

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046479.D
 Acq On : 03 Jun 2025 17:40
 Operator : JC/MD
 Sample : Q2189-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-20250602

Quant Time: Jun 04 01:31:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

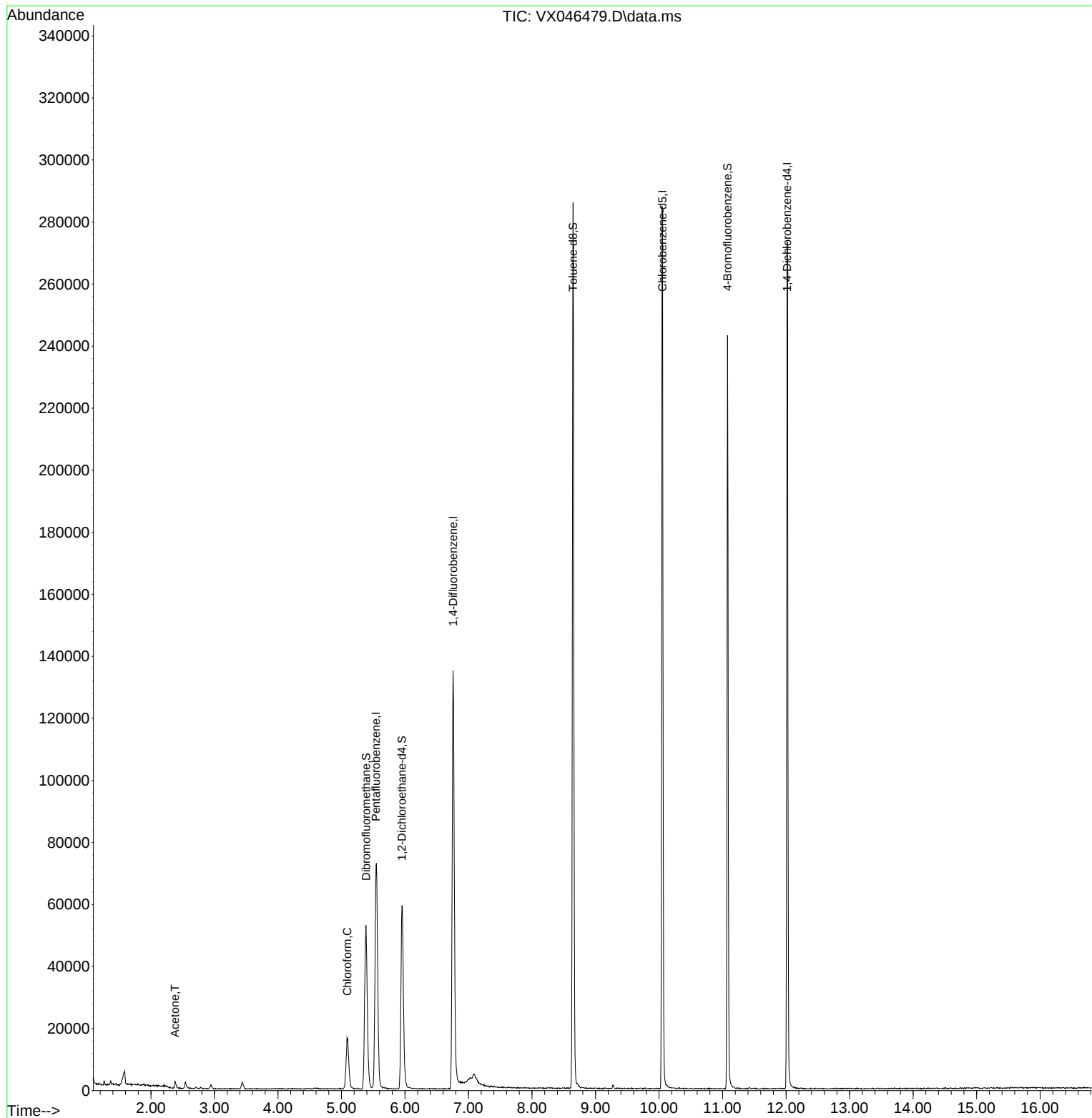
Internal Standards						
1) Pentafluorobenzene	5.544	168	61852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126563	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62246	53.981	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.385	113	45899	50.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	8.647	98	159294	50.498	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	63003	52.069	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2644	5.719	ug/l	96
30) Chloroform	5.092	83	19367	12.321	ug/l	92

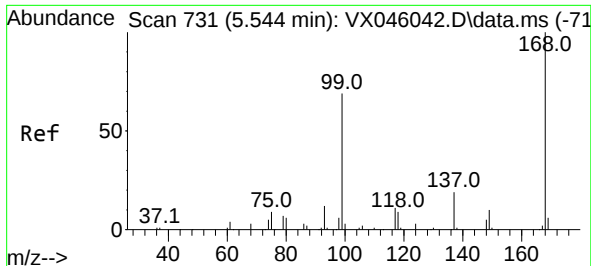
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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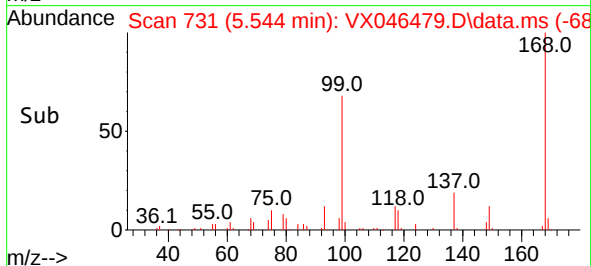
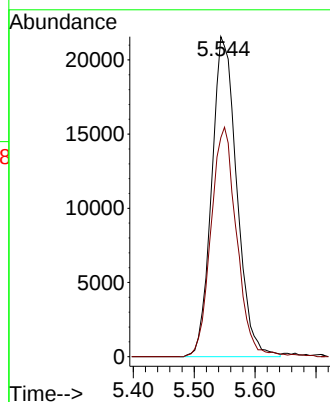
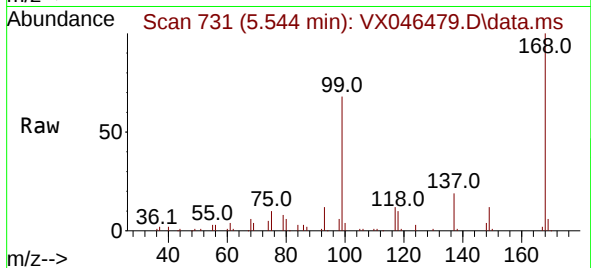




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

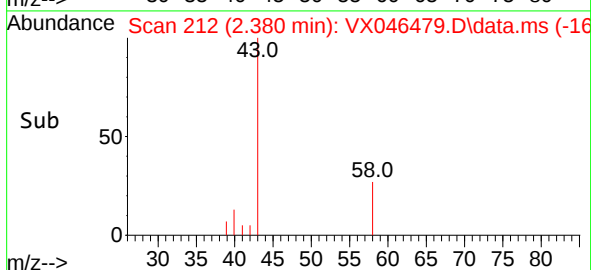
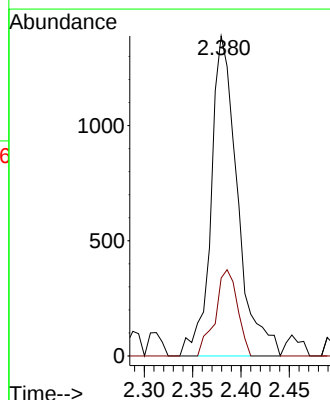
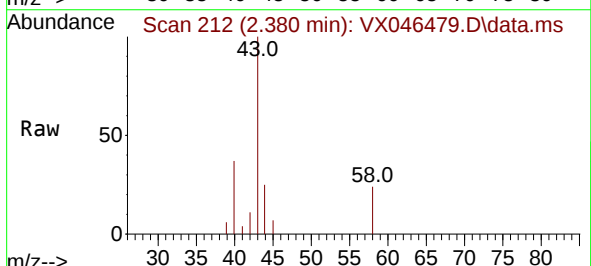
Instrument :
MSVOA_X
ClientSampleId :
MW-8-20250602

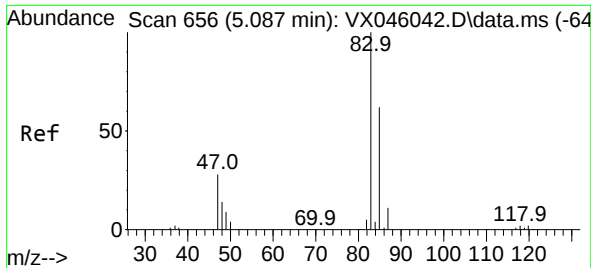
Tgt Ion:168 Resp: 61852
Ion Ratio Lower Upper
168 100
99 68.5 54.9 82.3



#16
Acetone
Concen: 5.719 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
58 24.3 21.2 31.8

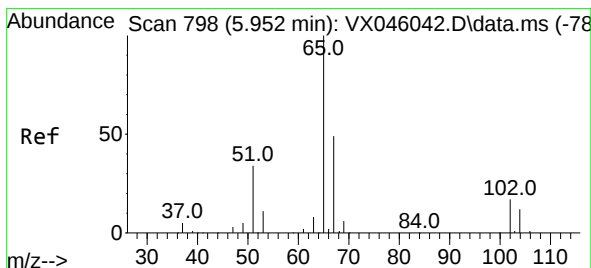
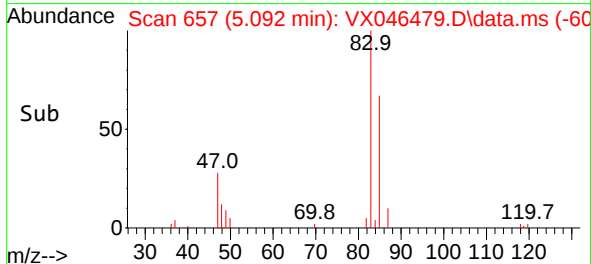
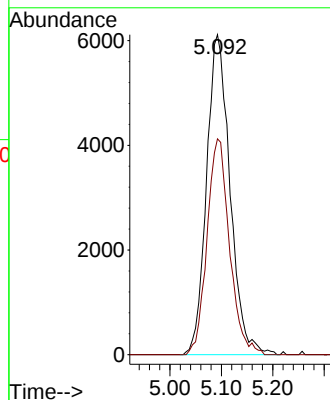
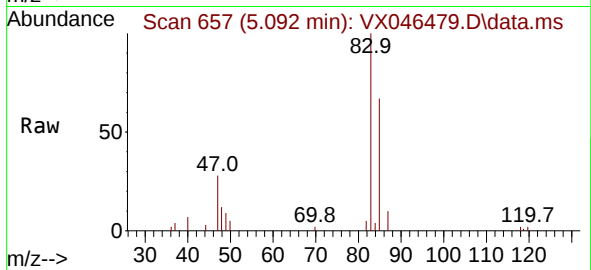




#30
Chloroform
Concen: 12.321 ug/l
RT: 5.092 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

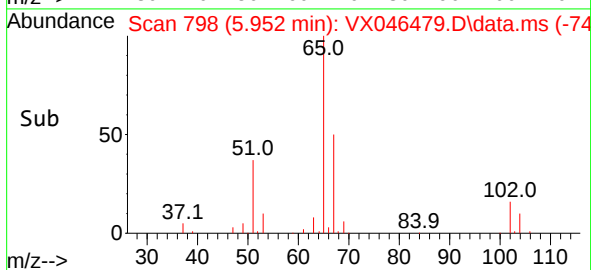
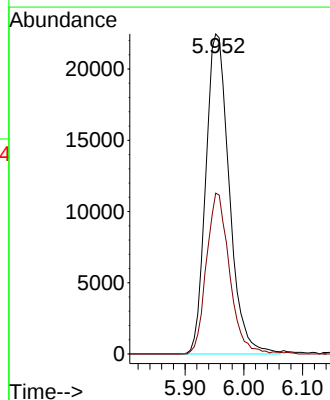
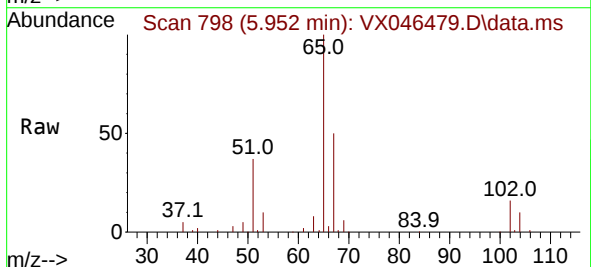
Instrument :
MSVOA_X
ClientSampleId :
MW-8-20250602

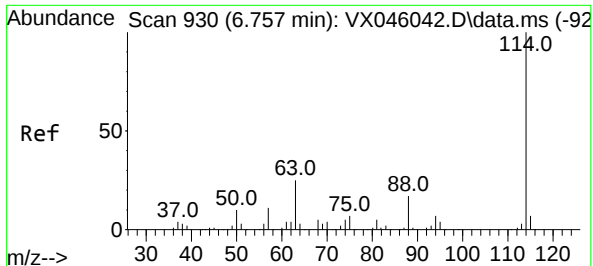
Tgt Ion: 83 Resp: 19367
Ion Ratio Lower Upper
83 100
85 67.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 53.981 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Tgt Ion: 65 Resp: 62246
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

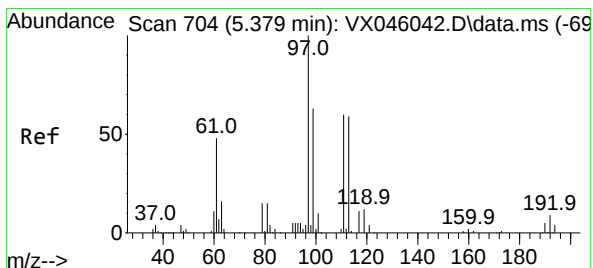
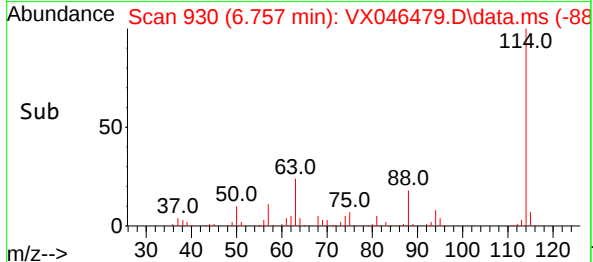
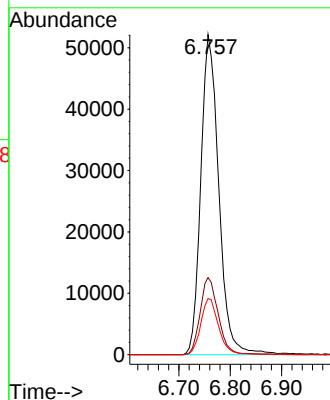
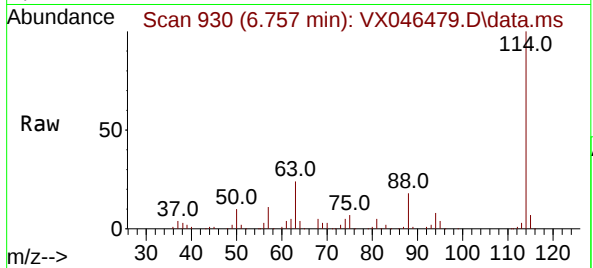




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

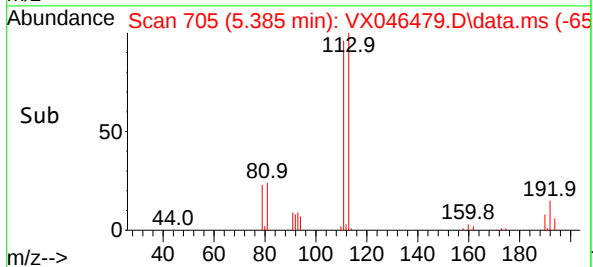
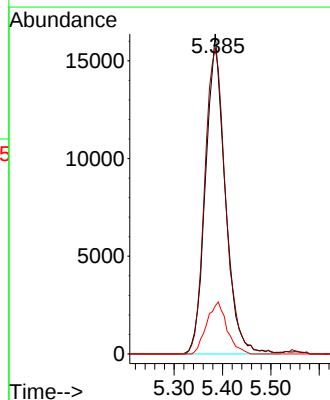
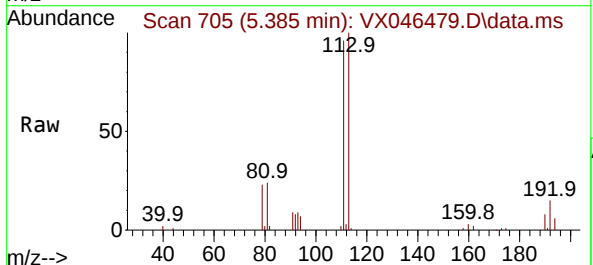
Instrument :
MSVOA_X
ClientSampleId :
MW-8-20250602

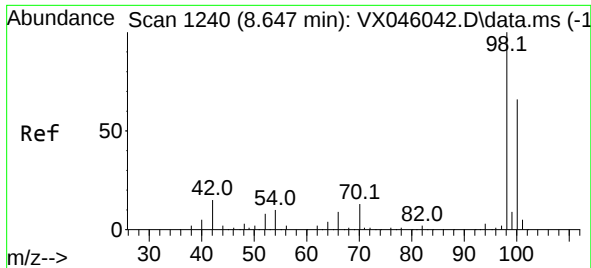
Tgt Ion:114	Resp: 126563
Ion Ratio	Lower Upper
114 100	
63 24.1	0.0 49.2
88 17.5	0.0 33.6



#35
Dibromofluoromethane
Concen: 50.362 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Tgt	Ion:113	Resp:	45899
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	16.9	13.3	19.9

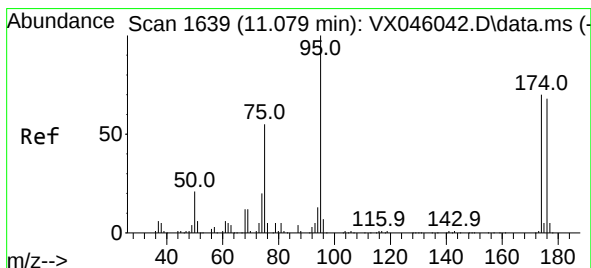
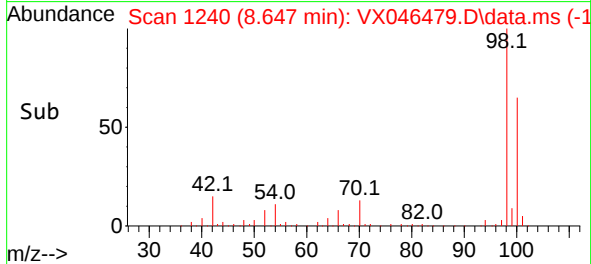
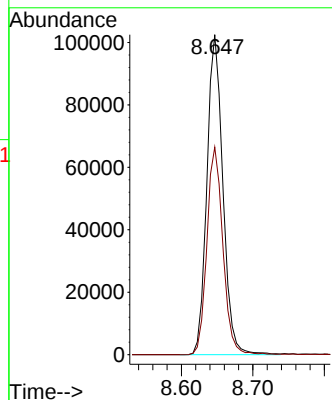
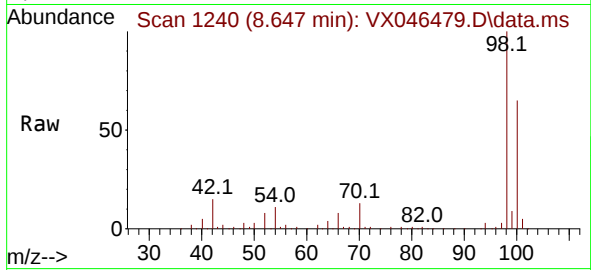




#50
Toluene-d8
Concen: 50.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

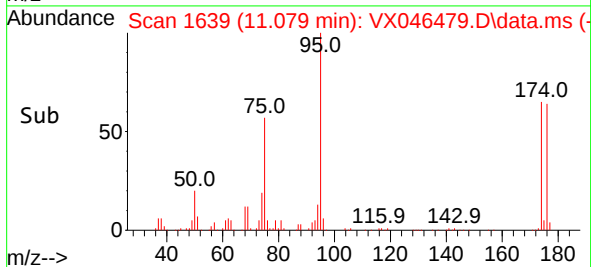
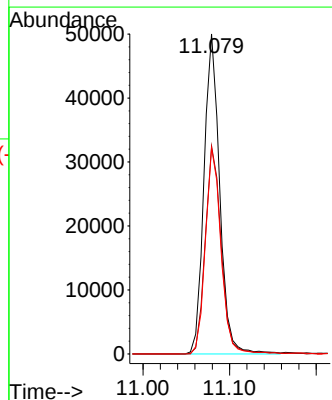
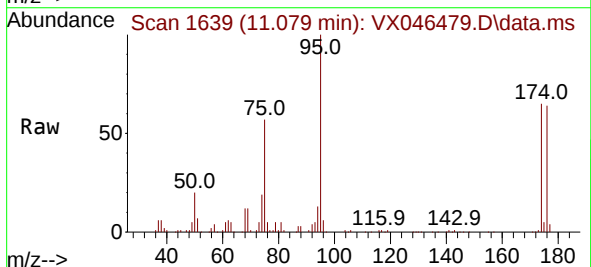
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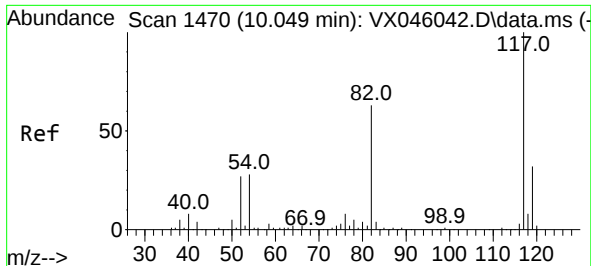
Tgt Ion: 98 Resp: 159294
Ion Ratio Lower Upper
98 100
100 64.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.069 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Tgt Ion: 95 Resp: 63003
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.0 0.0 131.4

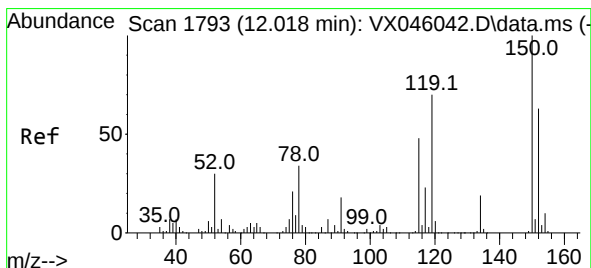
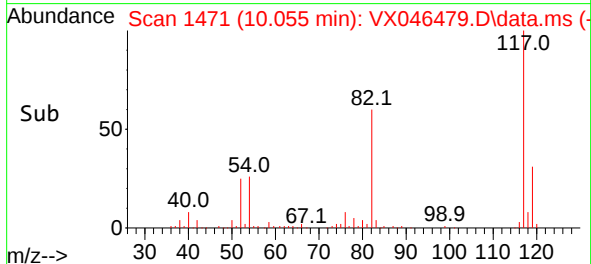
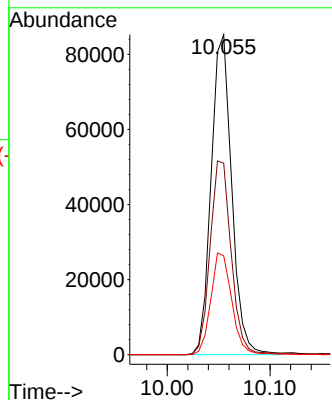
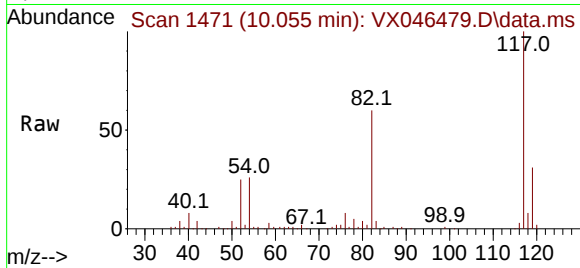




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Instrument :
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Tgt Ion:117 Resp: 118381
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 30.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046479.D
Acq: 03 Jun 2025 17:40

Tgt Ion:152 Resp: 50510
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 159.8 0.0 351.0

