

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046422.D
 Acq On : 30 May 2025 15:26
 Operator : JC/MD
 Sample : Q2162-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-EB-20250529

Quant Time: May 30 23:29:43 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)

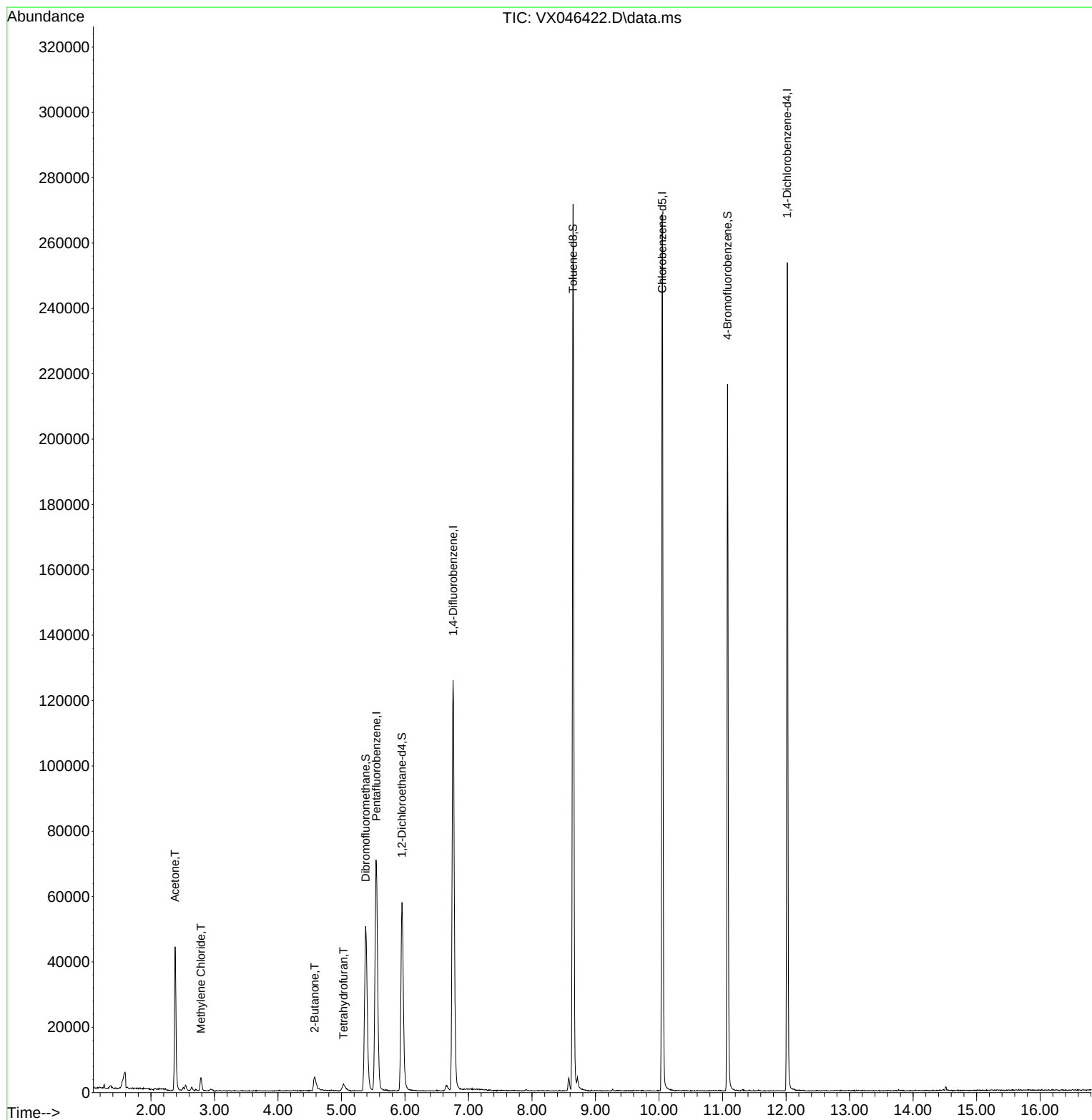
Internal Standards						
1) Pentafluorobenzene	5.550	168	58984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59725	54.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.620%
35) Dibromofluoromethane	5.379	113	43783	51.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.520%
50) Toluene-d8	8.647	98	150560	50.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.860%
62) 4-Bromofluorobenzene	11.079	95	56461	49.788	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.580%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	47928	108.703	ug/l	99
20) Methylene Chloride	2.788	84	1844	2.182	ug/l	95
25) 2-Butanone	4.574	43	9427	14.727	ug/l	93
29) Tetrahydrofuran	5.032	42	2301	5.737	ug/l #	88

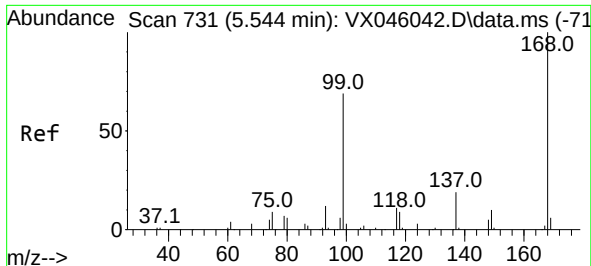
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
Data File : VX046422.D
Acq On : 30 May 2025 15:26
Operator : JC/MD
Sample : Q2162-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Quant Time: May 30 23:29:43 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

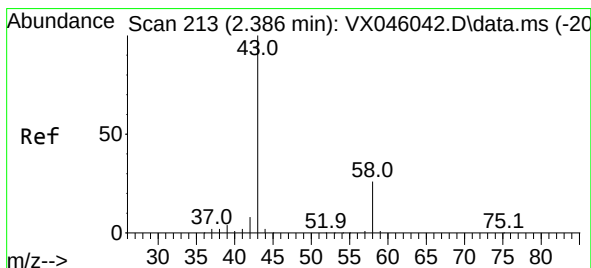
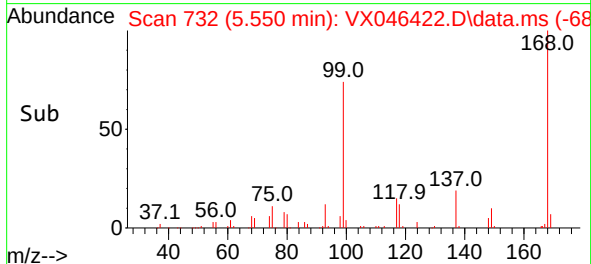
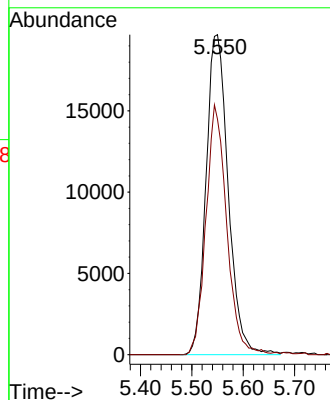
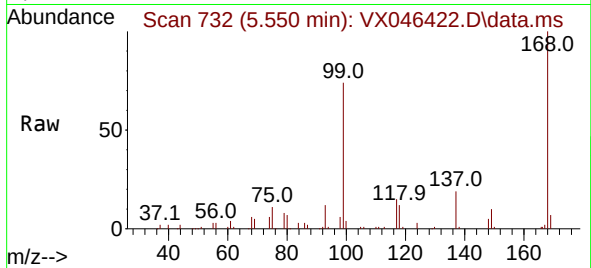




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

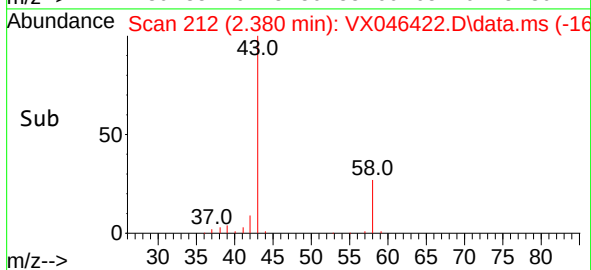
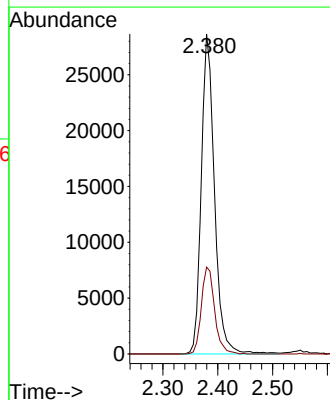
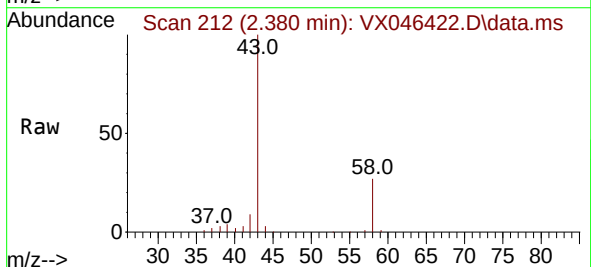
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

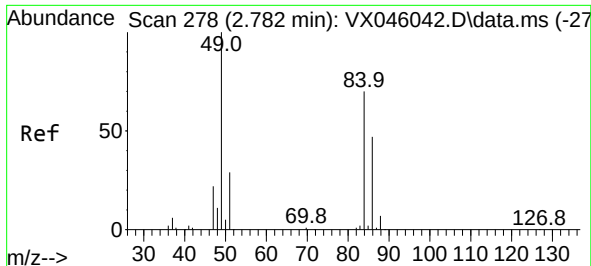
Tgt Ion:168 Resp: 58984
Ion Ratio Lower Upper
168 100
99 73.6 54.9 82.3



#16
Acetone
Concen: 108.703 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

Tgt Ion: 43 Resp: 47928
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8

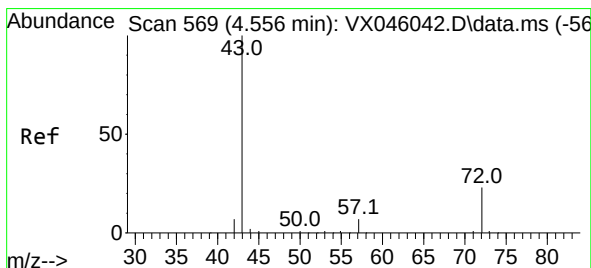
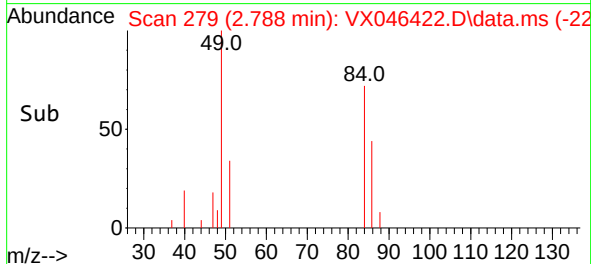
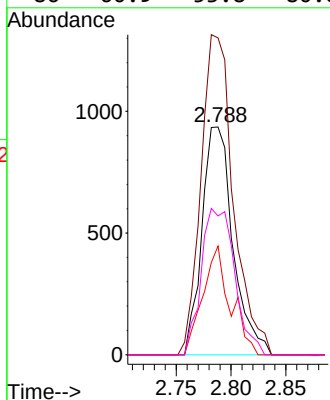
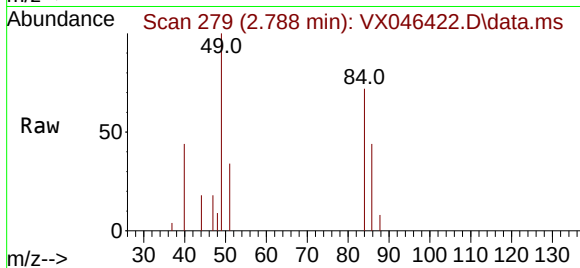




#20
Methylene Chloride
Concen: 2.182 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

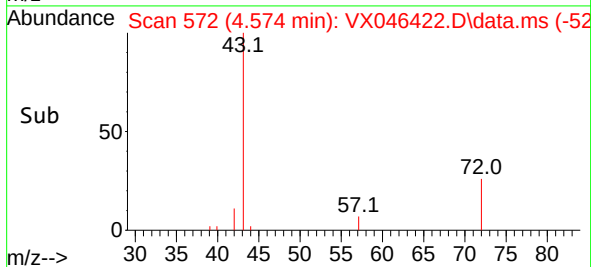
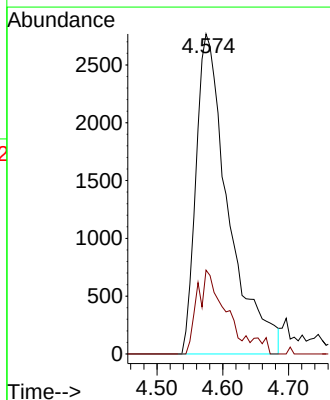
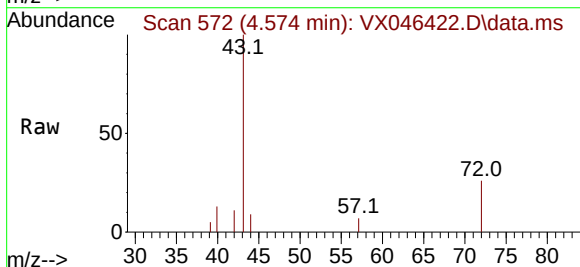
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

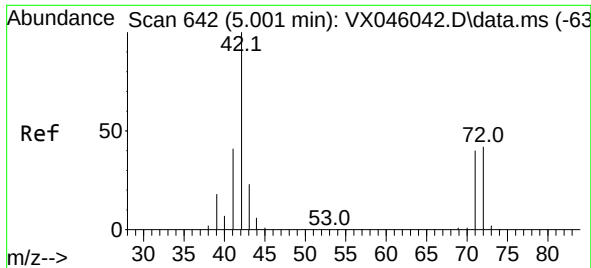
Tgt Ion:	84	Resp:	1844
Ion	Ratio	Lower	Upper
84	100		
49	139.1	113.9	170.9
51	47.8	33.5	50.3
86	60.9	53.8	80.8



#25
2-Butanone
Concen: 14.727 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

Tgt Ion:	43	Resp:	9427
Ion	Ratio	Lower	Upper
43	100		
72	26.2	18.4	27.6





#29

Tetrahydrofuran

Concen: 5.737 ug/l

RT: 5.032 min Scan# 642

Delta R.T. 0.030 min

Lab File: VX046422.D

Acq: 30 May 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-EB-20250529

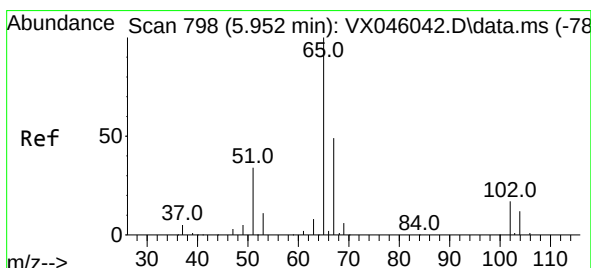
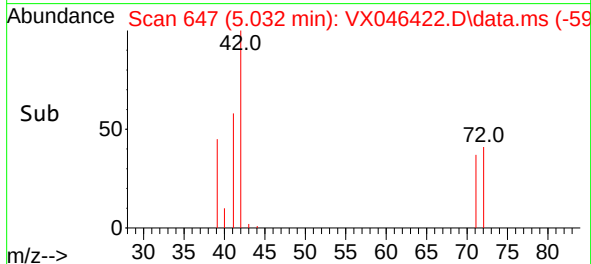
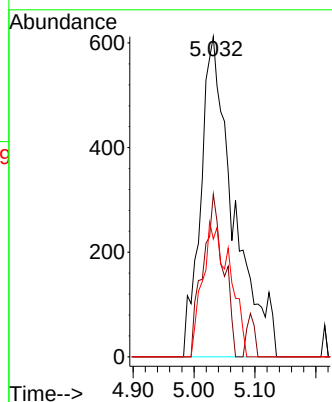
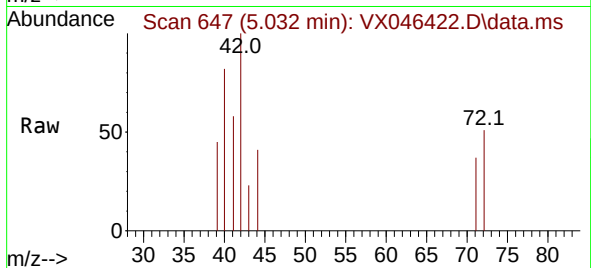
Tgt Ion: 42 Resp: 2301

Ion Ratio Lower Upper

42 100

72 31.7 33.7 50.5#

71 34.8 31.4 47.2



#33

1,2-Dichloroethane-d4

Concen: 54.313 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046422.D

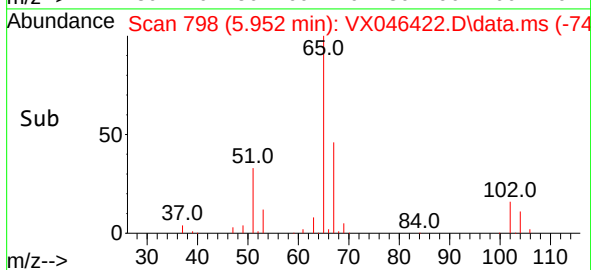
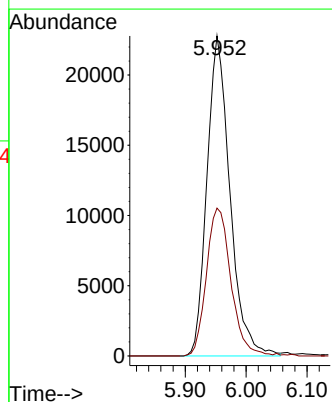
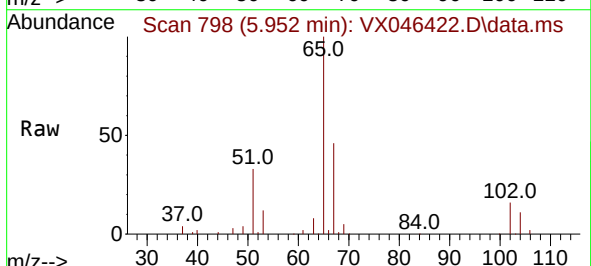
Acq: 30 May 2025 15:26

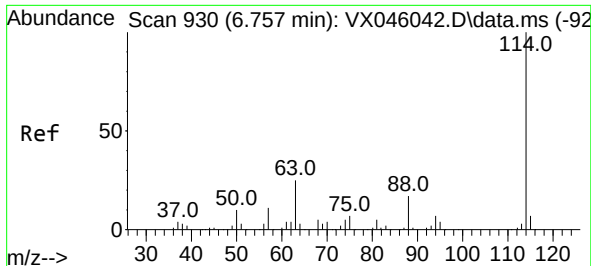
Tgt Ion: 65 Resp: 59725

Ion Ratio Lower Upper

65 100

67 49.2 0.0 99.0

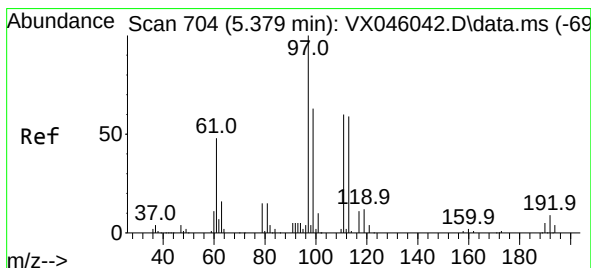
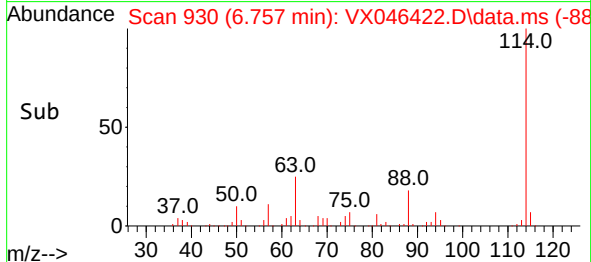
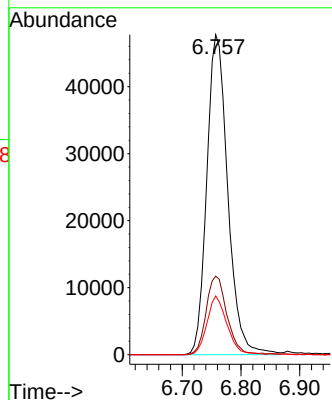
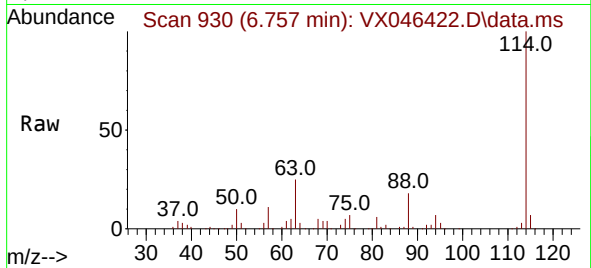




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

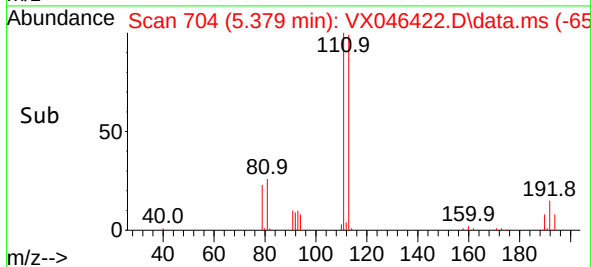
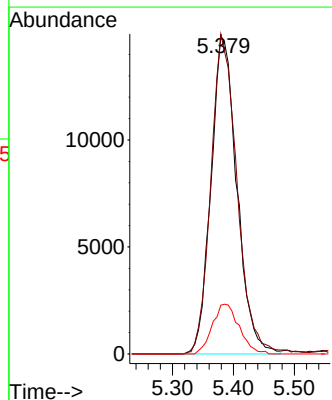
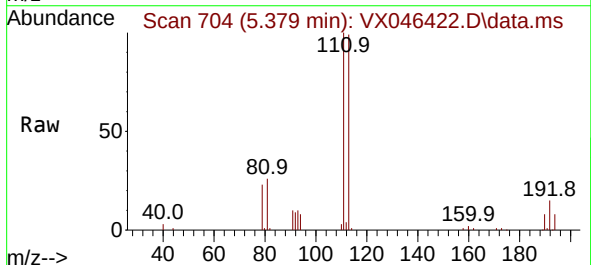
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

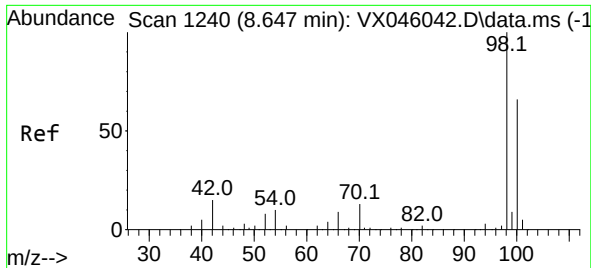
Tgt Ion:114 Resp: 118618
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 18.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.258 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

Tgt Ion:113 Resp: 43783
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 16.2 13.3 19.9

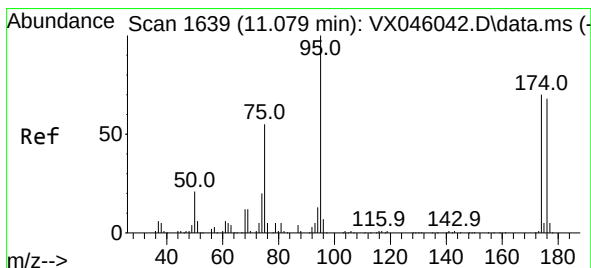
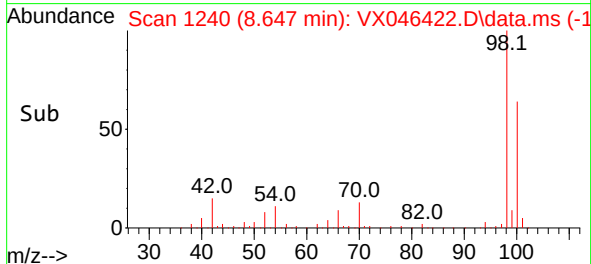
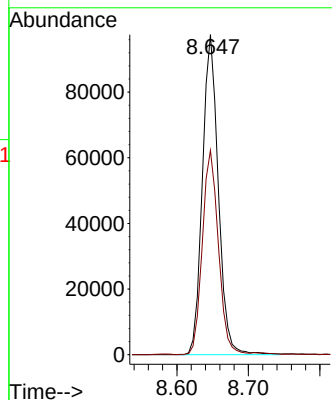
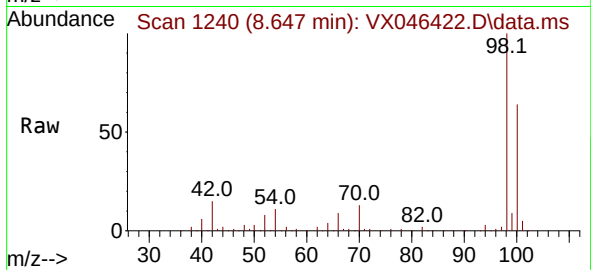




#50
Toluene-d8
Concen: 50.927 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

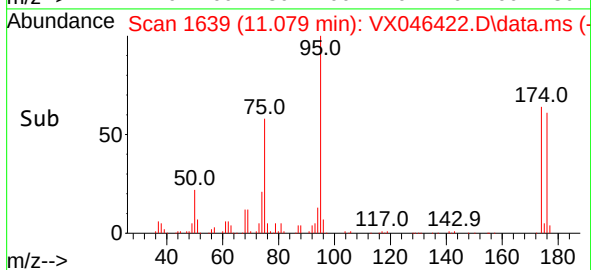
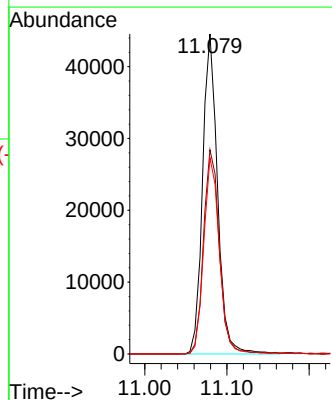
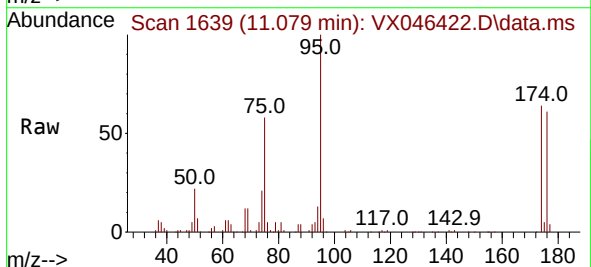
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

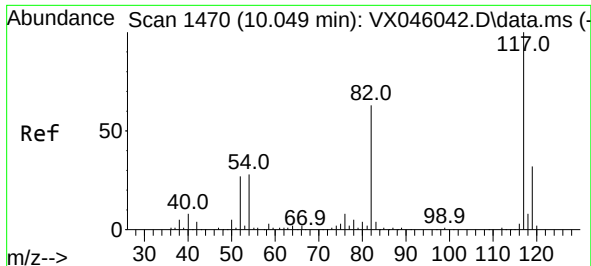
Tgt Ion: 98 Resp: 150560
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

Tgt Ion: 95 Resp: 56461
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.5 0.0 131.4

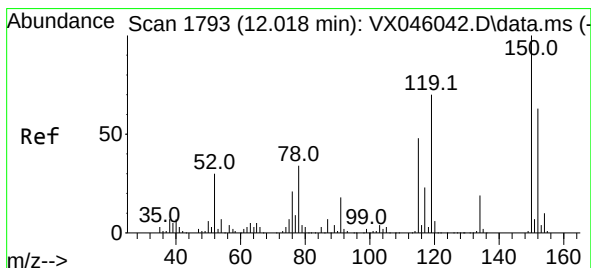
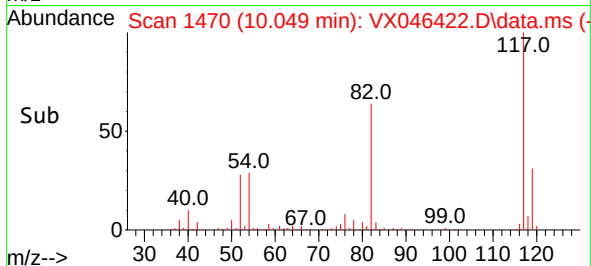
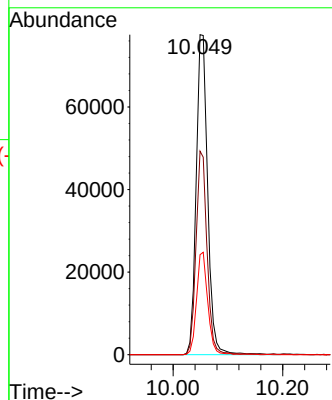
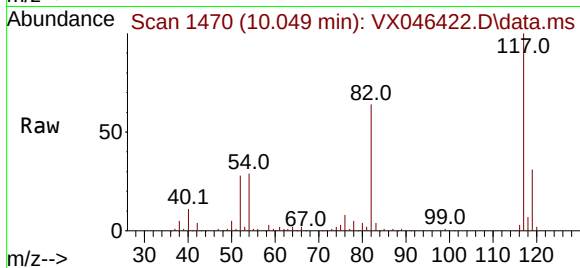




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046422.D
Acq: 30 May 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-EB-20250529

Tgt Ion:117 Resp: 113154
Ion Ratio Lower Upper
117 100
82 63.6 50.6 76.0
119 31.2 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: VX046422.D
Acq: 30 May 2025 15:26

Tgt Ion:152 Resp: 46507
Ion Ratio Lower Upper
152 100
115 64.9 46.9 140.7
150 158.0 0.0 351.0

