

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045602.D
 Acq On : 04 Apr 2025 16:19
 Operator : JC/MD
 Sample : PB167448ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167448ZHE#01

Quant Time: Apr 04 23:13:18 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)

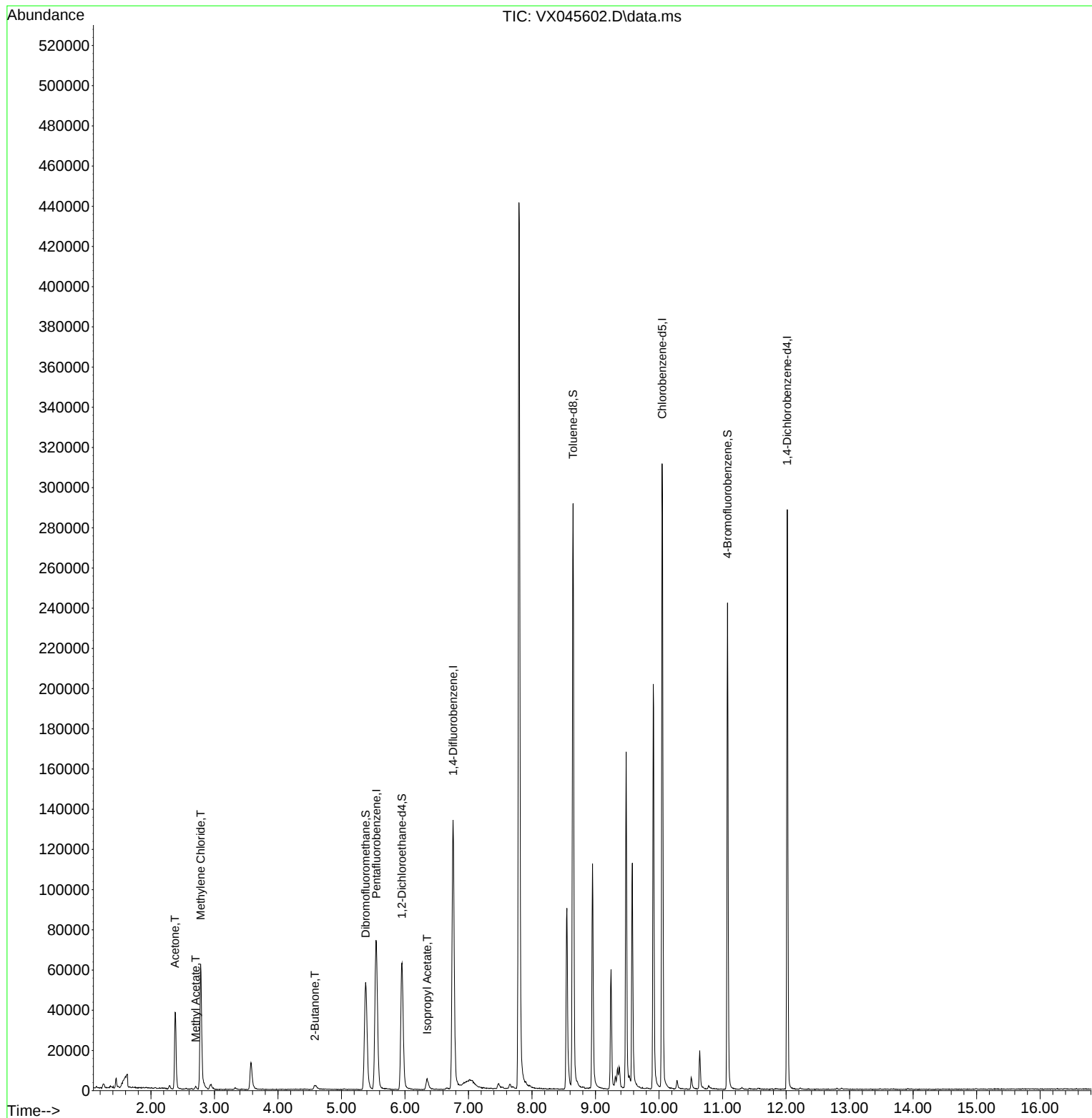
Internal Standards						
1) Pentafluorobenzene	5.550	168	63873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65127	55.756	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.520%
35) Dibromofluoromethane	5.379	113	46585	50.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.700%
50) Toluene-d8	8.647	98	164588	51.476	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	11.079	95	61746	53.017	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.040%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	43329	90.336	ug/l	100
18) Methyl Acetate	2.703	43	1919	1.738	ug/l #	84
20) Methylene Chloride	2.782	84	28497	31.736	ug/l	96
25) 2-Butanone	4.580	43	4407	6.277	ug/l #	83
43) Isopropyl Acetate	6.348	43	7598	3.216	ug/l	97

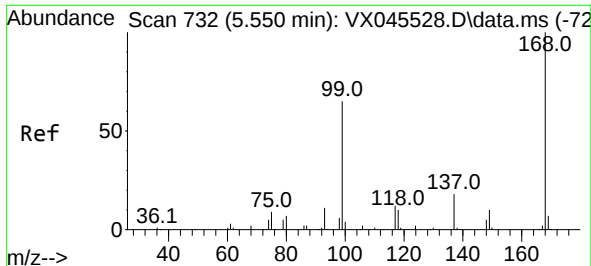
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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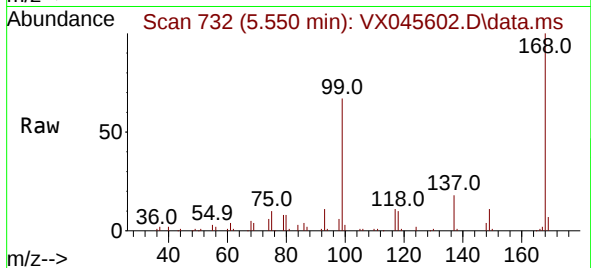
Quant Time: Apr 04 23:13:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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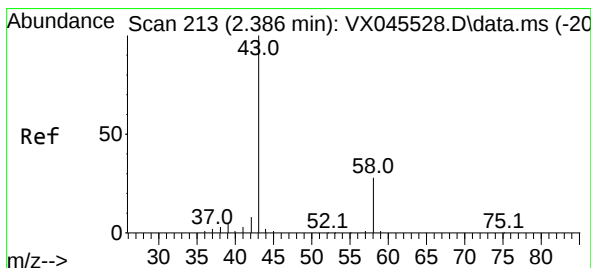
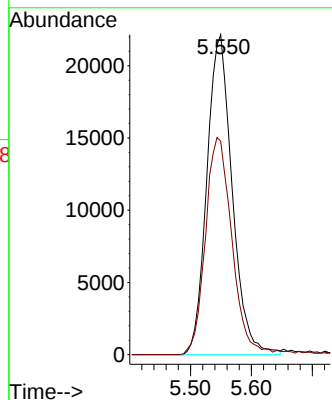
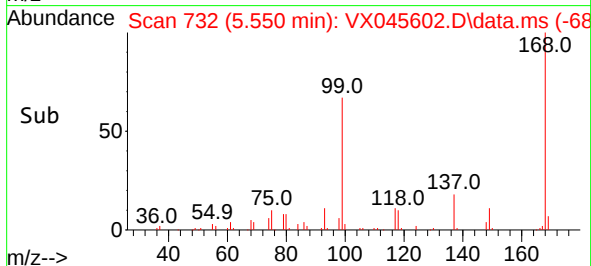


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#01

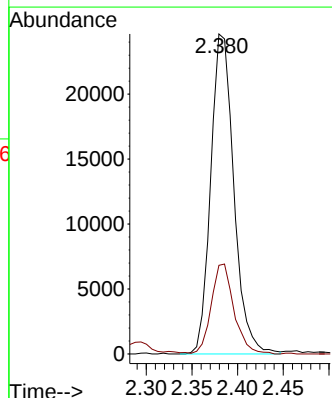
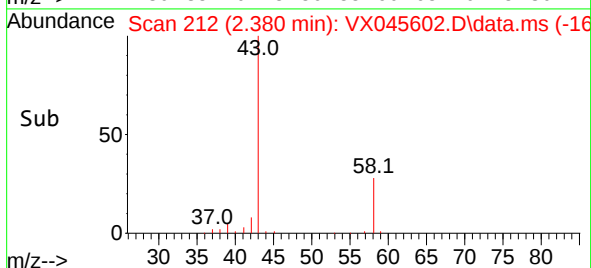
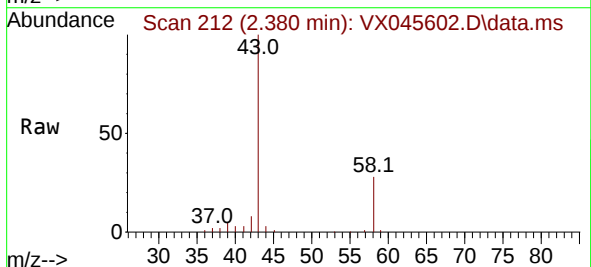


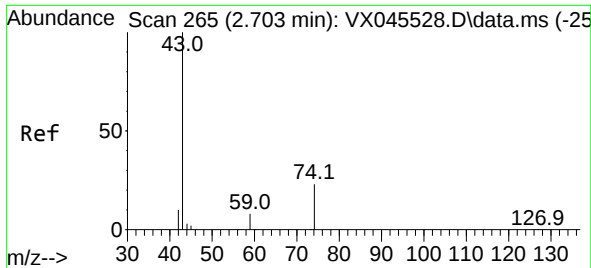
Tgt Ion:168 Resp: 63873
Ion Ratio Lower Upper
168 100
99 66.7 52.3 78.5



#16
Acetone
Concen: 90.336 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

Tgt Ion: 43 Resp: 43329
Ion Ratio Lower Upper
43 100
58 27.7 22.3 33.5

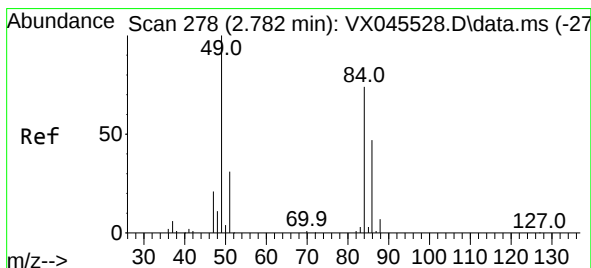
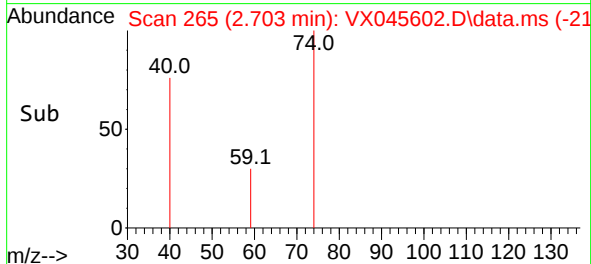
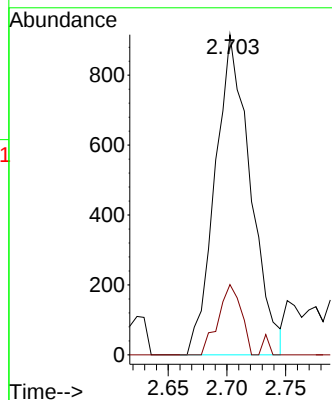
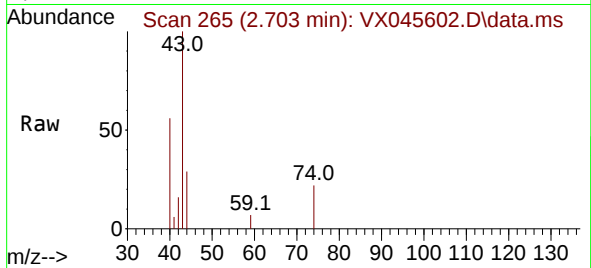




#18
Methyl Acetate
Concen: 1.738 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

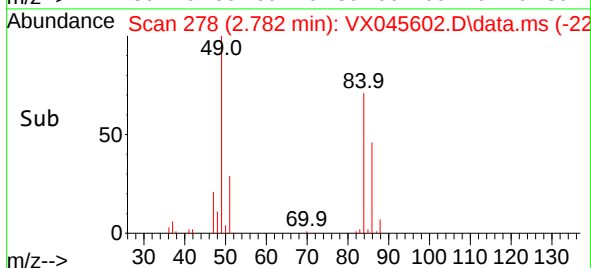
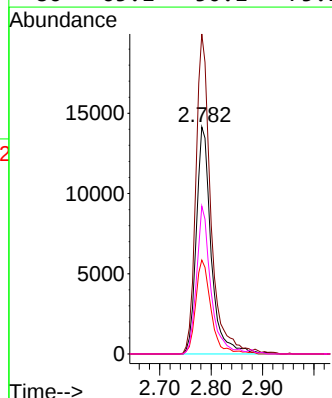
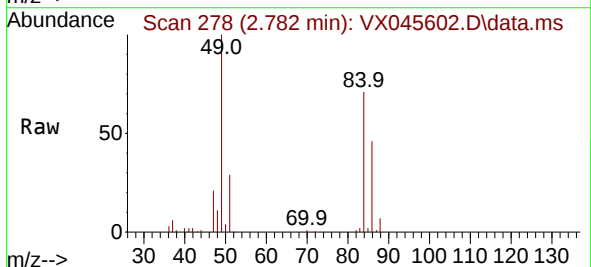
Instrument :
MSVOA_X
ClientSampleId :
PB167448ZHE#01

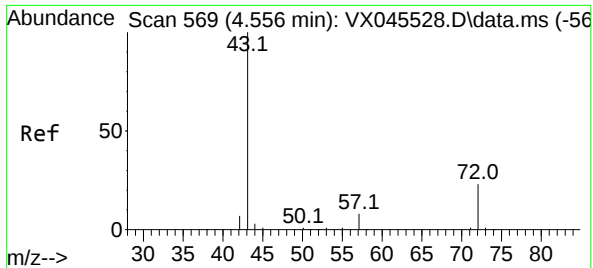
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
74 14.2 17.5 26.3#



#20
Methylene Chloride
Concen: 31.736 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

Tgt Ion: 84 Resp: 28497
Ion Ratio Lower Upper
84 100
49 140.9 107.5 161.3
51 41.4 33.0 49.6
86 65.1 50.1 75.1





#25

2-Butanone

Concen: 6.277 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX045602.D

Acq: 04 Apr 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

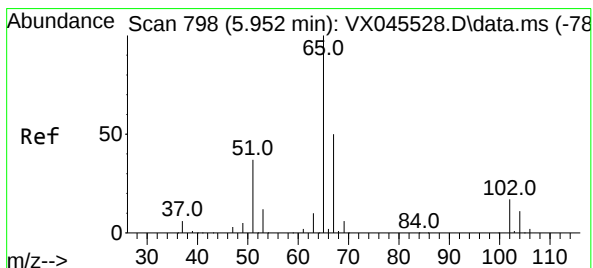
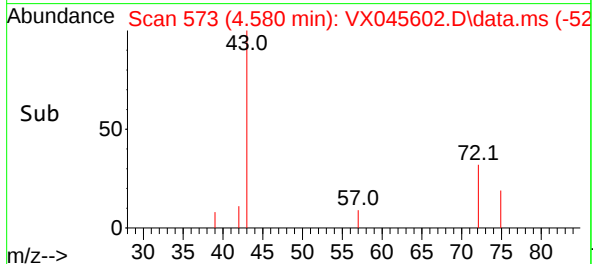
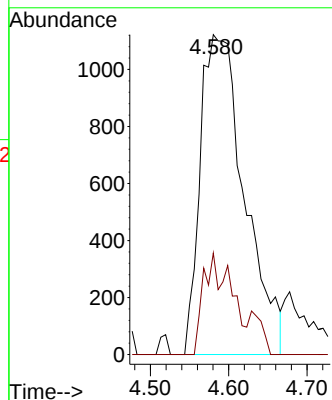
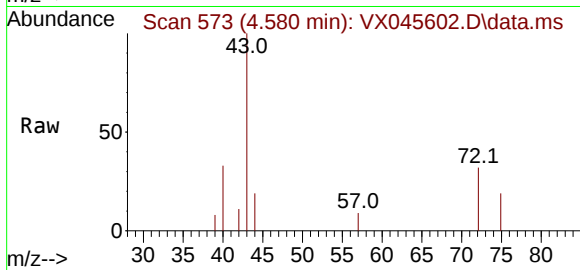
PB167448ZHE#01

Tgt Ion: 43 Resp: 4407

Ion Ratio Lower Upper

43 100

72 31.7 18.6 28.0#



#33

1,2-Dichloroethane-d4

Concen: 55.756 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045602.D

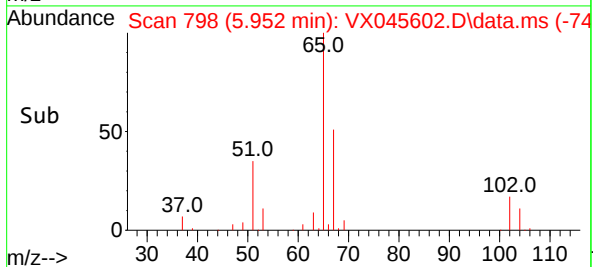
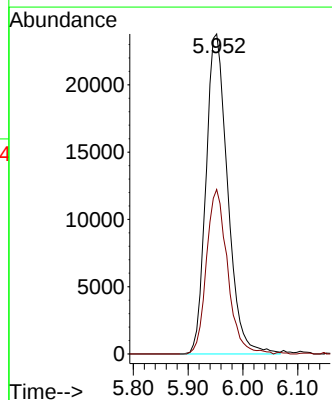
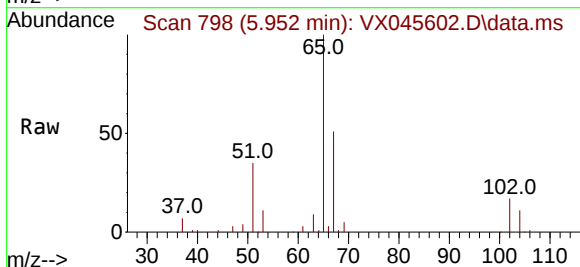
Acq: 04 Apr 2025 16:19

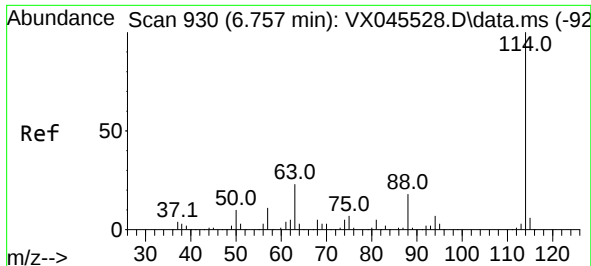
Tgt Ion: 65 Resp: 65127

Ion Ratio Lower Upper

65 100

67 50.1 0.0 99.0

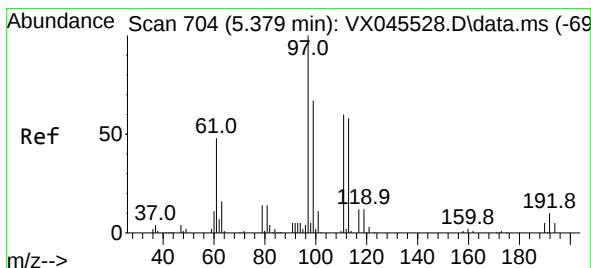
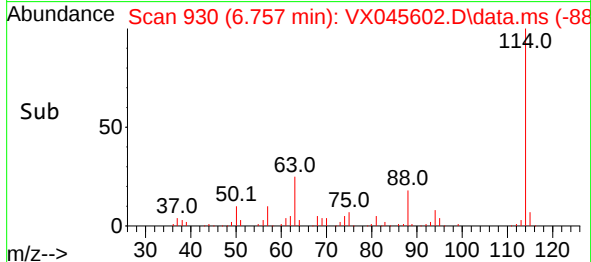
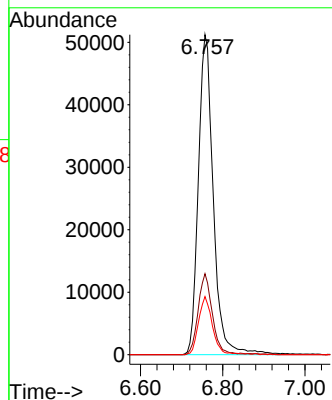
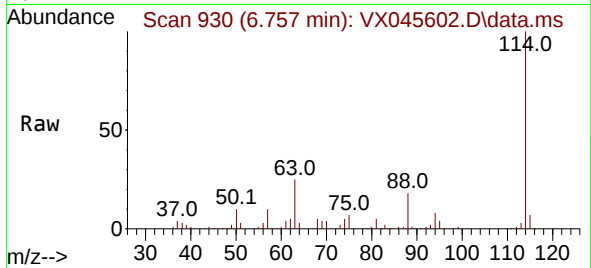




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

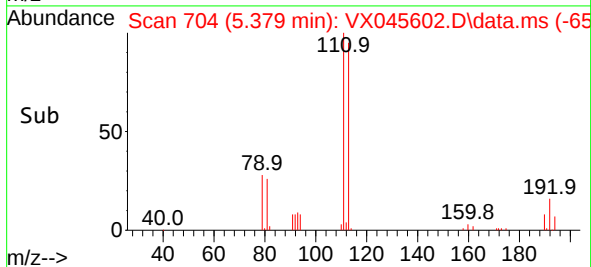
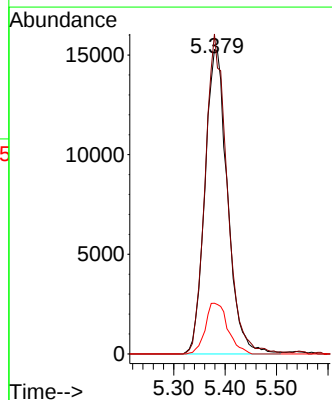
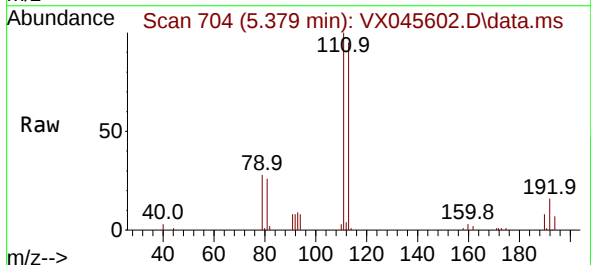
Instrument :
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ClientSampleId :
PB167448ZHE#01

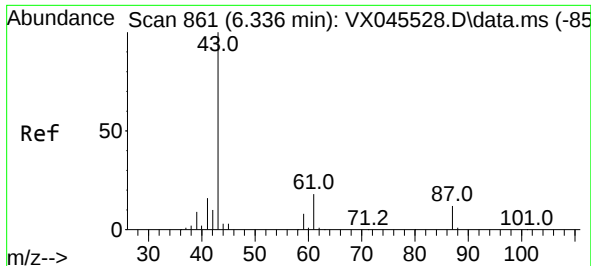
Tgt Ion:114 Resp: 129113
Ion Ratio Lower Upper
114 100
63 25.3 0.0 46.8
88 18.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

Tgt Ion:113 Resp: 46585
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 16.6 13.8 20.6

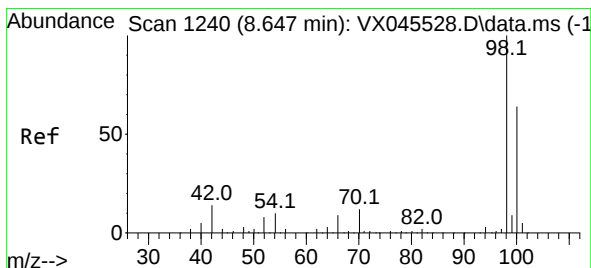
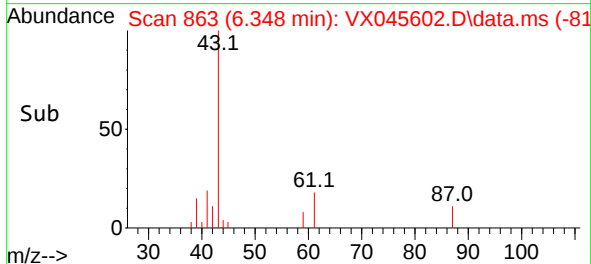
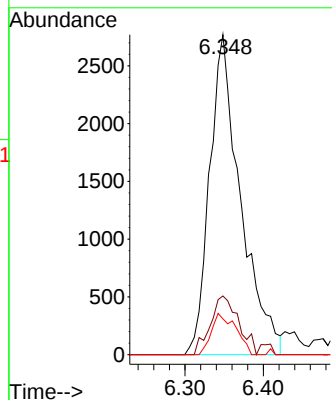
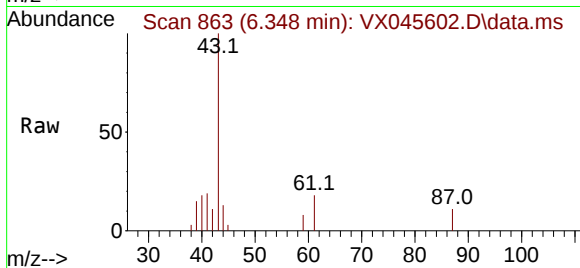




#43
Isopropyl Acetate
Concen: 3.216 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

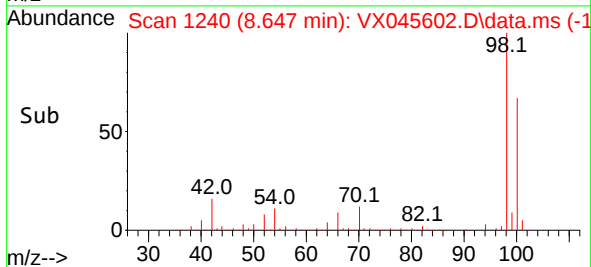
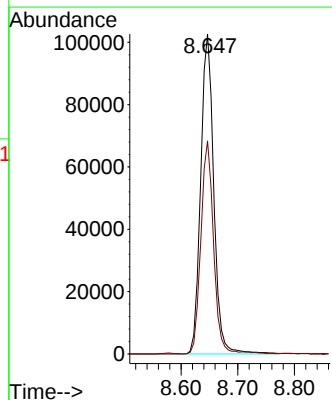
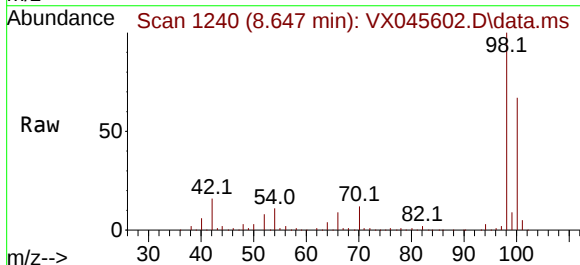
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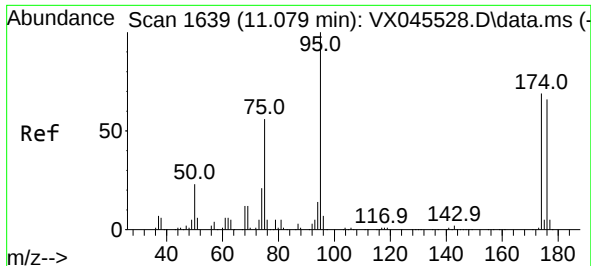
Tgt Ion: 43 Resp: 7598
Ion Ratio Lower Upper
43 100
61 16.7 14.1 21.1
87 10.2 9.2 13.8



#50
Toluene-d8
Concen: 51.476 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

Tgt Ion: 98 Resp: 164588
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

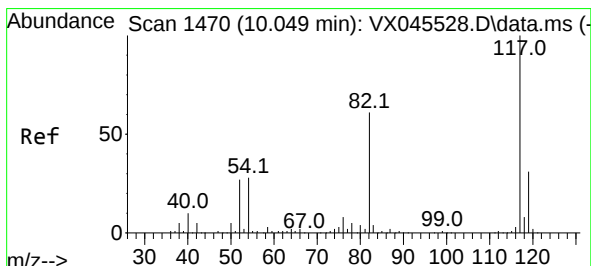
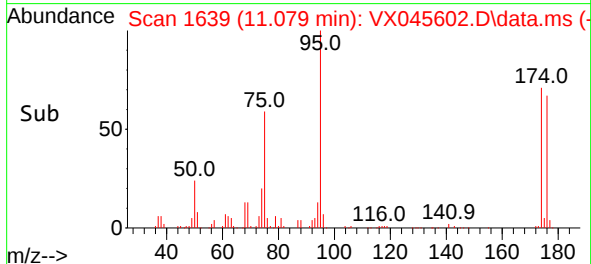
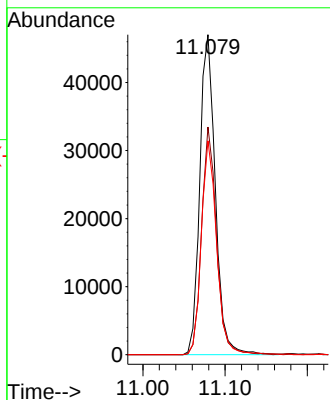
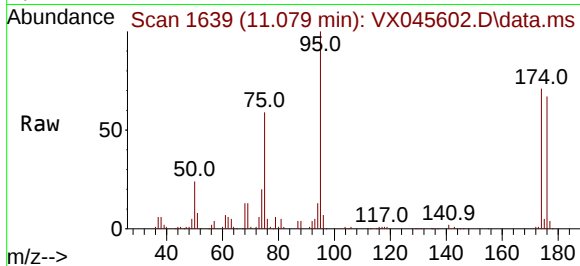




#62
4-Bromofluorobenzene
Concen: 53.017 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

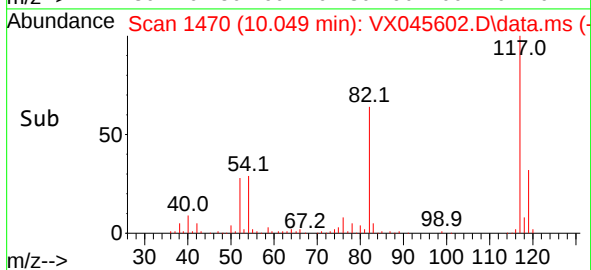
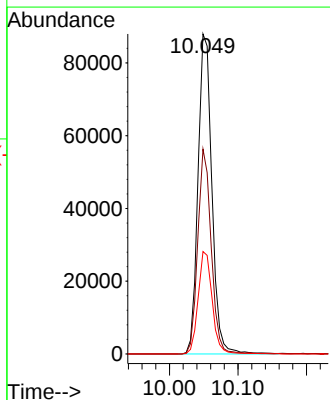
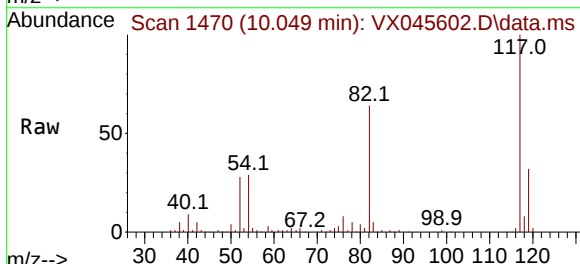
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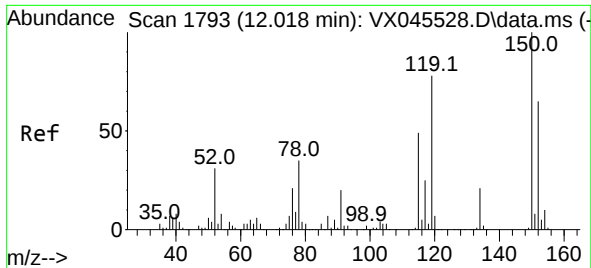
Tgt Ion: 95 Resp: 61746
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 66.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045602.D
Acq: 04 Apr 2025 16:19

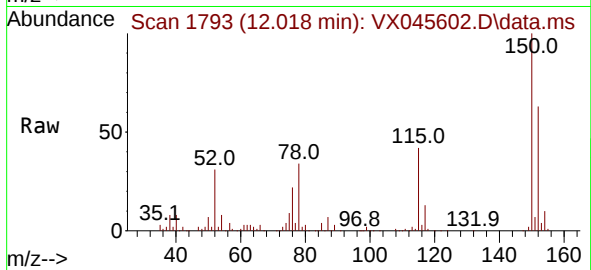
Tgt Ion: 117 Resp: 124239
Ion Ratio Lower Upper
117 100
82 64.0 49.2 73.8
119 32.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045602.D
 Acq: 04 Apr 2025 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 PB167448ZHE#01



Tgt Ion:152 Resp: 51236
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 157.4 0.0 349.4

