

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045692.D
 Acq On : 10 Apr 2025 12:40
 Operator : JC/MD
 Sample : Q1748-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IB-2A-WC

Quant Time: Apr 11 01:55:05 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)

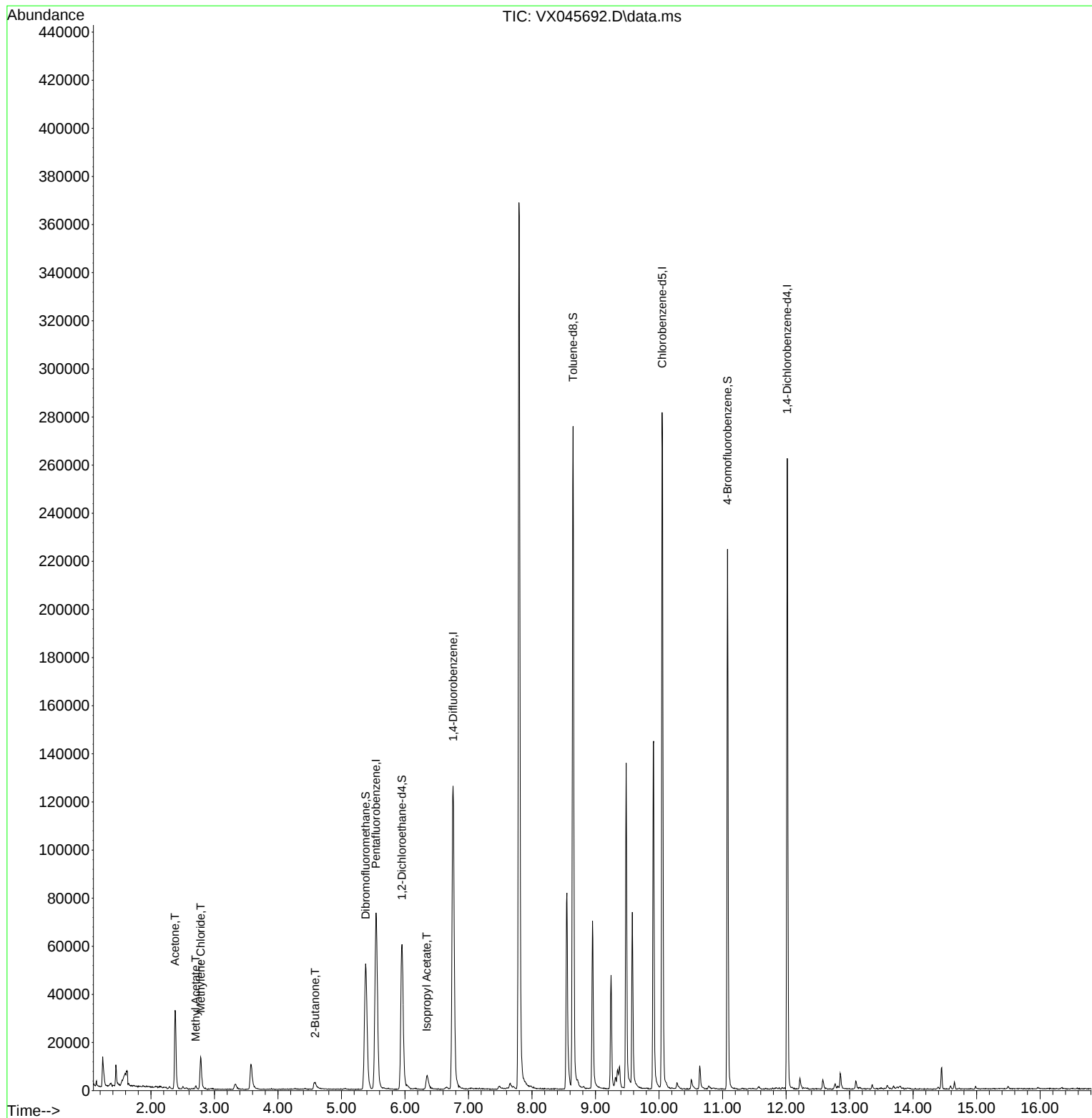
Internal Standards						
1) Pentafluorobenzene	5.544	168	61467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63727	56.693	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.380%
35) Dibromofluoromethane	5.379	113	45362	52.512	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	8.647	98	156266	51.827	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.660%
62) 4-Bromofluorobenzene	11.079	95	57865	52.687	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.380%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	36834	79.801	ug/l	98
18) Methyl Acetate	2.703	43	1736	1.634	ug/l	92
20) Methylene Chloride	2.782	84	5933	6.866	ug/l	94
25) 2-Butanone	4.587	43	6494	9.611	ug/l	95
43) Isopropyl Acetate	6.342	43	8733	3.920	ug/l	95

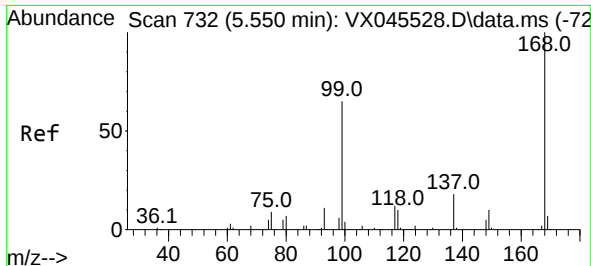
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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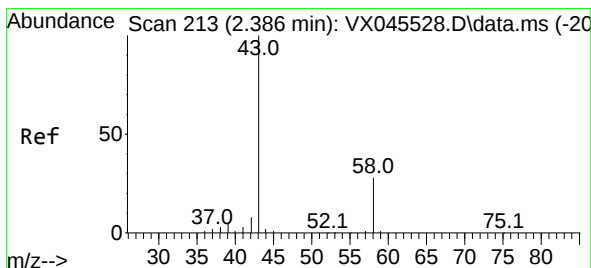
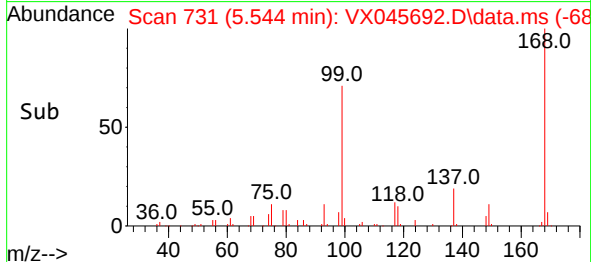
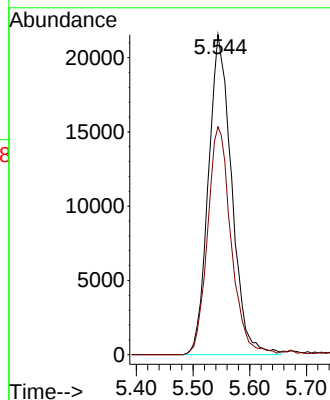
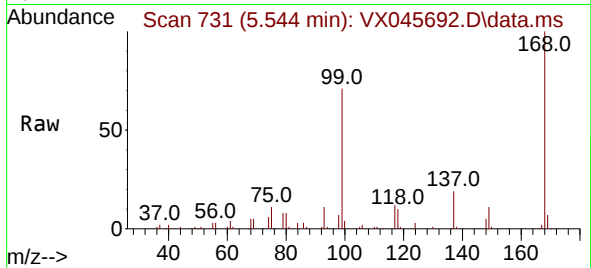




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

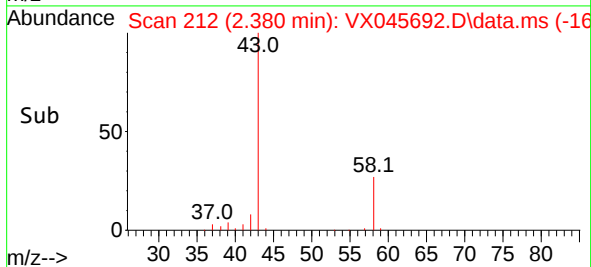
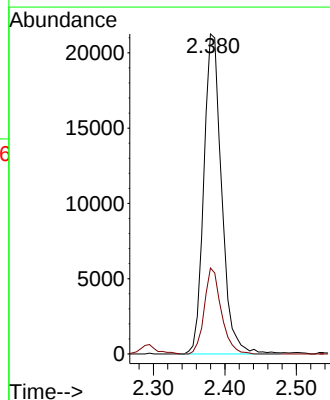
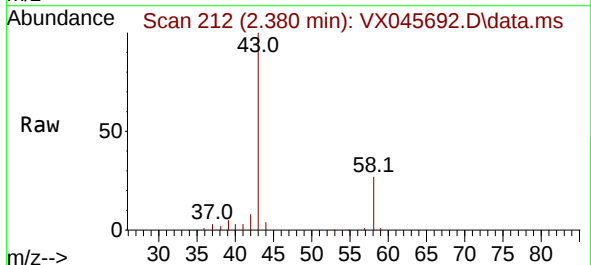
Instrument :
MSVOA_X
ClientSampleId :
IB-2A-WC

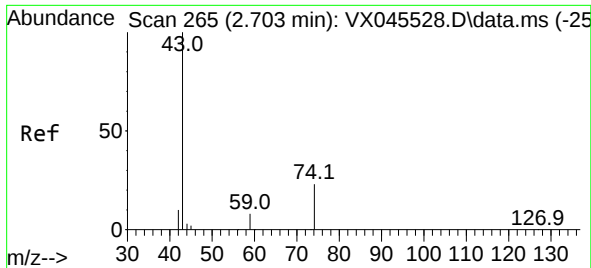
Tgt Ion:168 Resp: 61467
Ion Ratio Lower Upper
168 100
99 71.2 52.3 78.5



#16
Acetone
Concen: 79.801 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

Tgt Ion: 43 Resp: 36834
Ion Ratio Lower Upper
43 100
58 26.8 22.3 33.5

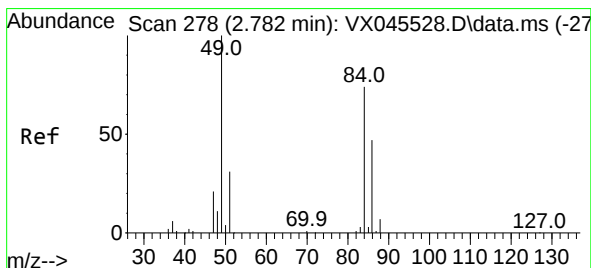
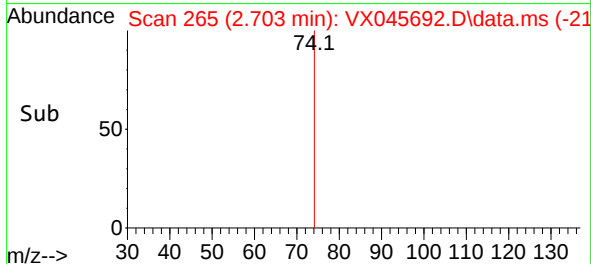
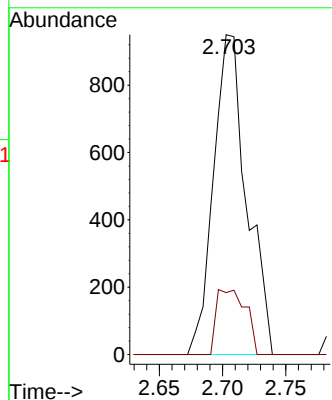
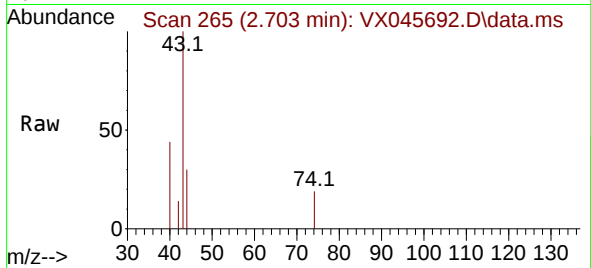




#18
Methyl Acetate
Concen: 1.634 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

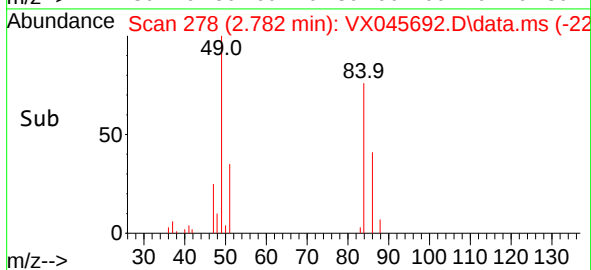
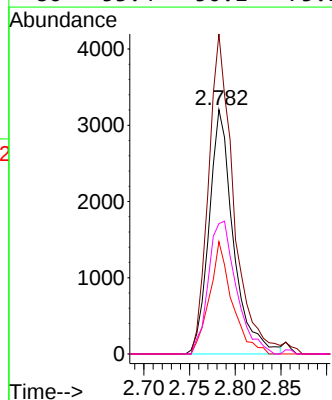
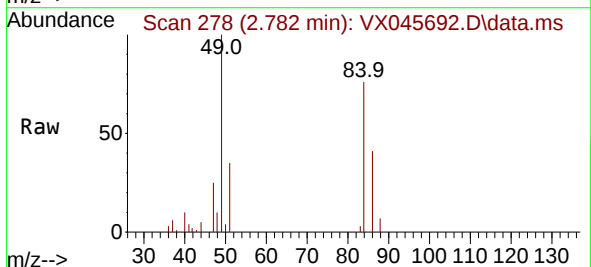
Instrument :
MSVOA_X
ClientSampleId :
IB-2A-WC

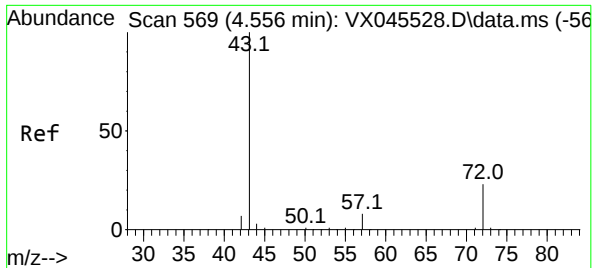
Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
74 17.9 17.5 26.3



#20
Methylene Chloride
Concen: 6.866 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

Tgt Ion: 84 Resp: 5933
Ion Ratio Lower Upper
84 100
49 130.9 107.5 161.3
51 46.0 33.0 49.6
86 53.4 50.1 75.1

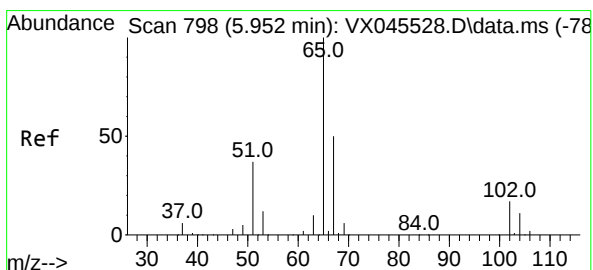
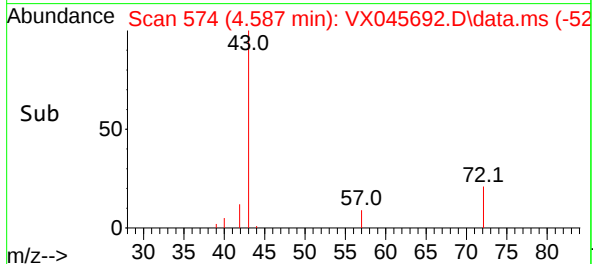
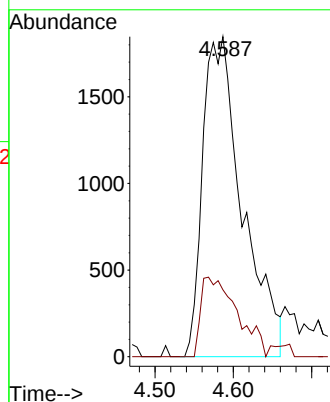
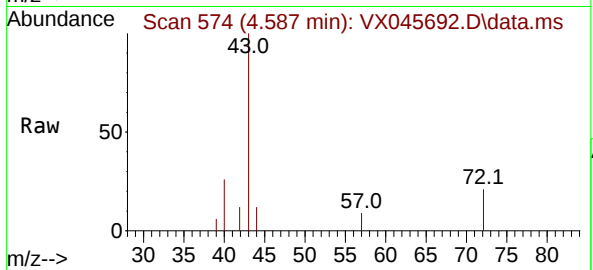




#25
2-Butanone
Concen: 9.611 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

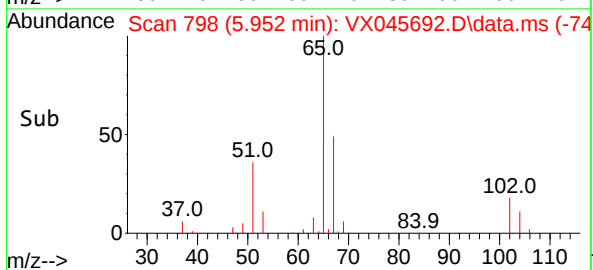
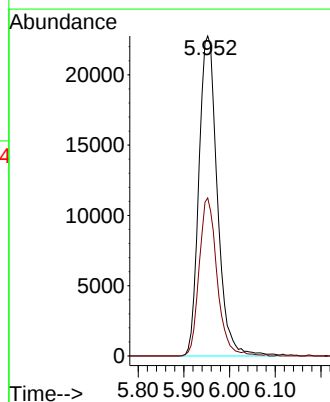
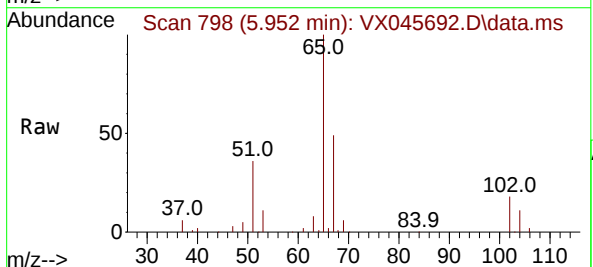
Instrument :
MSVOA_X
ClientSampleId :
IB-2A-WC

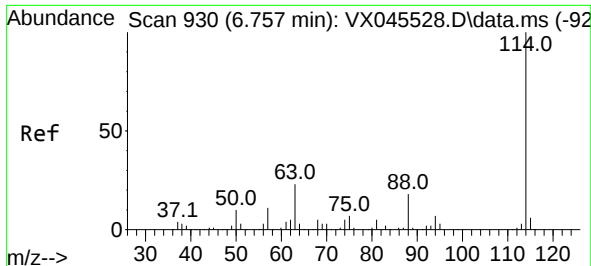
Tgt Ion: 43 Resp: 6494
Ion Ratio Lower Upper
43 100
72 20.9 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 56.693 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

Tgt Ion: 65 Resp: 63727
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.0

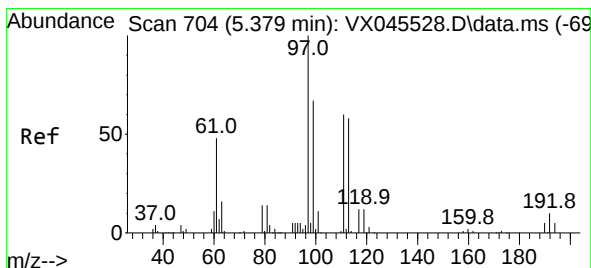
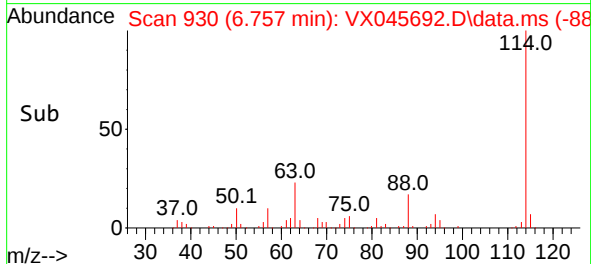
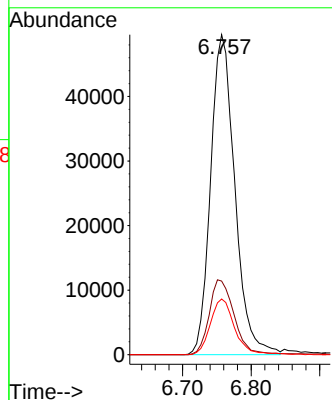
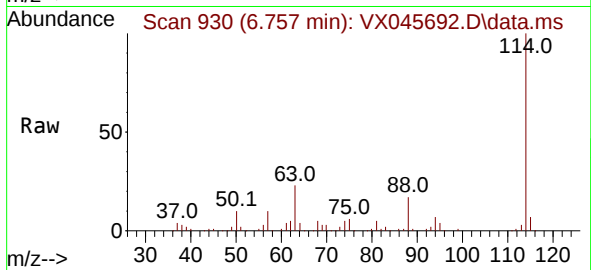




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

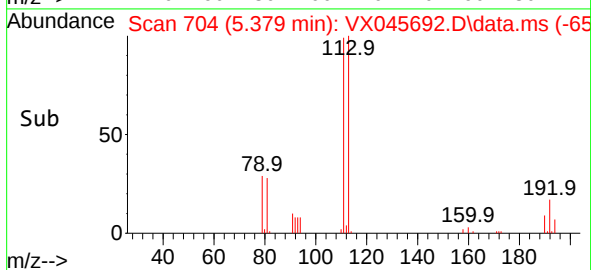
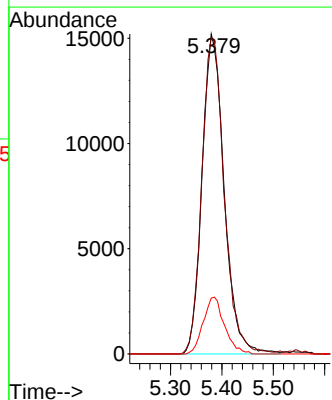
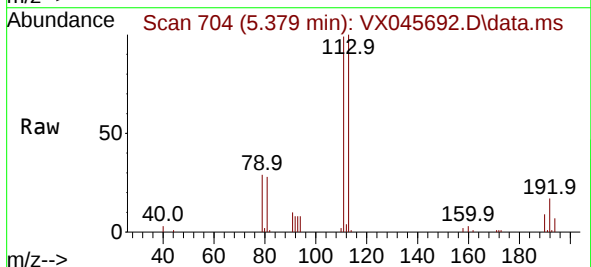
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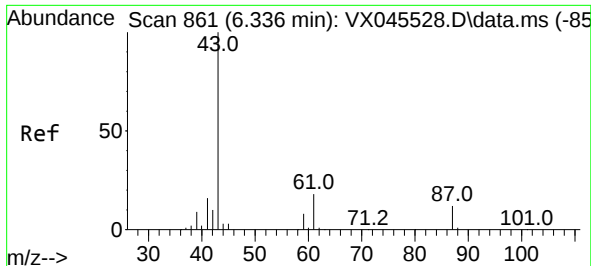
Tgt Ion:114 Resp: 121754
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.512 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

Tgt Ion:113 Resp: 45362
Ion Ratio Lower Upper
113 100
111 100.4 81.8 122.6
192 17.0 13.8 20.6

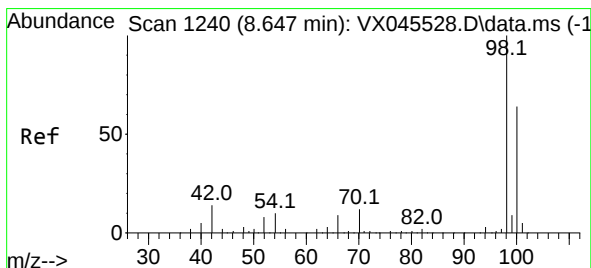
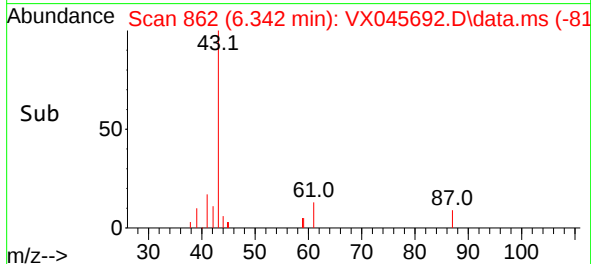
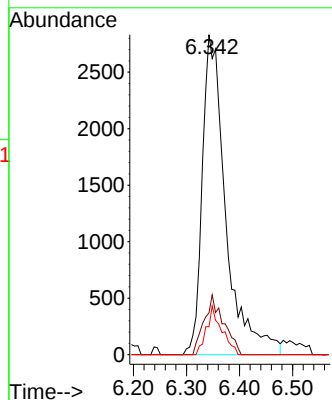
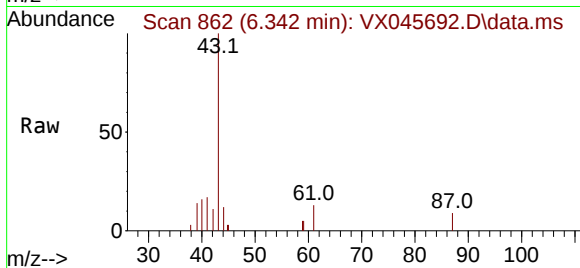




#43
Isopropyl Acetate
Concen: 3.920 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

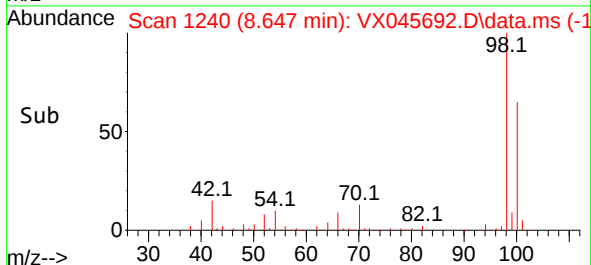
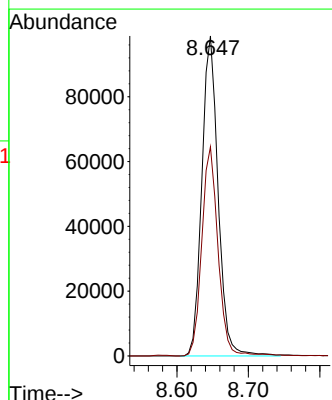
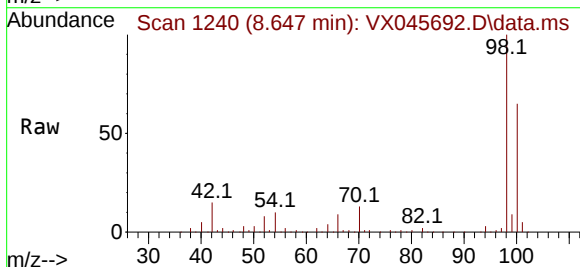
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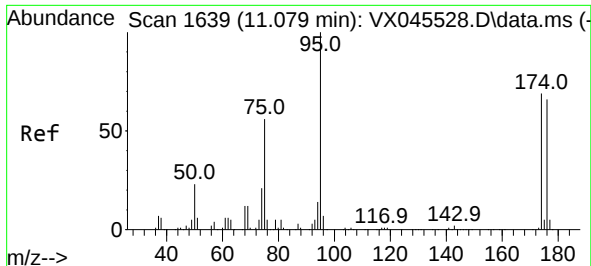
Tgt Ion: 43 Resp: 8733
Ion Ratio Lower Upper
43 100
61 15.5 14.1 21.1
87 9.8 9.2 13.8



#50
Toluene-d8
Concen: 51.827 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

Tgt Ion: 98 Resp: 156266
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

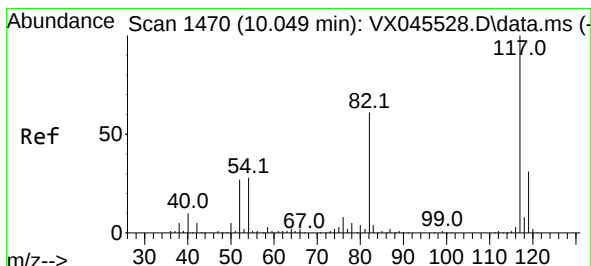
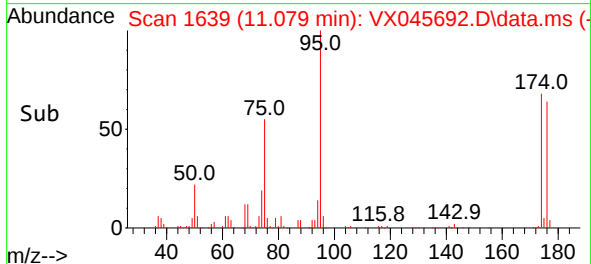
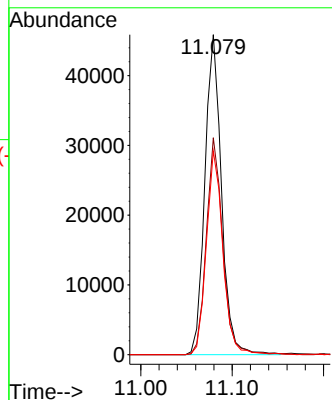
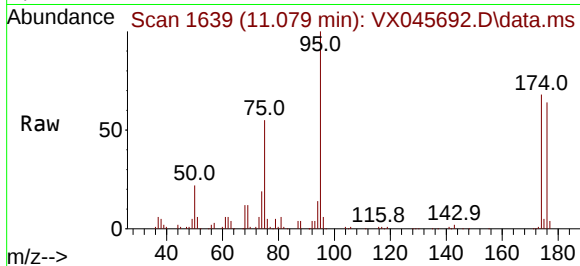




#62
4-Bromofluorobenzene
Concen: 52.687 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

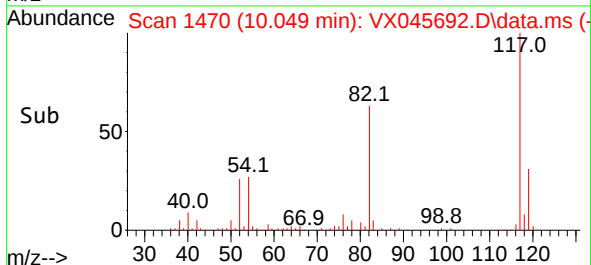
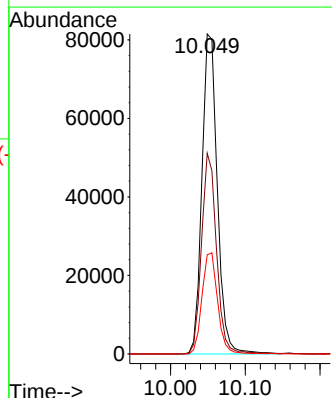
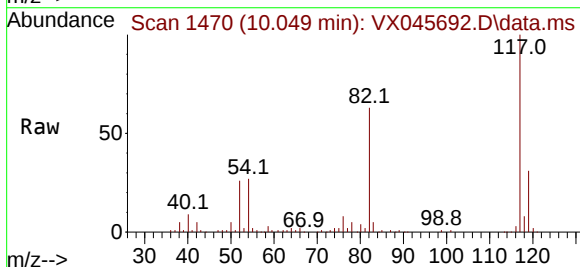
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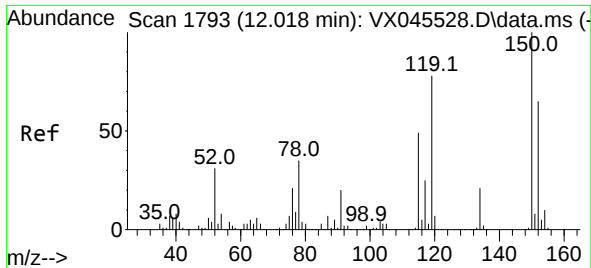
Tgt Ion: 95 Resp: 57865
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 63.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045692.D
Acq: 10 Apr 2025 12:40

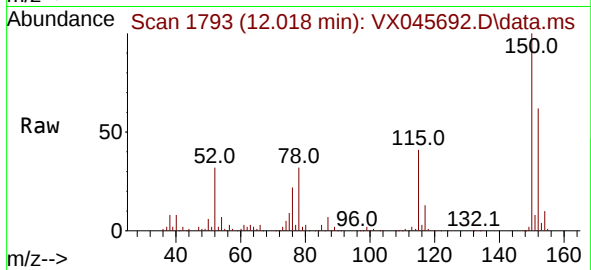
Tgt Ion: 117 Resp: 116603
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 31.0 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045692.D
 Acq: 10 Apr 2025 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 47163
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 156.6 0.0 349.4

