

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051225\
 Data File : VX046146.D
 Acq On : 12 May 2025 18:16
 Operator : JC/MD
 Sample : Q2004-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2811

Quant Time: May 13 03:22:18 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)

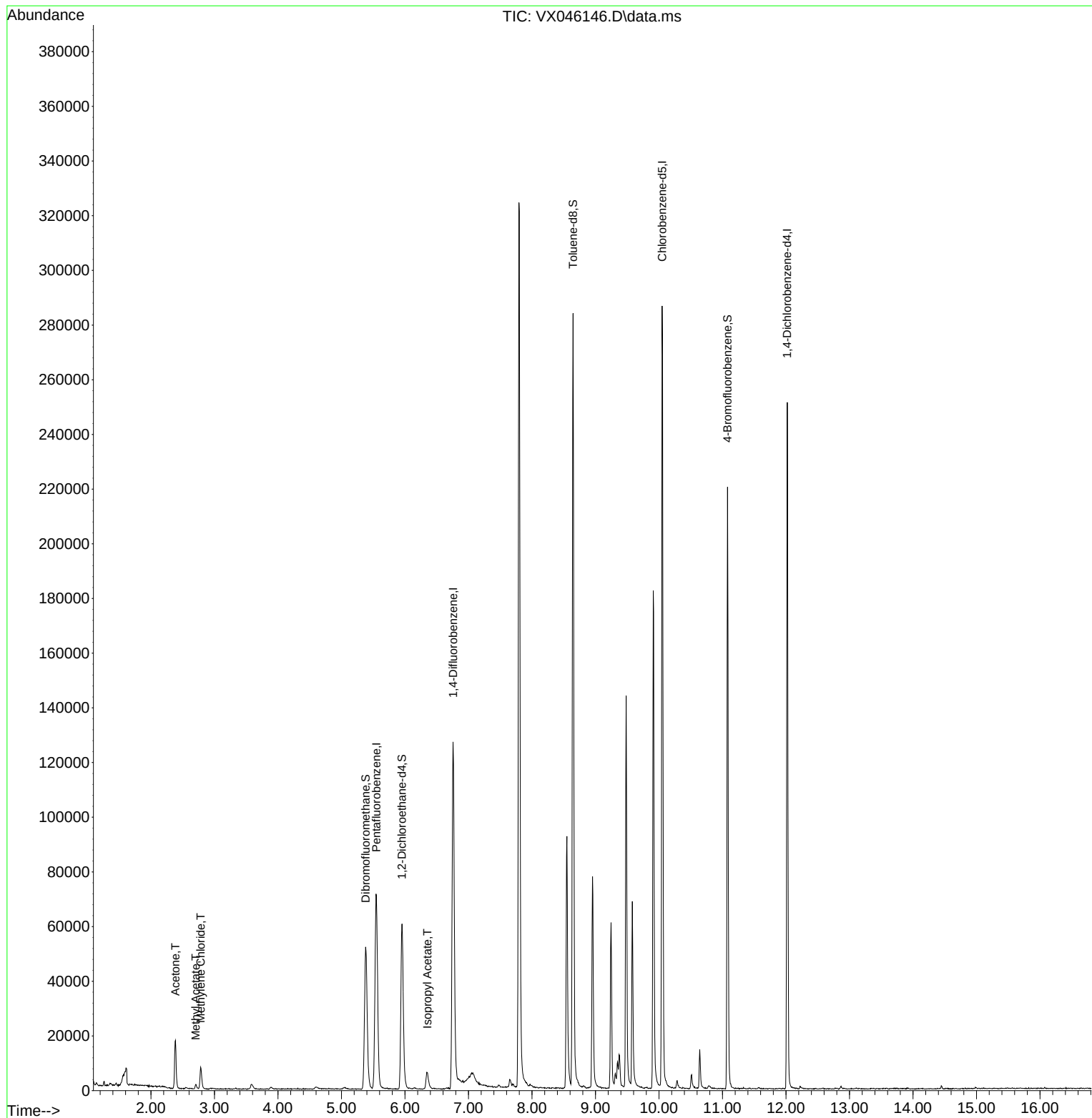
Internal Standards						
1) Pentafluorobenzene	5.550	168	61738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62733	54.503	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.000%		
35) Dibromofluoromethane	5.379	113	45483	51.761	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.520%		
50) Toluene-d8	8.647	98	158363	52.070	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.140%		
62) 4-Bromofluorobenzene	11.079	95	57837	49.577	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.160%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20311	44.011	ug/l	98
18) Methyl Acetate	2.703	43	2010	1.877	ug/l #	90
20) Methylene Chloride	2.782	84	3689	4.171	ug/l	87
43) Isopropyl Acetate	6.355	43	9932	4.463	ug/l	98

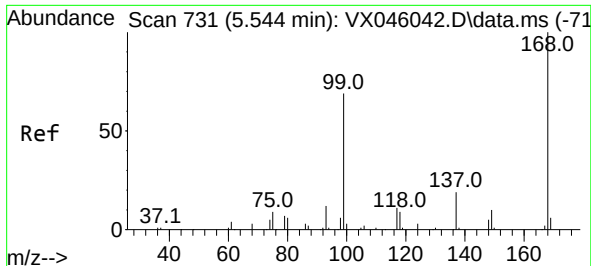
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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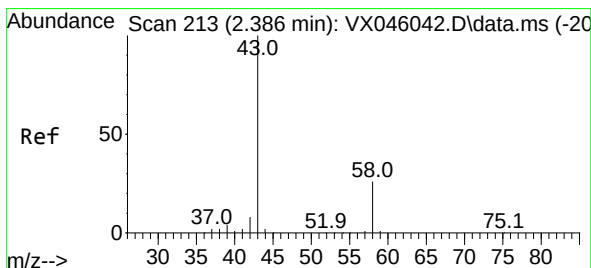
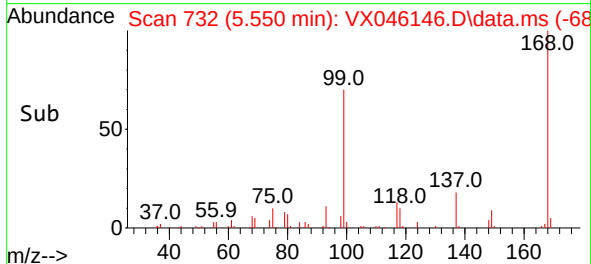
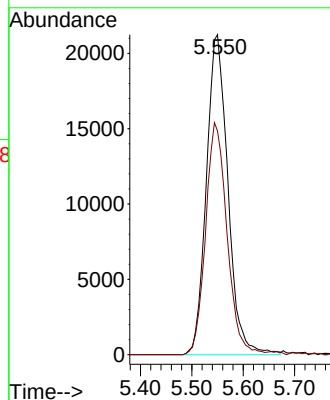
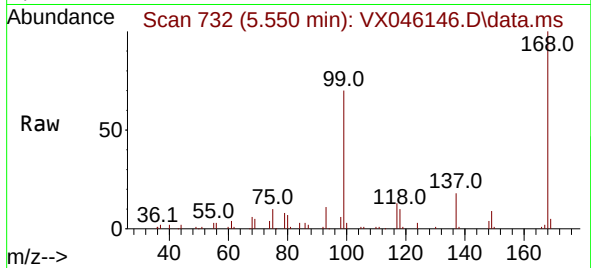




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

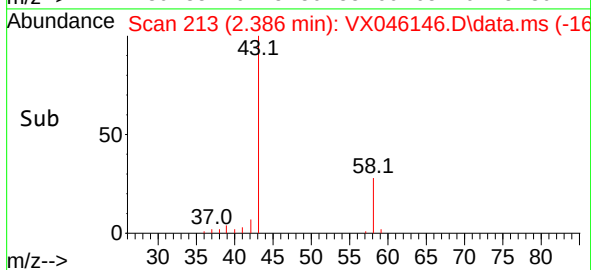
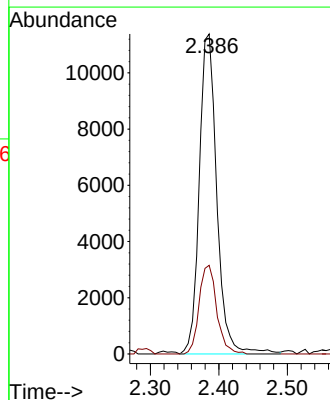
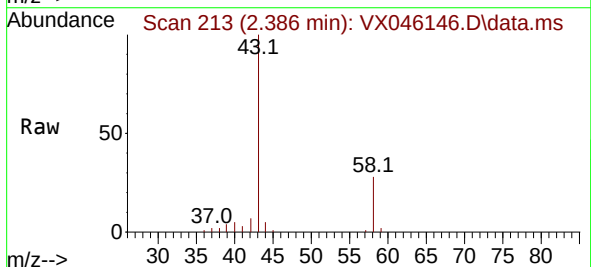
Instrument :
MSVOA_X
ClientSampleId :
2811

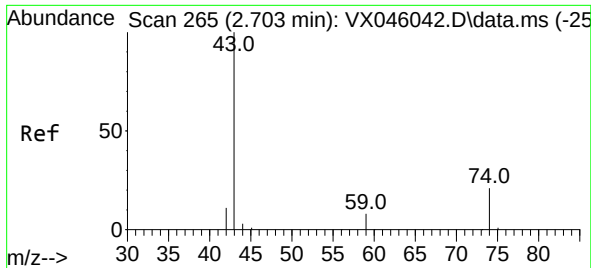
Tgt Ion:168 Resp: 61738
Ion Ratio Lower Upper
168 100
99 70.0 54.9 82.3



#16
Acetone
Concen: 44.011 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

Tgt Ion: 43 Resp: 20311
Ion Ratio Lower Upper
43 100
58 27.7 21.2 31.8

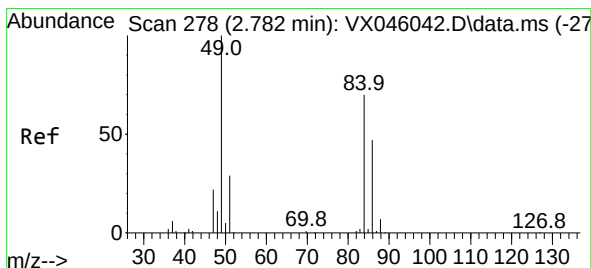
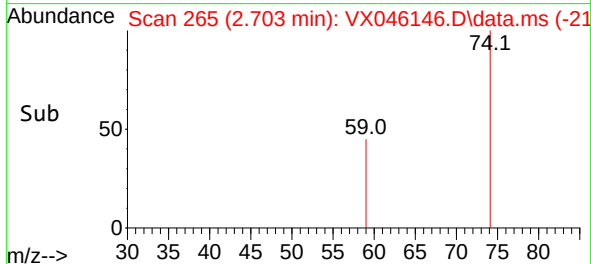
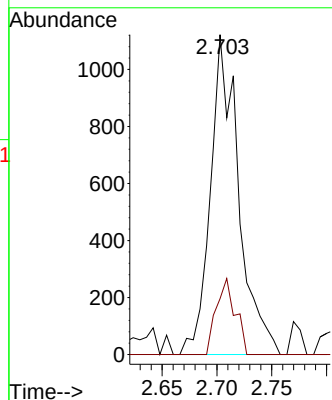
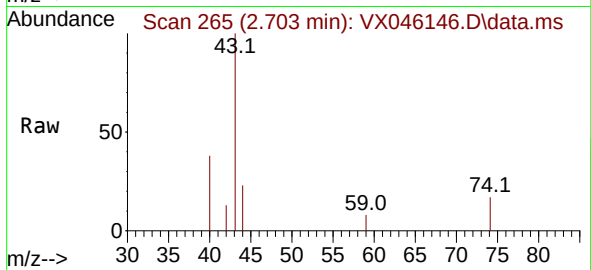




#18
Methyl Acetate
Concen: 1.877 ug/l
RT: 2.703 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

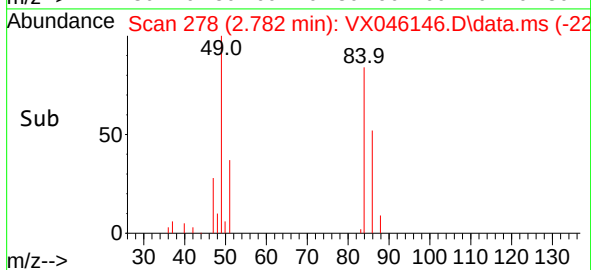
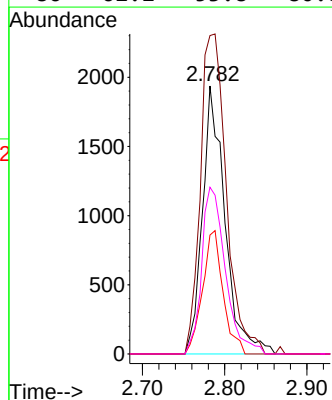
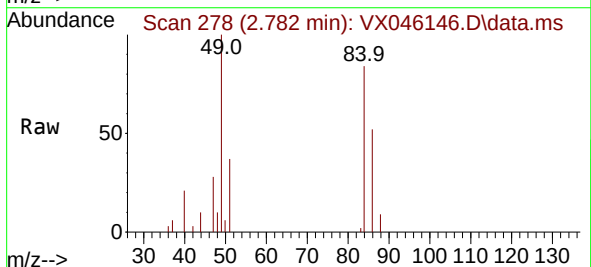
Instrument :
MSVOA_X
ClientSampleId :
2811

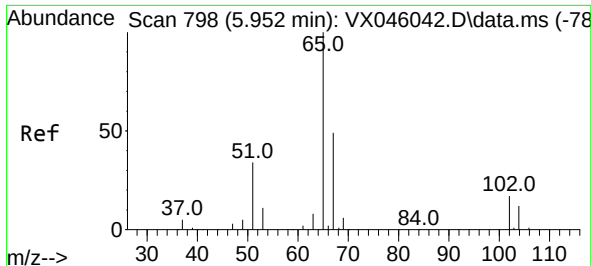
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
74 16.0 16.7 25.1#



#20
Methylene Chloride
Concen: 4.171 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

Tgt Ion: 84 Resp: 3689
Ion Ratio Lower Upper
84 100
49 118.8 113.9 170.9
51 44.3 33.5 50.3
86 62.2 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 54.503 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046146.D

Acq: 12 May 2025 18:16

Instrument :

MSVOA_X

ClientSampleId :

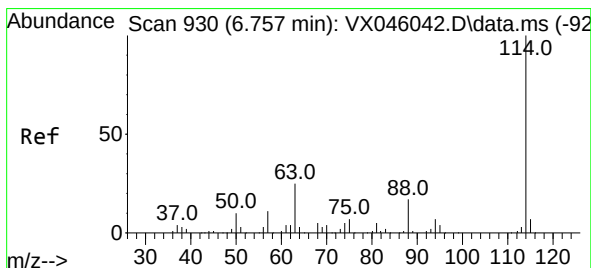
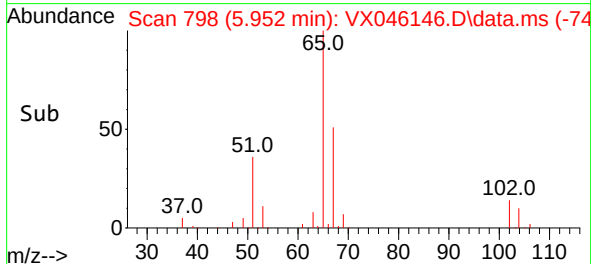
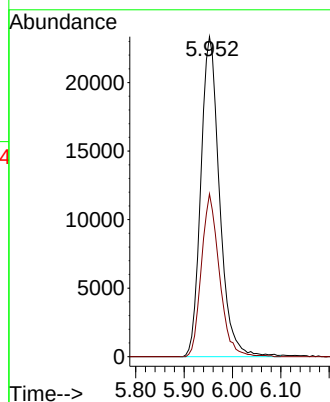
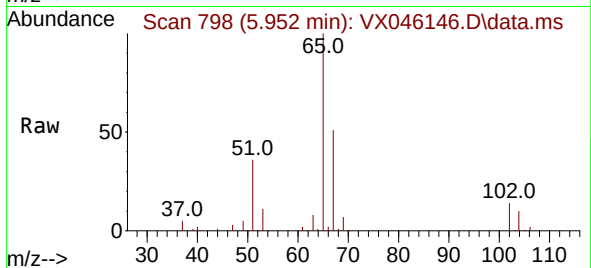
2811

Tgt Ion: 65 Resp: 62733

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046146.D

Acq: 12 May 2025 18:16

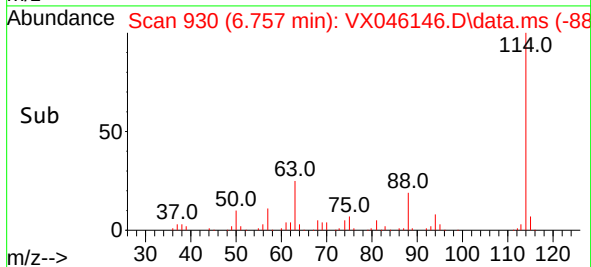
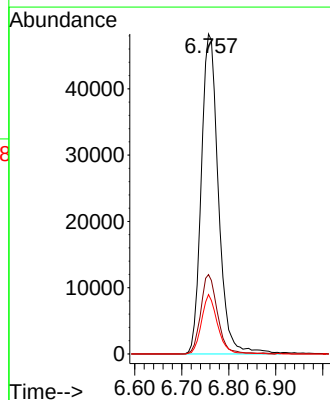
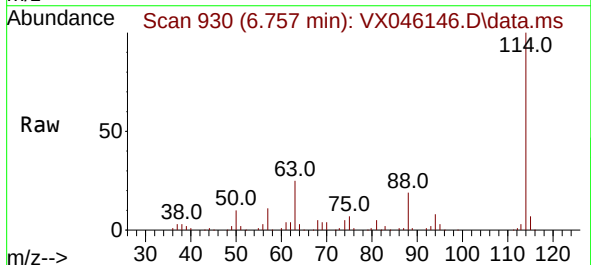
Tgt Ion: 114 Resp: 122025

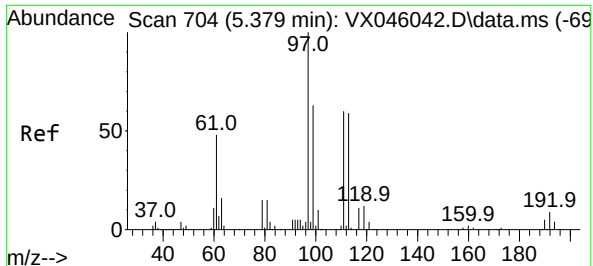
Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

88 18.5 0.0 33.6

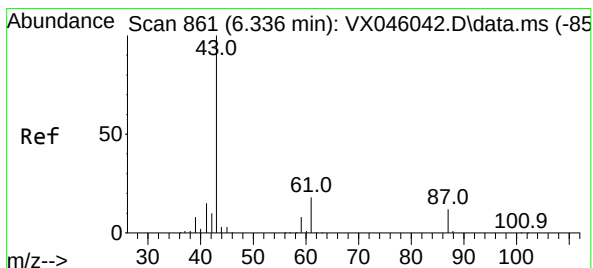
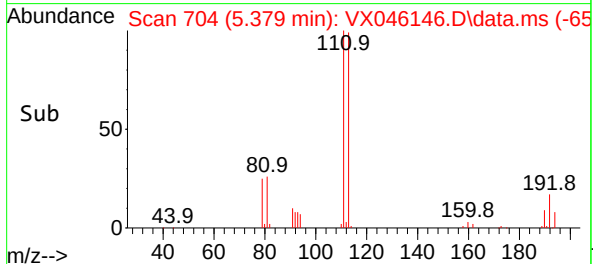
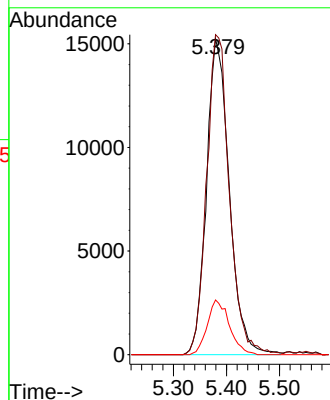
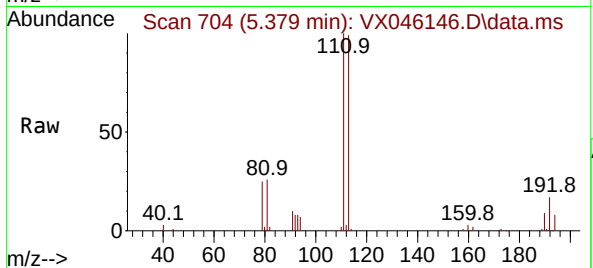




#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

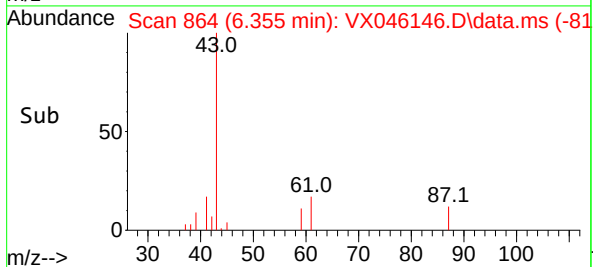
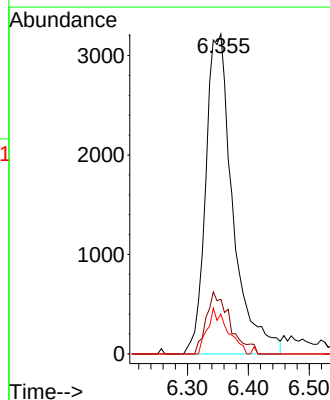
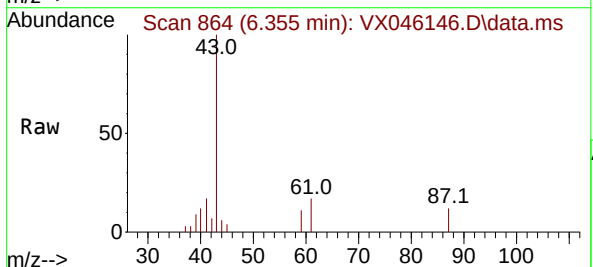
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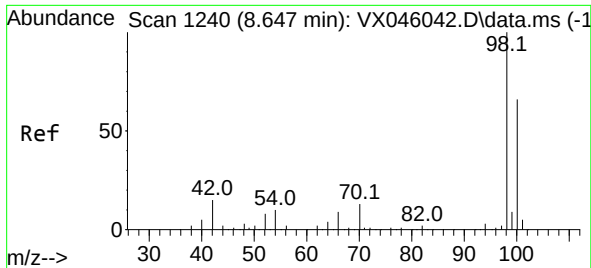
Tgt Ion:113 Resp: 45483
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.9 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.463 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

Tgt Ion: 43 Resp: 9932
Ion Ratio Lower Upper
43 100
61 17.0 14.3 21.5
87 10.7 9.5 14.3

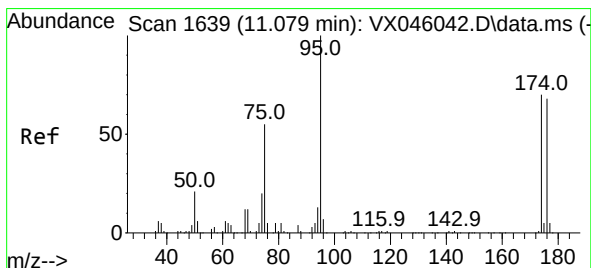
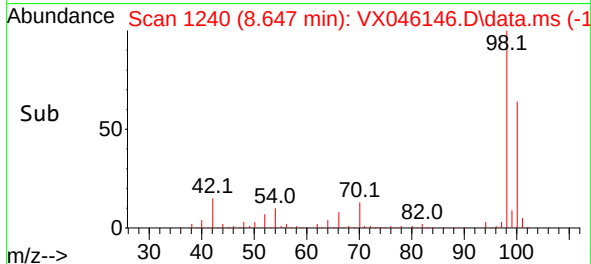
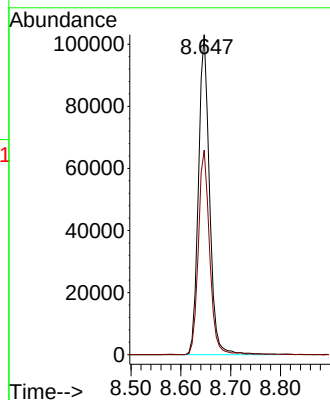
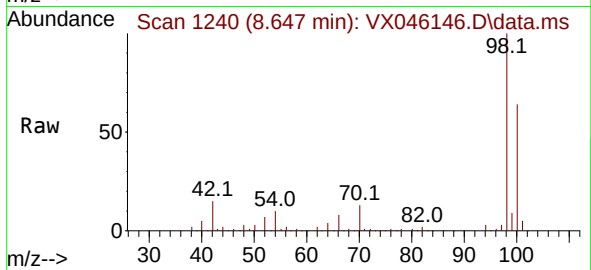




#50
Toluene-d8
Concen: 52.070 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

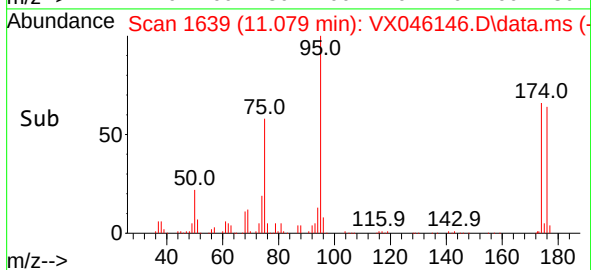
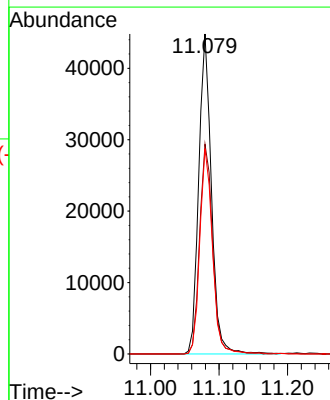
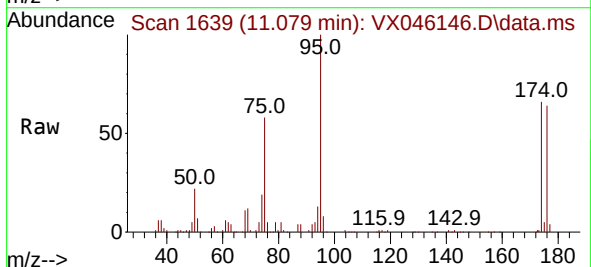
Instrument :
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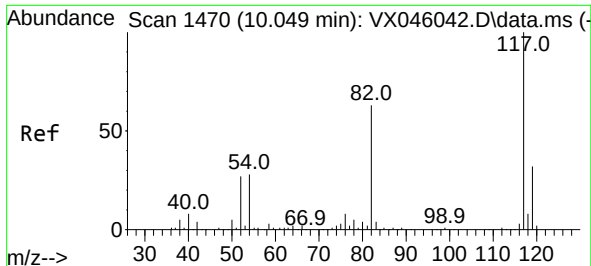
Tgt Ion: 98 Resp: 158363
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

Tgt Ion: 95 Resp: 57837
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 64.0 0.0 131.4

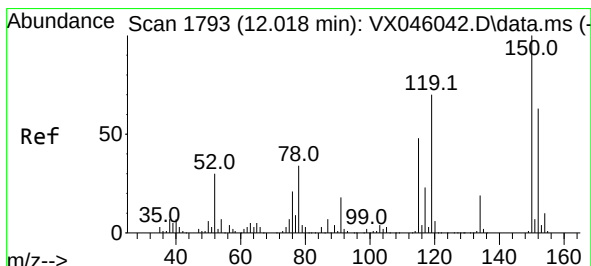
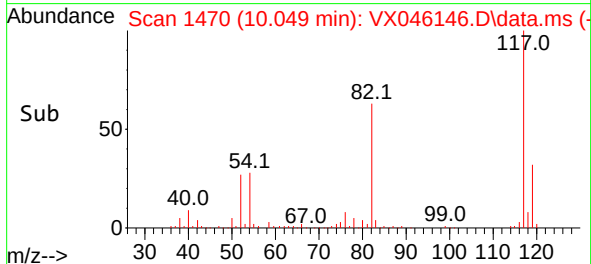
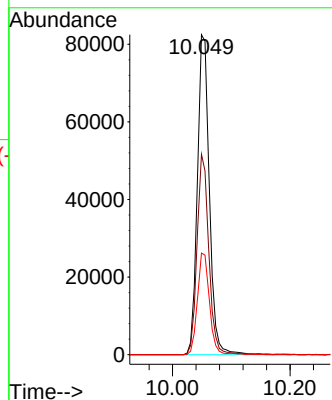
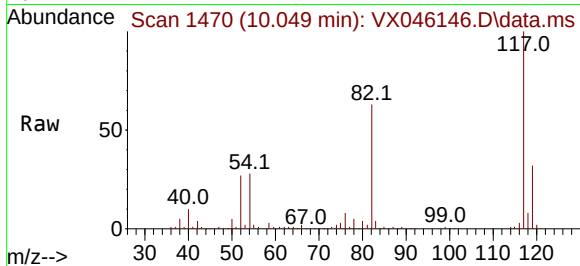




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046146.D
Acq: 12 May 2025 18:16

Instrument :
MSVOA_X
ClientSampleId :
2811

Tgt Ion:117 Resp: 117034
Ion Ratio Lower Upper
117 100
82 62.6 50.6 76.0
119 31.7 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: VX046146.D
Acq: 12 May 2025 18:16

Tgt Ion:152 Resp: 47598
Ion Ratio Lower Upper
152 100
115 65.4 46.9 140.7
150 155.5 0.0 351.0

