

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045180.D
 Acq On : 06 Mar 2025 19:45
 Operator : JC/MD
 Sample : Q1478-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW-SO-DRUM-582-022825

Quant Time: Mar 07 00:51:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

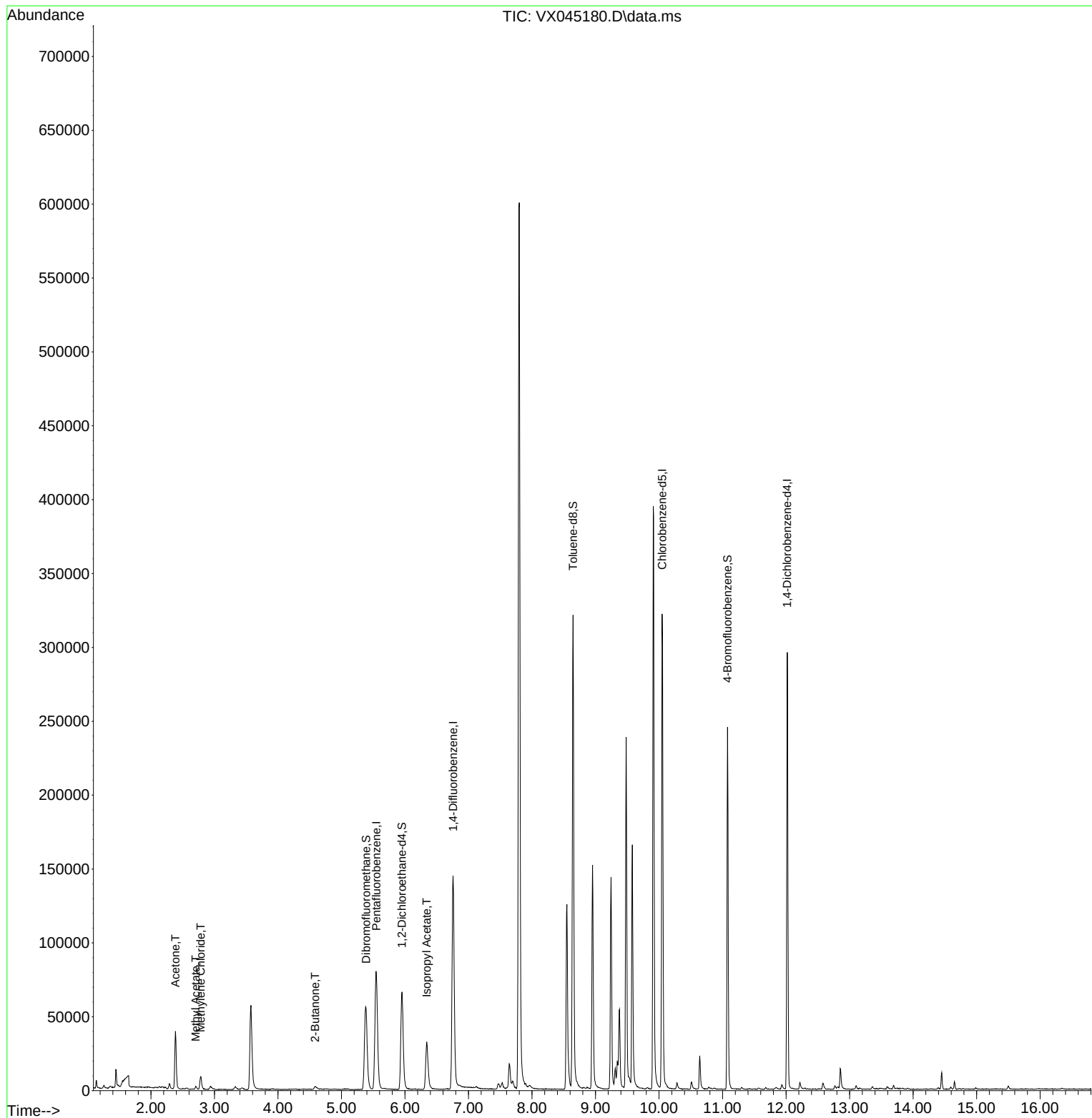
Internal Standards						
1) Pentafluorobenzene	5.550	168	74182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	149089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62937	53.338	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.680%
35) Dibromofluoromethane	5.385	113	50362	50.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.040%
50) Toluene-d8	8.647	98	187727	51.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.880%
62) 4-Bromofluorobenzene	11.079	95	62997	52.601	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.200%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	41661	76.097	ug/l	97
18) Methyl Acetate	2.703	43	2526	1.918	ug/l	93
20) Methylene Chloride	2.782	84	4062	3.746	ug/l	93
25) 2-Butanone	4.586	43	4292	5.208	ug/l	98
43) Isopropyl Acetate	6.342	43	46947	18.022	ug/l	99

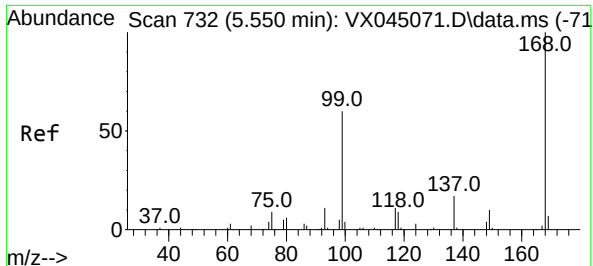
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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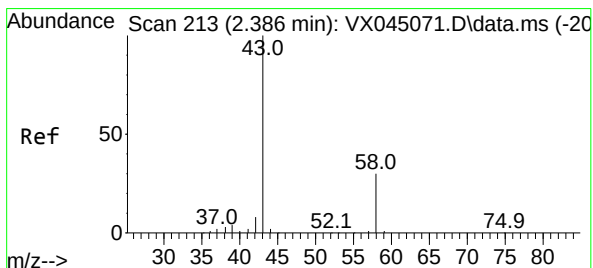
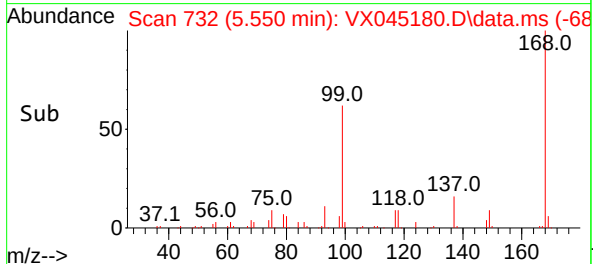
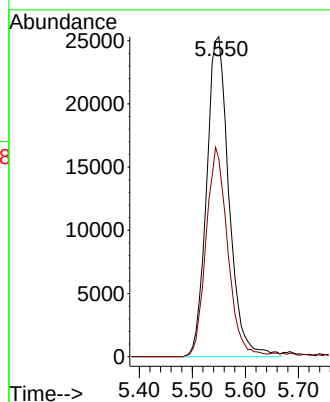
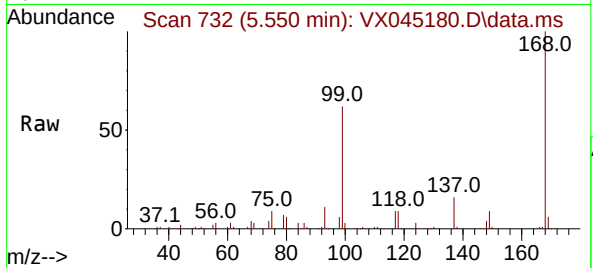




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

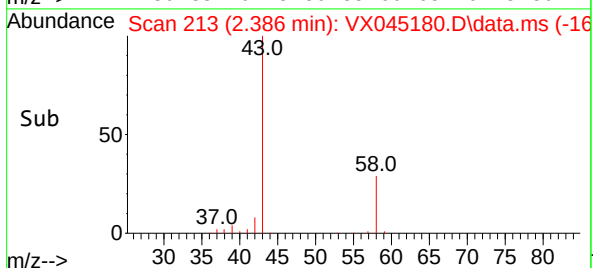
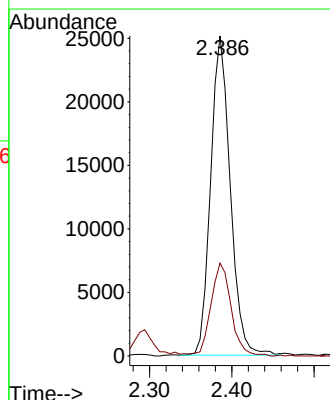
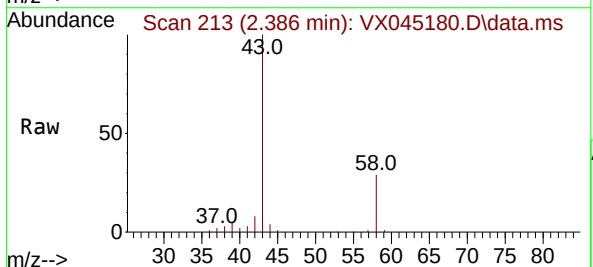
Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

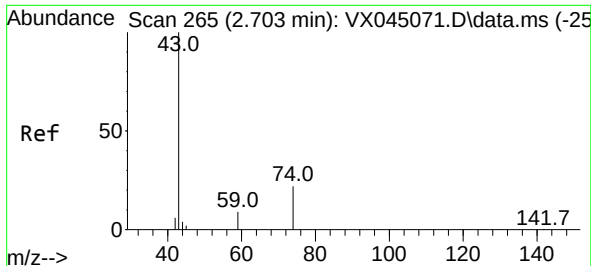
Tgt Ion:168 Resp: 74182
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4



#16
Acetone
Concen: 76.097 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 43 Resp: 41661
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4

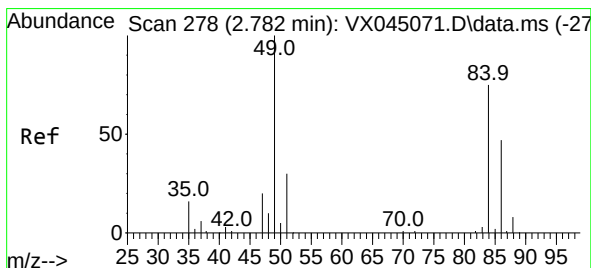
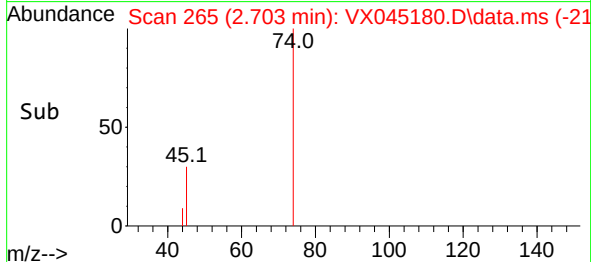
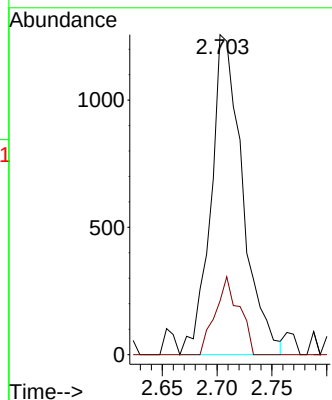
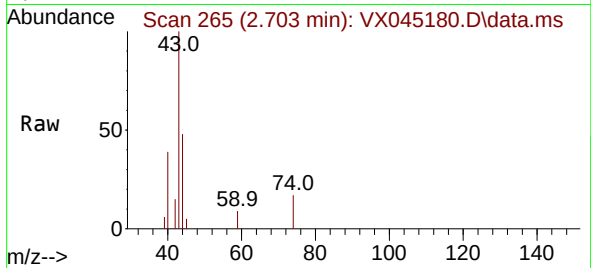




#18
Methyl Acetate
Concen: 1.918 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

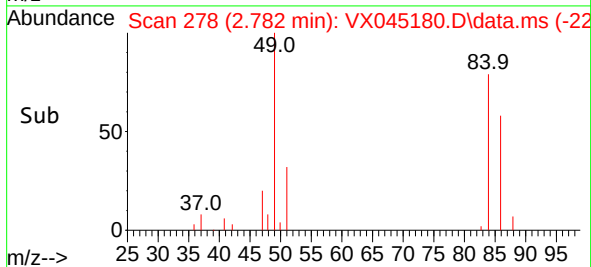
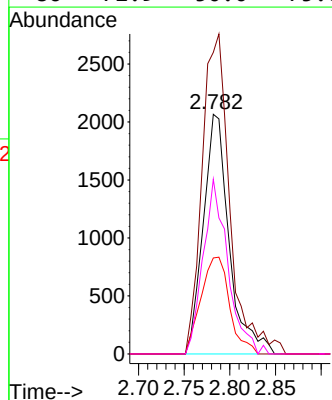
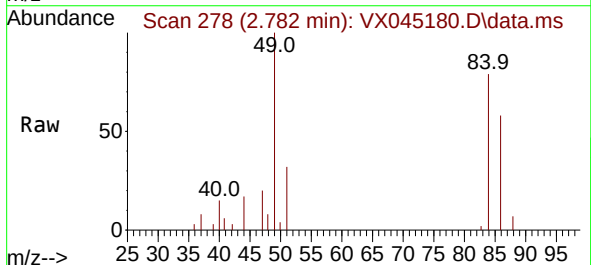
Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

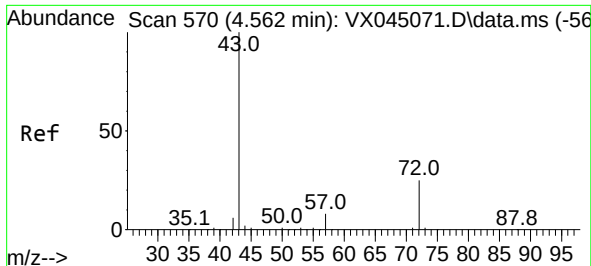
Tgt Ion: 43 Resp: 2526
Ion Ratio Lower Upper
43 100
74 18.4 17.4 26.2



#20
Methylene Chloride
Concen: 3.746 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 84 Resp: 4062
Ion Ratio Lower Upper
84 100
49 125.8 106.5 159.7
51 40.0 32.1 48.1
86 72.9 50.0 75.0

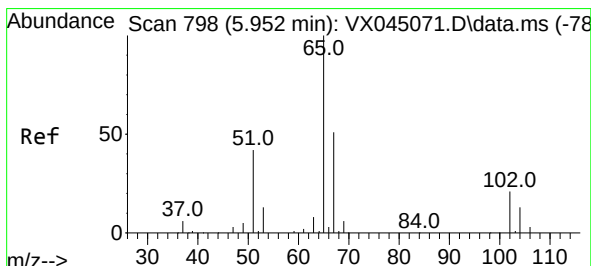
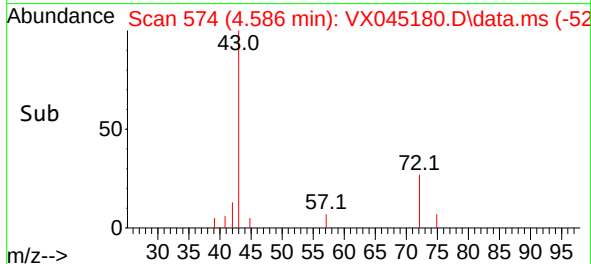
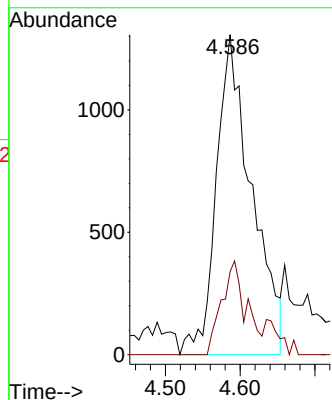
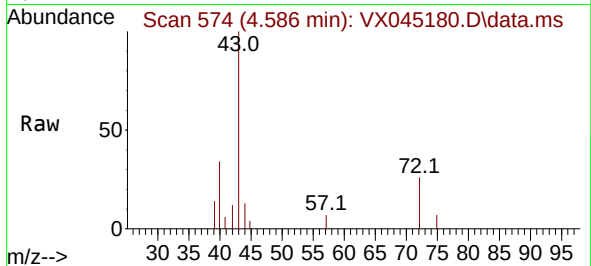




#25
2-Butanone
Concen: 5.208 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

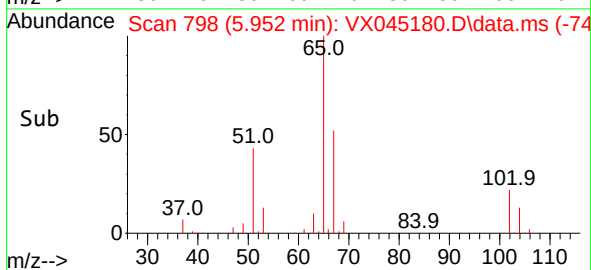
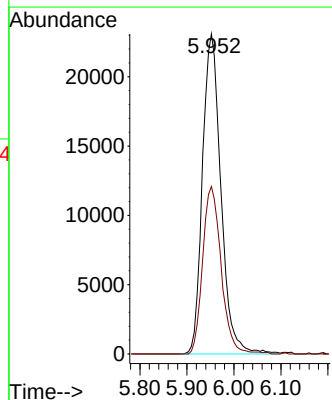
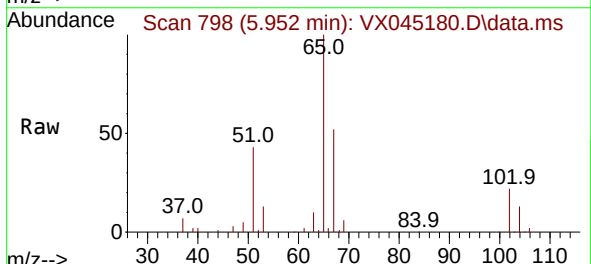
Instrument :
MSVOA_X
ClientSampleId :
IDW-SO-DRUM-582-022825

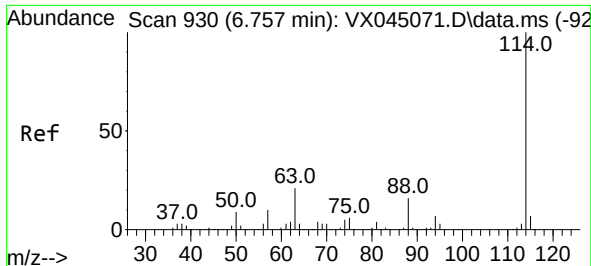
Tgt Ion: 43 Resp: 4292
Ion Ratio Lower Upper
43 100
72 26.0 20.0 30.0



#33
1,2-Dichloroethane-d4
Concen: 53.338 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 65 Resp: 62937
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.2

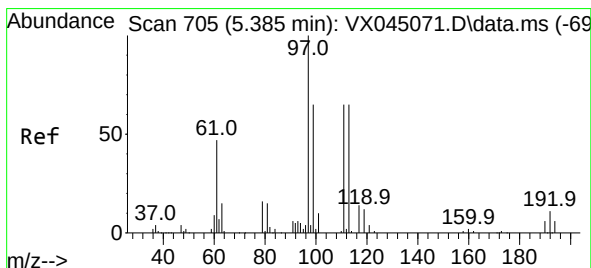
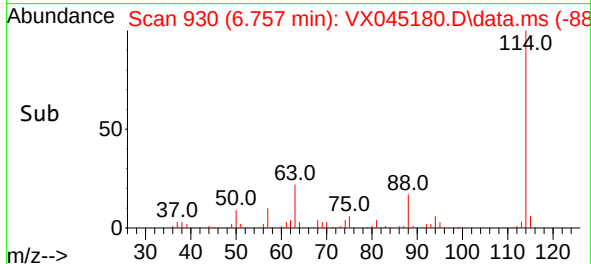
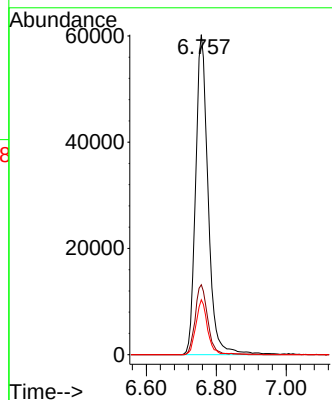
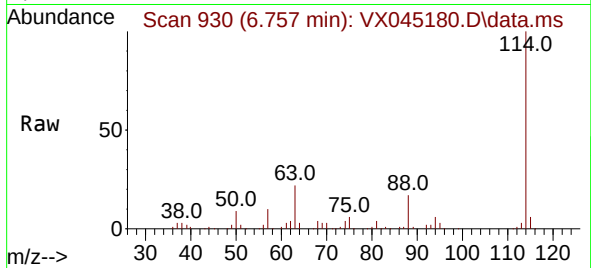




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

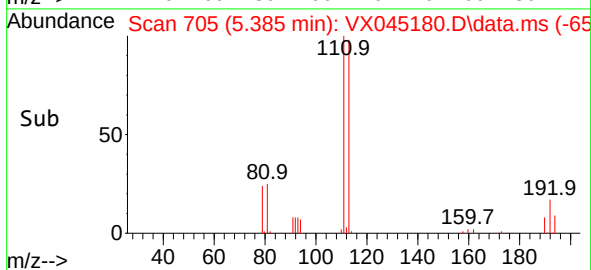
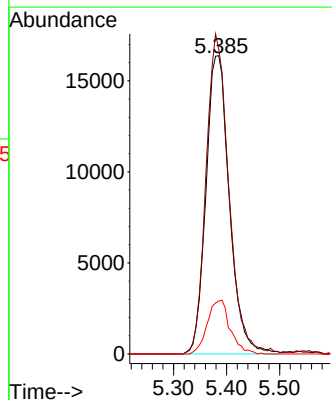
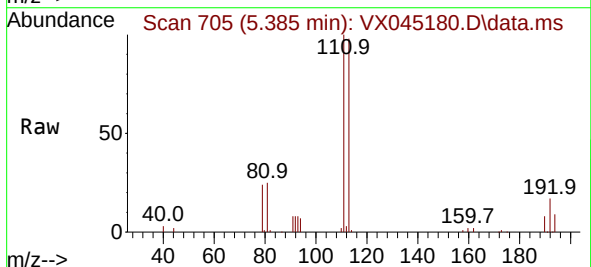
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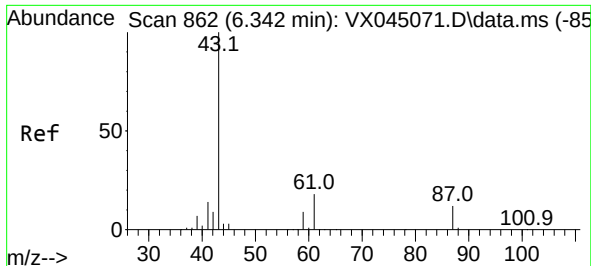
Tgt Ion:114 Resp: 149089
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.518 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion:113 Resp: 50362
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.6
192 17.5 14.3 21.5

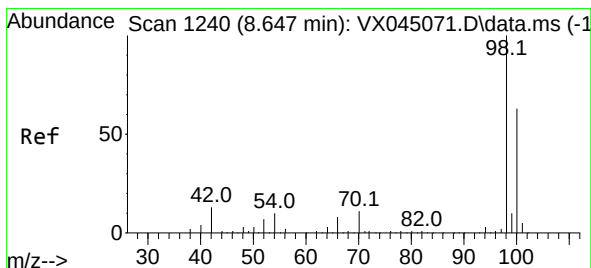
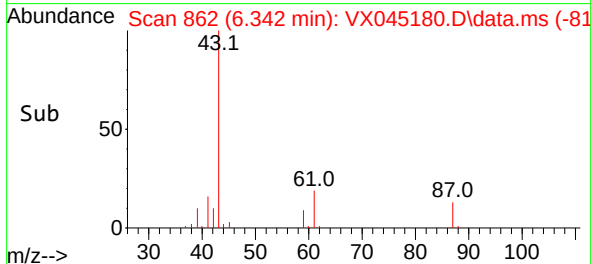
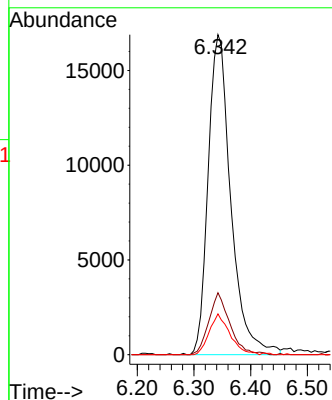
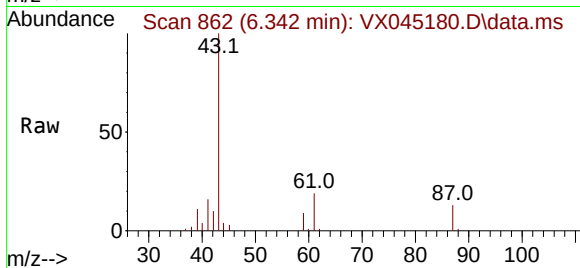




#43
Isopropyl Acetate
Concen: 18.022 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

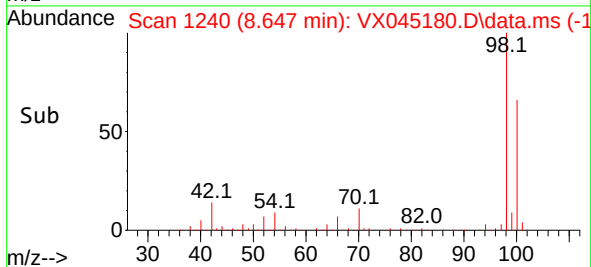
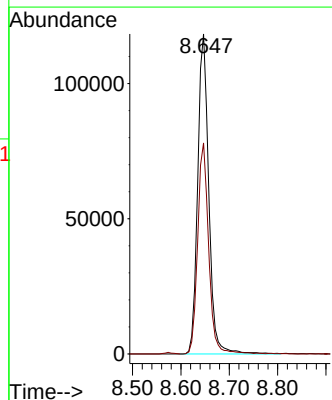
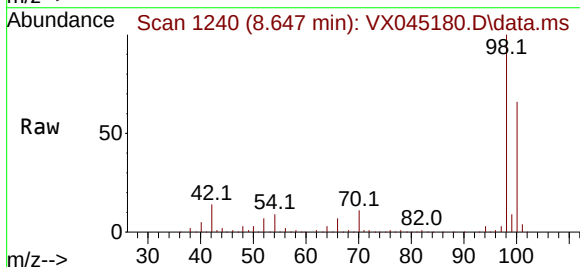
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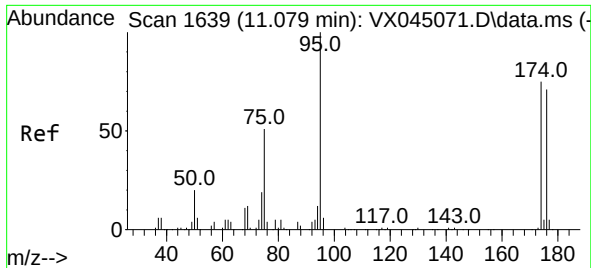
Tgt Ion: 43	Resp: 46947
Ion Ratio	Lower Upper
43	100
61	17.9 14.9 22.3
87	11.6 9.4 14.2



#50
Toluene-d8
Concen: 51.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

Tgt Ion: 98	Resp: 187727
Ion Ratio	Lower Upper
98	100
100	65.6 52.0 78.0

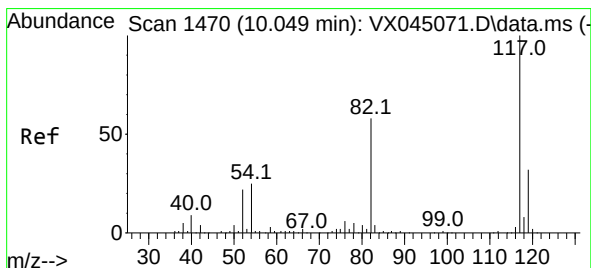
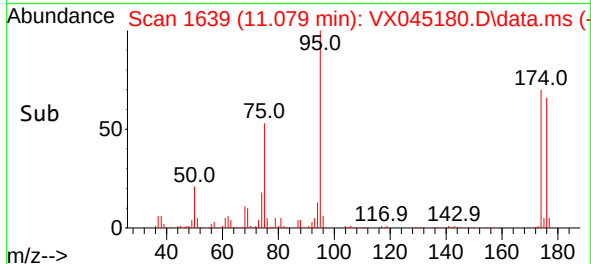
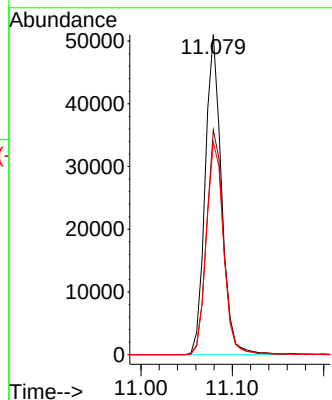
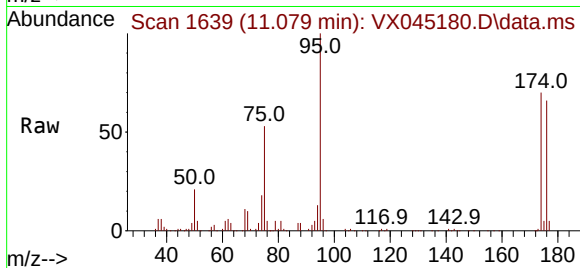




#62
4-Bromofluorobenzene
Concen: 52.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

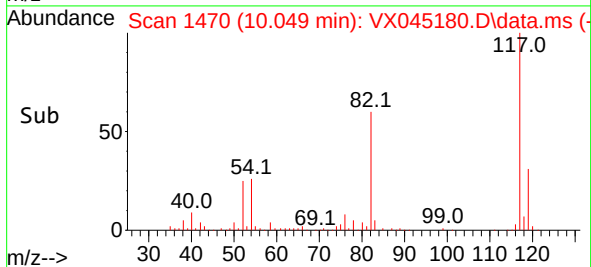
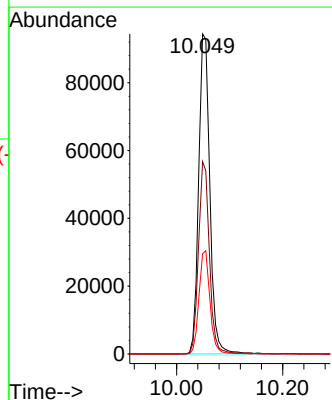
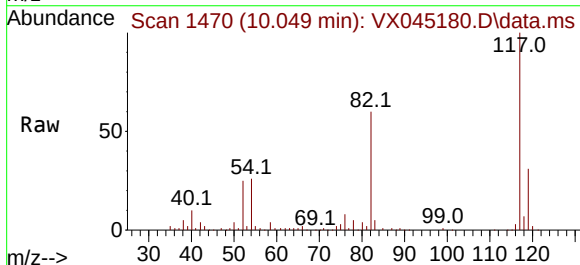
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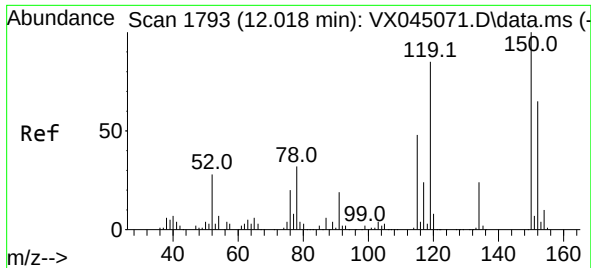
Tgt Ion: 95 Resp: 62997
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.2
176 70.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045180.D
Acq: 06 Mar 2025 19:45

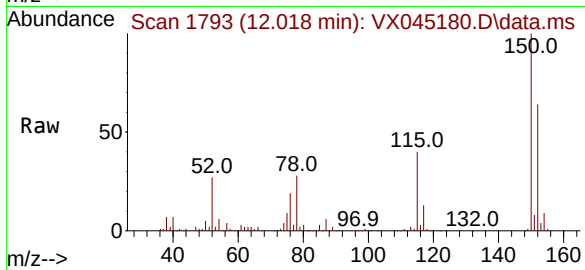
Tgt Ion: 117 Resp: 138397
Ion Ratio Lower Upper
117 100
82 60.1 46.3 69.5
119 31.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045180.D
 Acq: 06 Mar 2025 19:45

Instrument :
 MSVOA_X
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Tgt Ion:	152	Resp:	57244
Ion	Ratio	Lower	Upper
152	100		
115	61.3	44.2	132.6
150	155.6	0.0	349.0

