

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047025.D
 Acq On : 16 Jul 2025 13:20
 Operator : JC/MD
 Sample : Q2592-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20250711

Quant Time: Jul 17 03:32:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

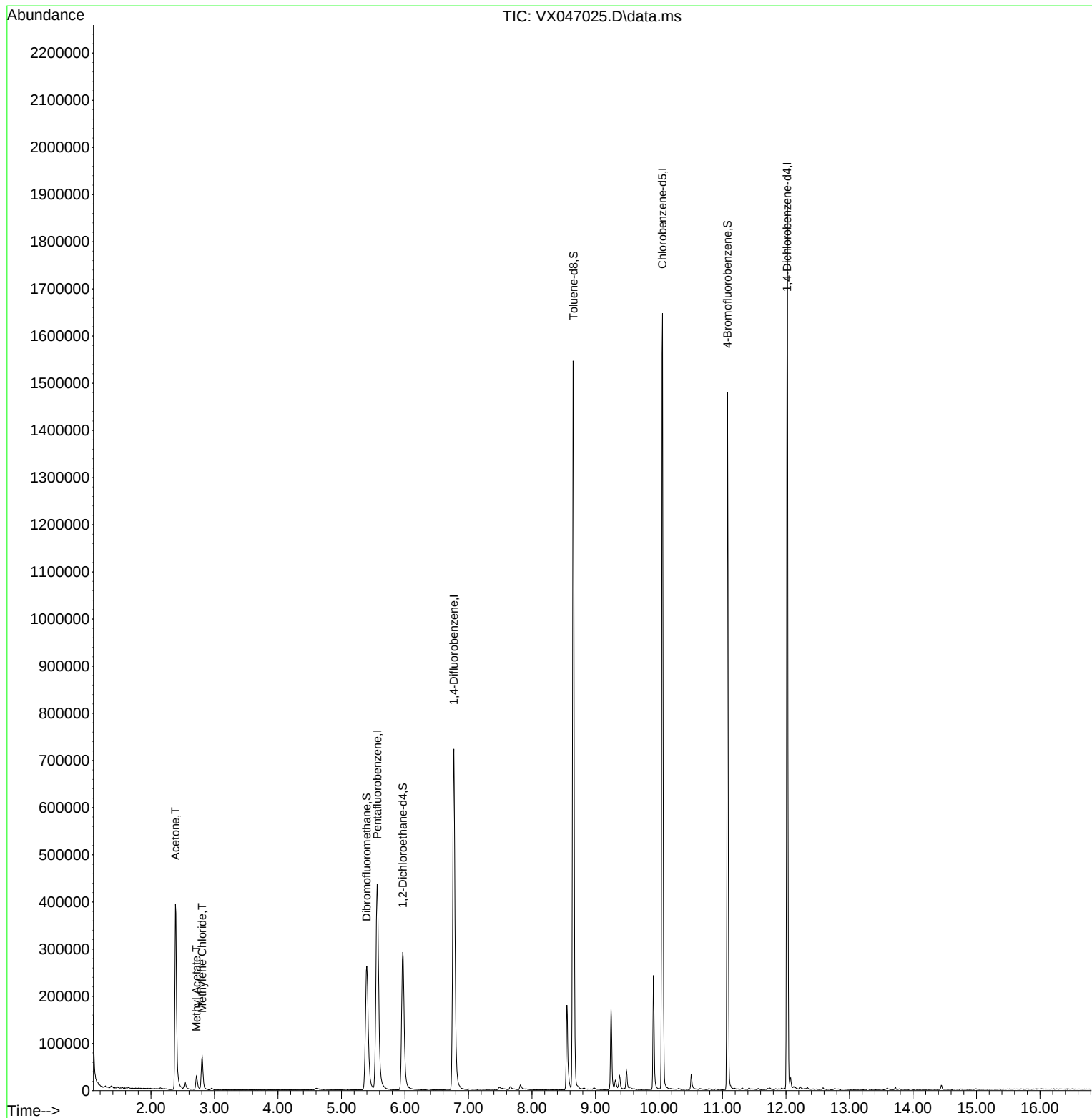
Internal Standards						
1) Pentafluorobenzene	5.562	168	432741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	774714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	742893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	381197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	304614	53.283	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.560%	
35) Dibromofluoromethane	5.397	113	251600	47.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.680%	
50) Toluene-d8	8.653	98	946034	50.988	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	393534	55.808	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.620%	
Target Compounds						
						Qvalue
16) Acetone	2.386	43	479708	270.136	ug/l	95
18) Methyl Acetate	2.715	43	41238	8.810	ug/l	95
20) Methylene Chloride	2.806	84	34541	6.578	ug/l	93

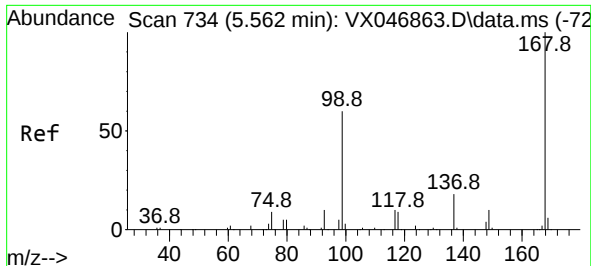
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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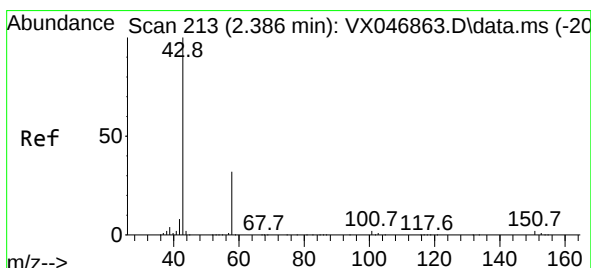
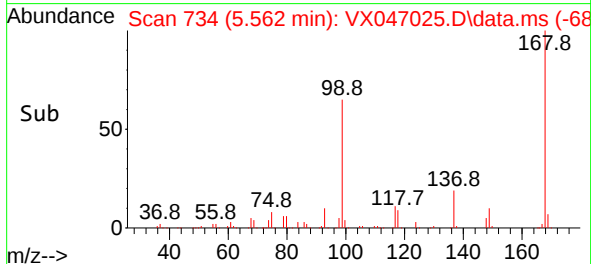
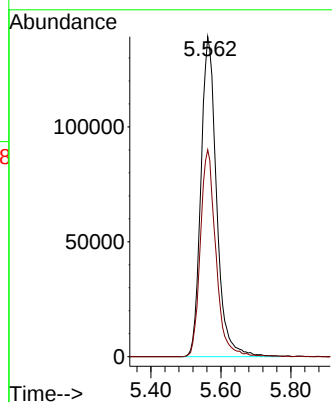
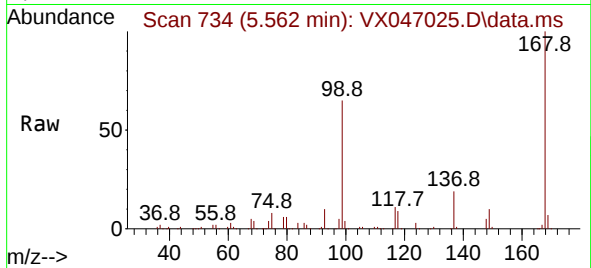




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

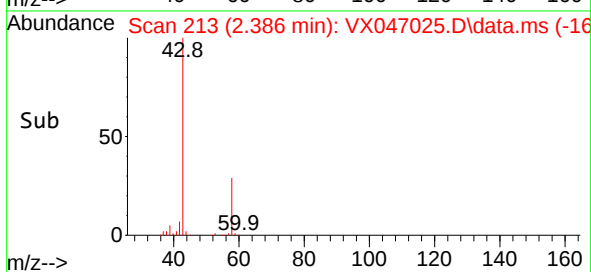
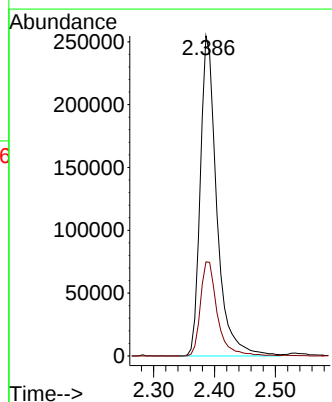
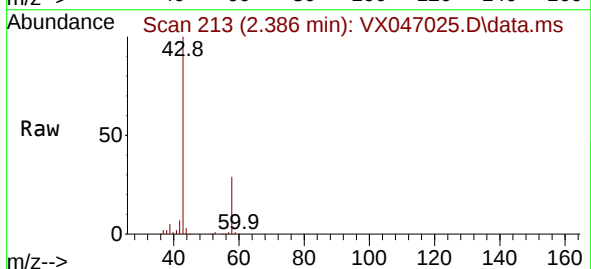
Instrument :
MSVOA_X
ClientSampleId :
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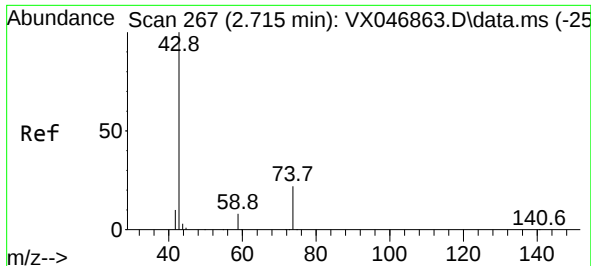
Tgt Ion:168 Resp: 432741
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#16
Acetone
Concen: 270.136 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

Tgt Ion: 43 Resp: 479708
Ion Ratio Lower Upper
43 100
58 29.4 25.8 38.6

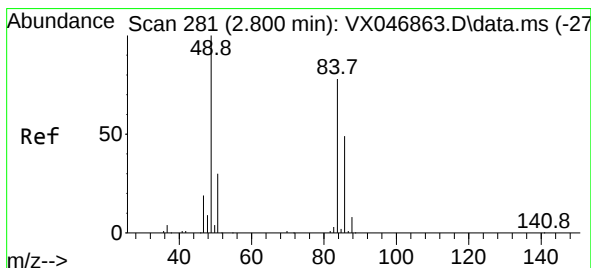
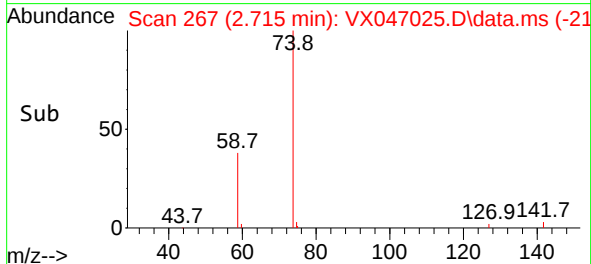
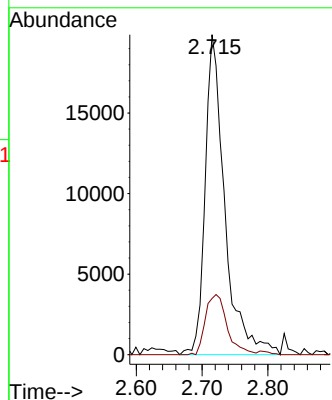
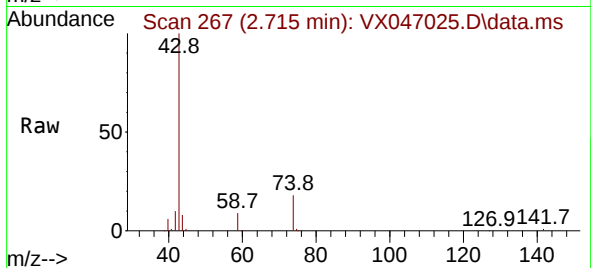




#18
Methyl Acetate
Concen: 8.810 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

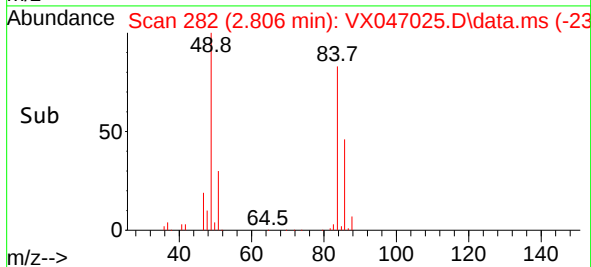
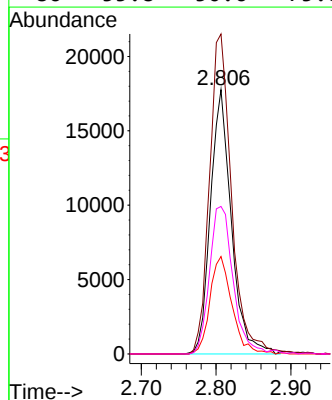
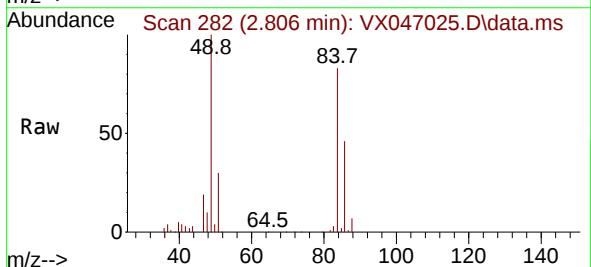
Instrument :
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ClientSampleId :
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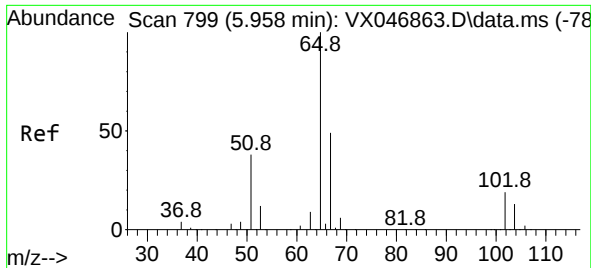
Tgt Ion: 43 Resp: 41238
Ion Ratio Lower Upper
43 100
74 20.7 18.3 27.5



#20
Methylene Chloride
Concen: 6.578 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

Tgt Ion: 84 Resp: 34541
Ion Ratio Lower Upper
84 100
49 121.1 102.8 154.2
51 36.9 31.1 46.7
86 55.8 50.6 75.8

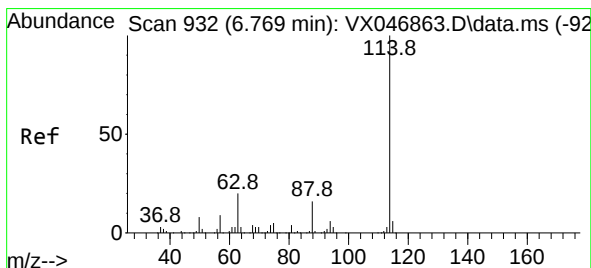
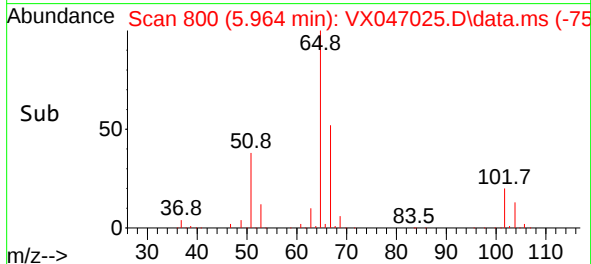
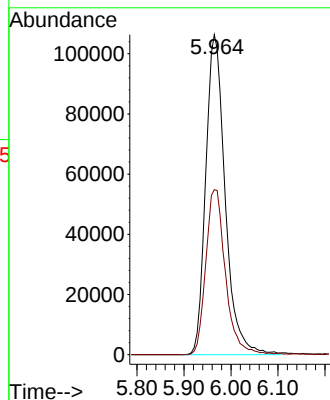
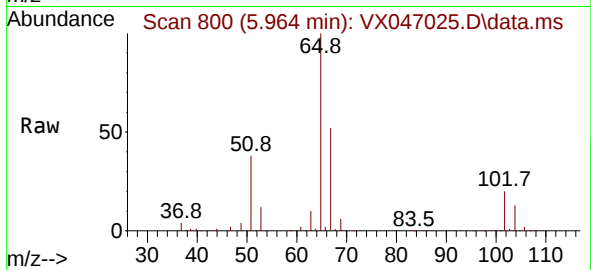




#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

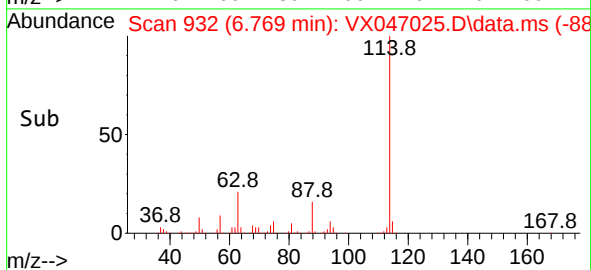
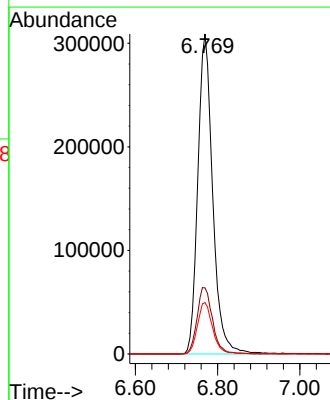
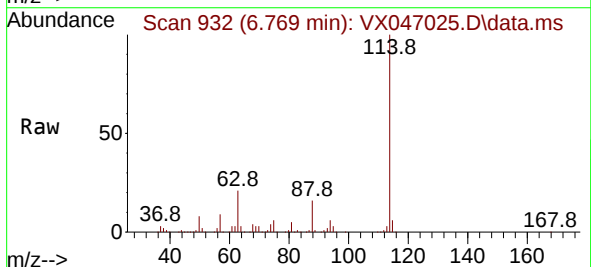
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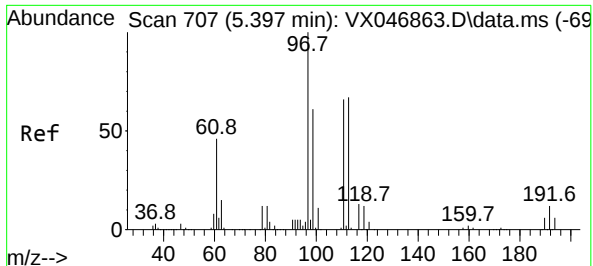
Tgt Ion: 65 Resp: 304614
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

Tgt Ion: 114 Resp: 774714
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.4
88 16.1 0.0 31.0

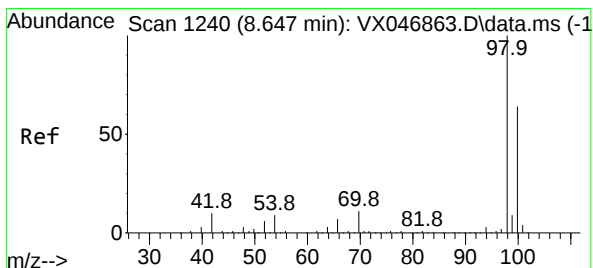
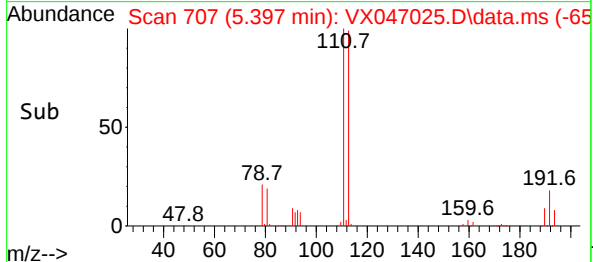
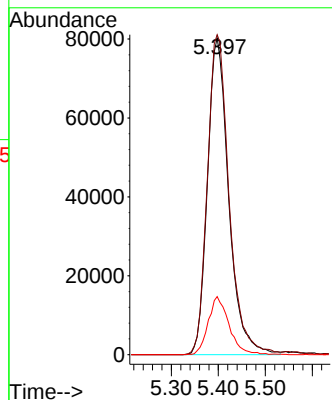
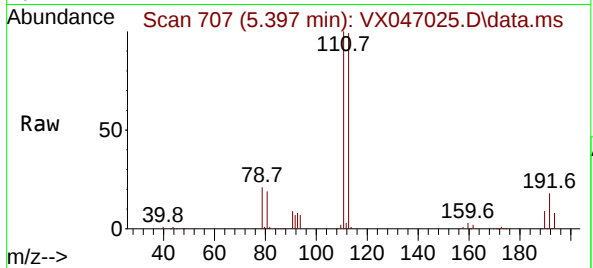




#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

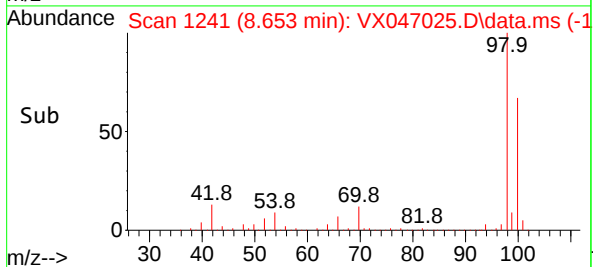
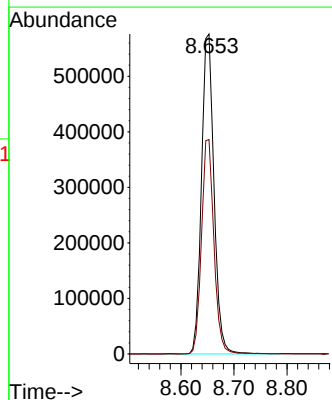
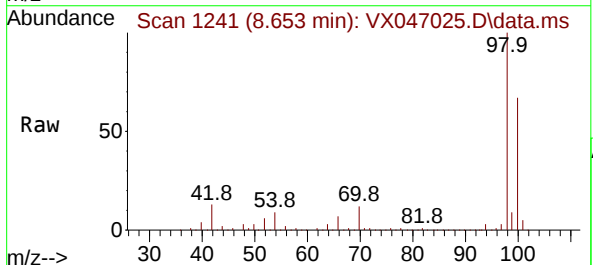
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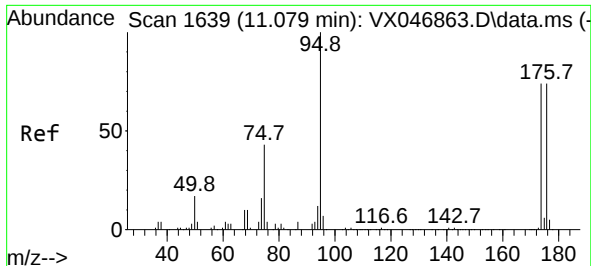
Tgt Ion:113 Resp: 251600
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 18.1 15.3 22.9



#50
Toluene-d8
Concen: 50.988 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

Tgt Ion: 98 Resp: 946034
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

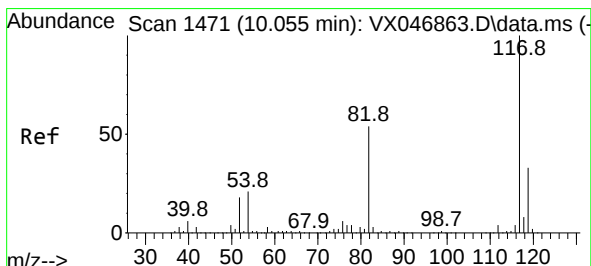
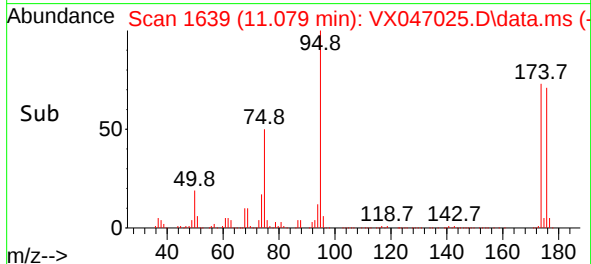
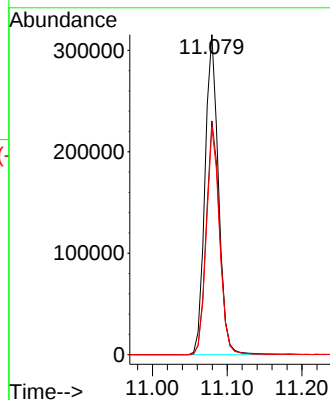
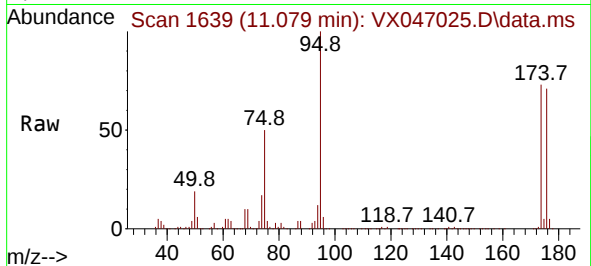




#62
4-Bromofluorobenzene
Concen: 55.808 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

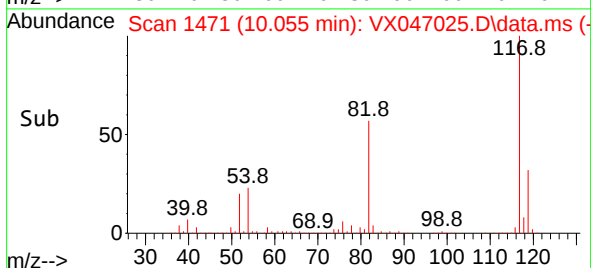
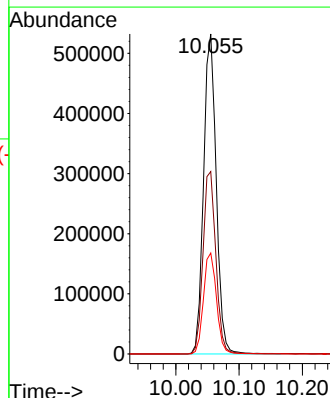
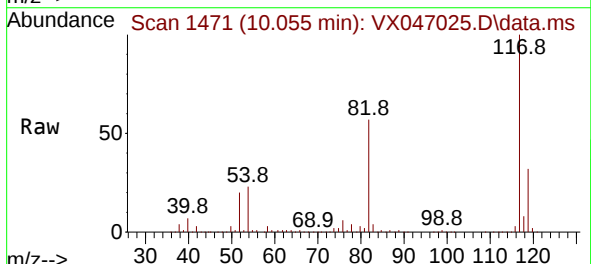
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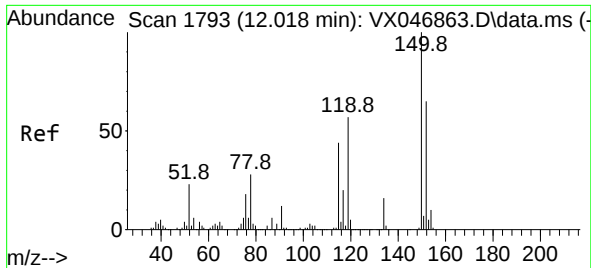
Tgt Ion: 95 Resp: 393534
Ion Ratio Lower Upper
95 100
174 72.9 0.0 152.0
176 70.0 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047025.D
Acq: 16 Jul 2025 13:20

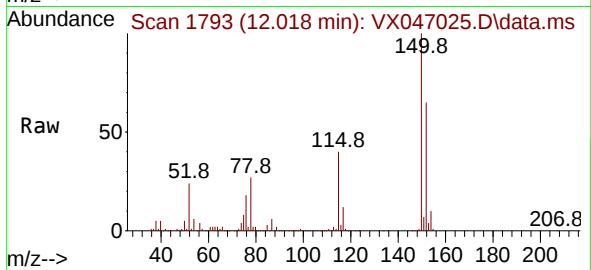
Tgt Ion: 117 Resp: 742893
Ion Ratio Lower Upper
117 100
82 57.0 43.3 64.9
119 31.5 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047025.D
 Acq: 16 Jul 2025 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20250711



Tgt Ion:152 Resp: 381197
 Ion Ratio Lower Upper
 152 100
 115 61.5 42.4 127.1
 150 155.7 0.0 349.2

