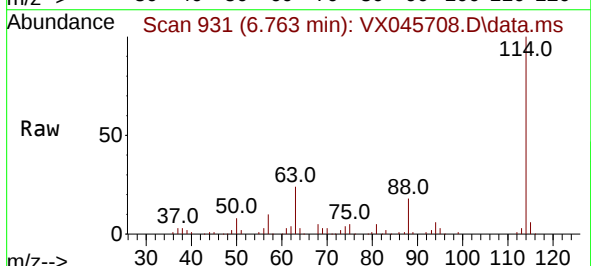
Instrument :
 MSVOA_X
 ClientSampleId :
 PB167534ZHE#14

Tgt Ion: 65 Resp: 66347
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX045708.D
 Acq: 10 Apr 2025 18:51

Tgt Ion: 114 Resp: 129426
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.8
 88 17.5 0.0 35.4

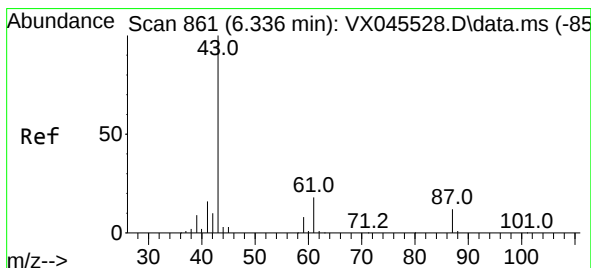
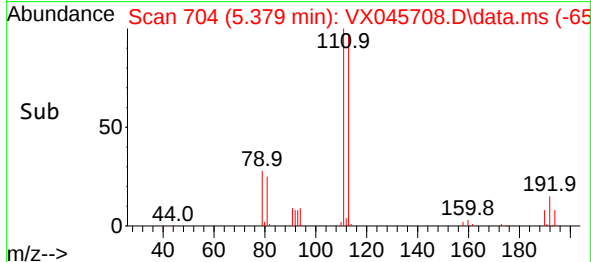
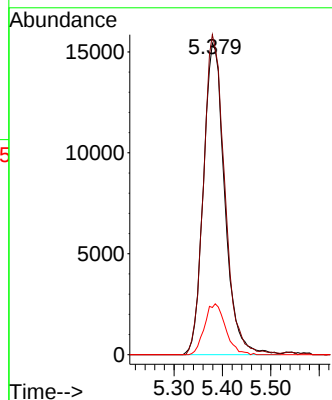
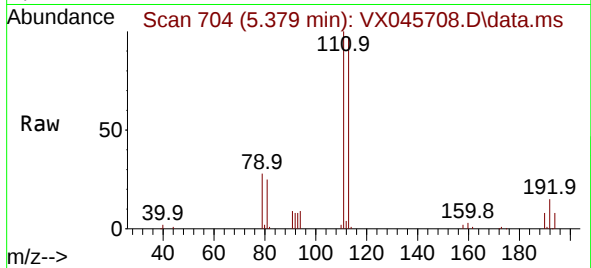




#35
Dibromofluoromethane
Concen: 51.239 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

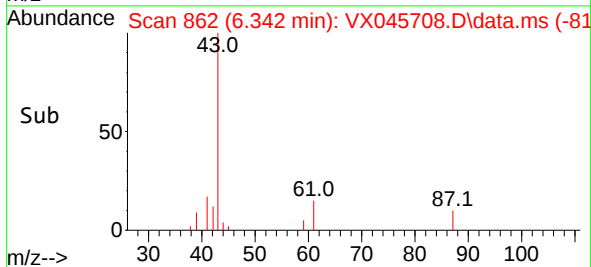
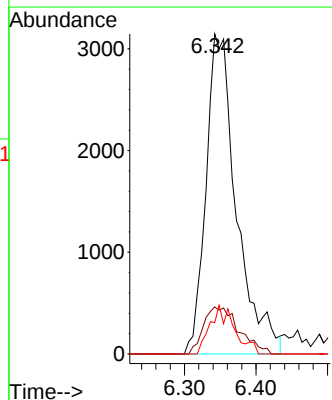
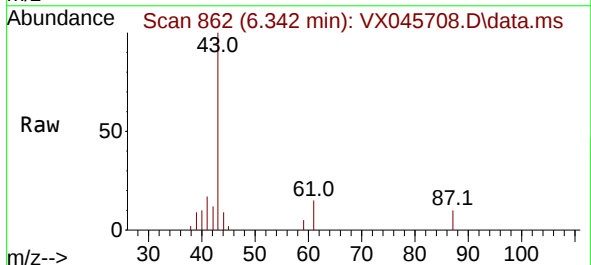
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#14

Tgt Ion:113 Resp: 47052
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 16.2 13.8 20.6



#43
Isopropyl Acetate
Concen: 3.931 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Tgt Ion: 43 Resp: 9309
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
87 12.2 9.2 13.8

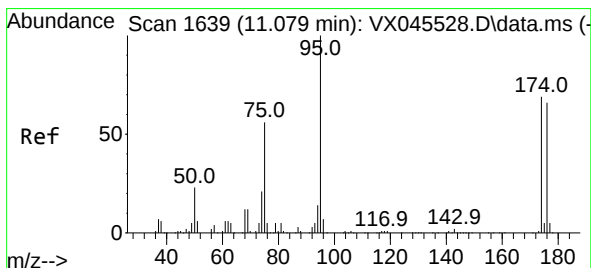
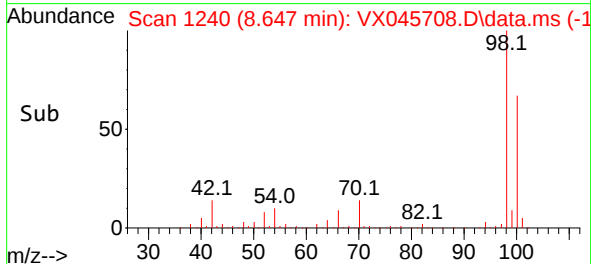
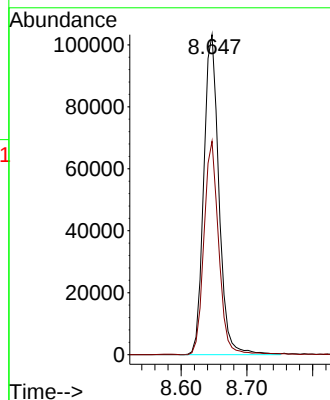
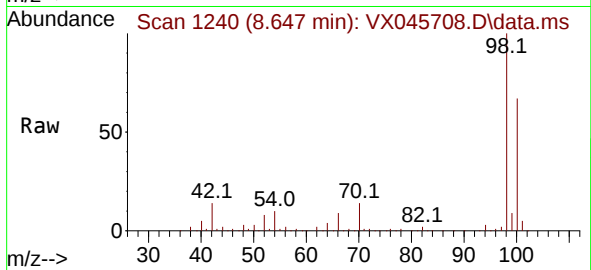




#50
Toluene-d8
Concen: 51.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

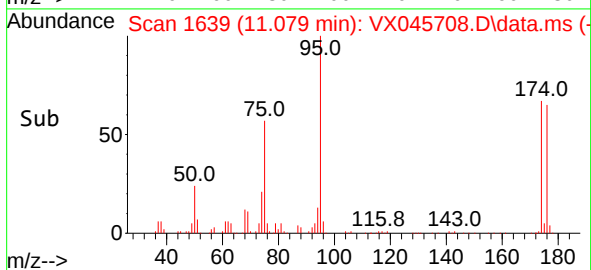
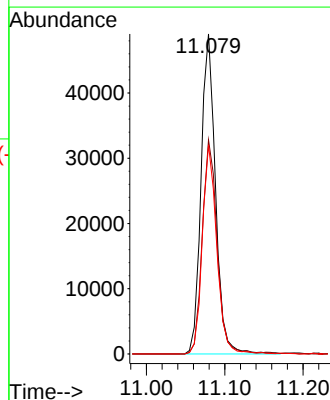
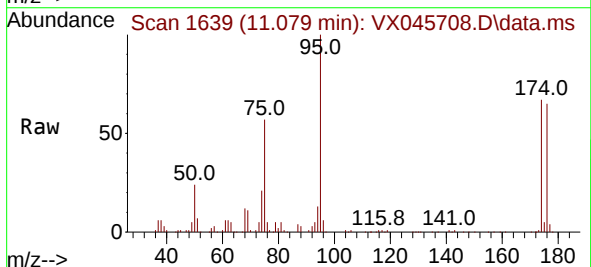
Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#14

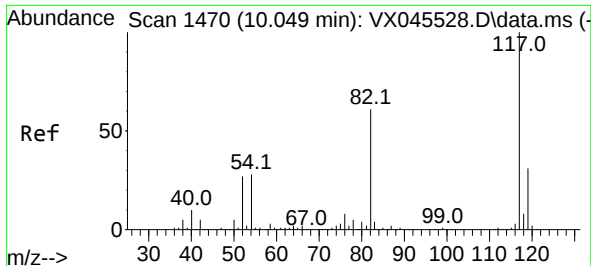
Tgt Ion: 98 Resp: 165736
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 53.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Tgt Ion: 95 Resp: 62963
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.8
176 65.3 0.0 131.4

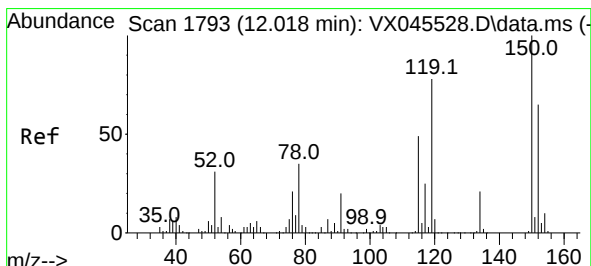
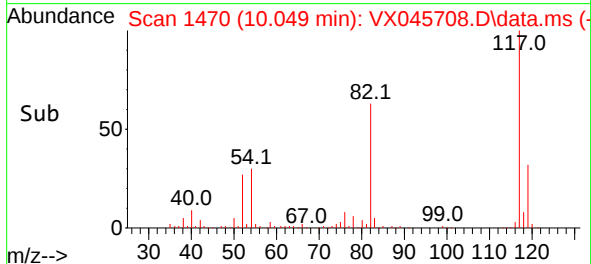
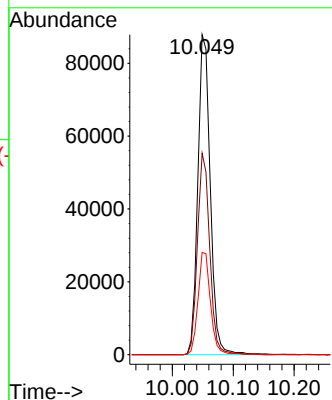
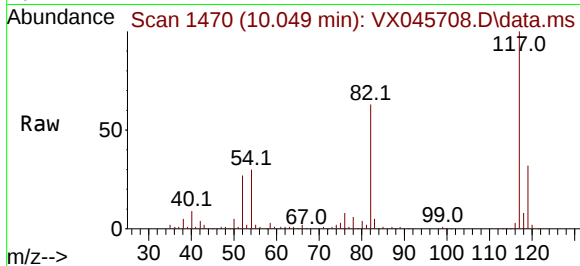




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045708.D
Acq: 10 Apr 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
PB167534ZHE#14

Tgt Ion:117 Resp: 124438
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 32.0 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: VX045708.D
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Tgt Ion:152 Resp: 52212
Ion Ratio Lower Upper
152 100
115 63.7 46.9 140.7
150 158.2 0.0 349.4

