

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046297.D
 Acq On : 21 May 2025 15:05
 Operator : JC/MD
 Sample : Q2082-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-260-262

Quant Time: May 22 01:50:27 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)

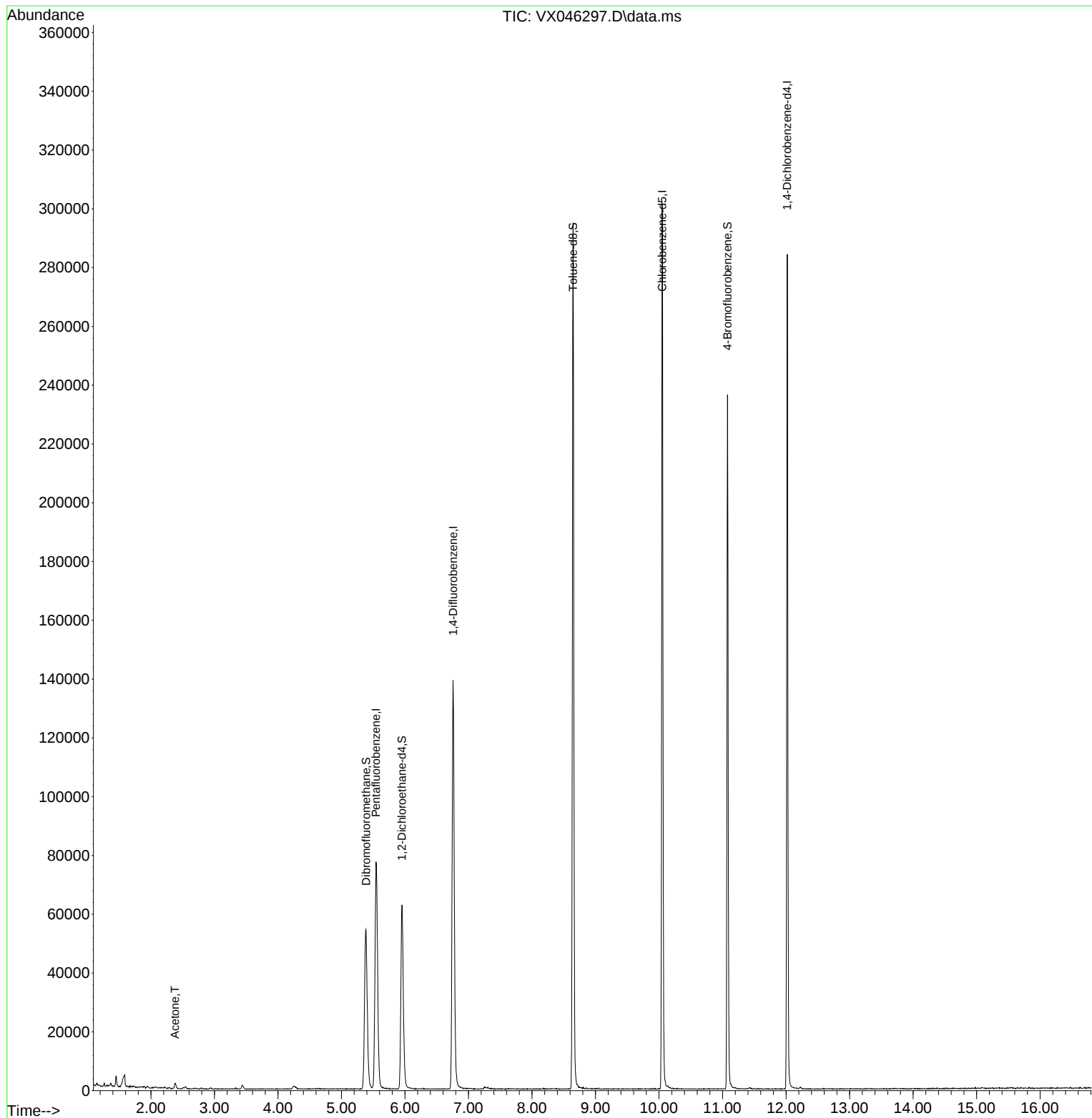
Internal Standards						
1) Pentafluorobenzene	5.544	168	65017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64983	53.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.220%	
35) Dibromofluoromethane	5.385	113	47599	50.210	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	8.647	98	165709	50.503	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	11.079	95	63624	50.551	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.100%	
Target Compounds						
16) Acetone	2.380	43	2182	4.490	ug/l	Qvalue 99

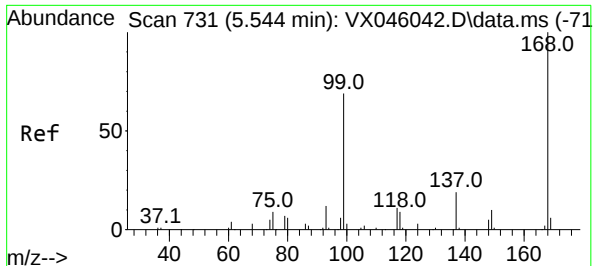
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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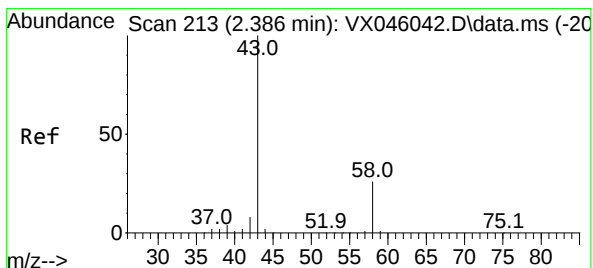
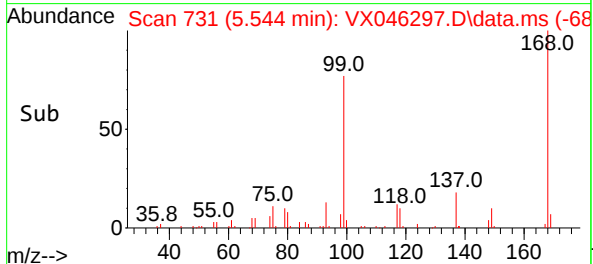
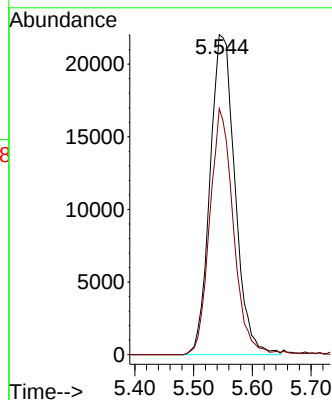
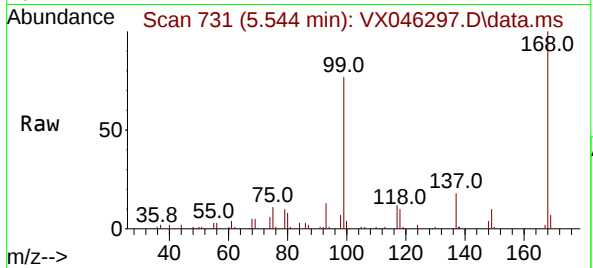




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

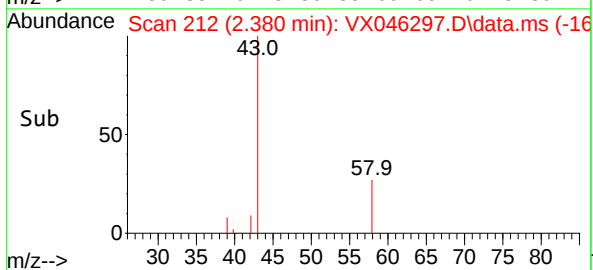
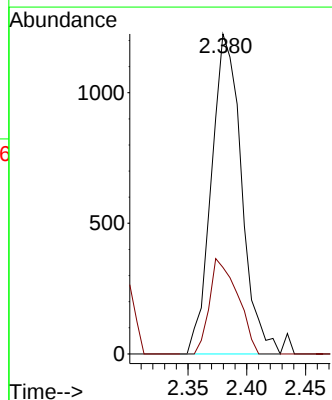
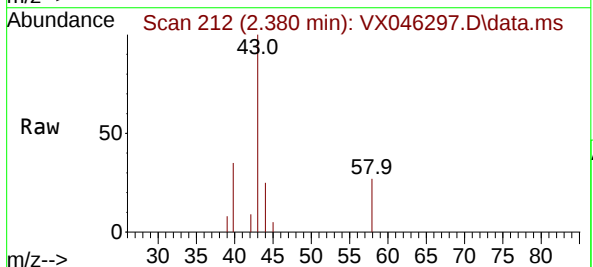
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-260-262

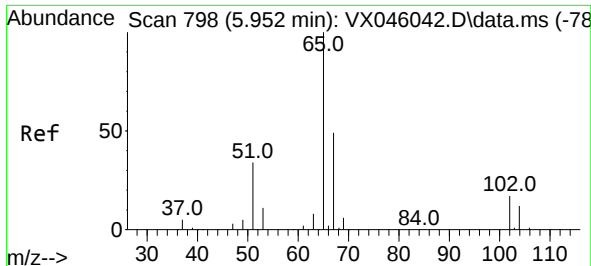
Tgt Ion:168 Resp: 65017
Ion Ratio Lower Upper
168 100
99 76.9 54.9 82.3



#16
Acetone
Concen: 4.490 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.611 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046297.D

Acq: 21 May 2025 15:05

Instrument :

MSVOA_X

ClientSampleId :

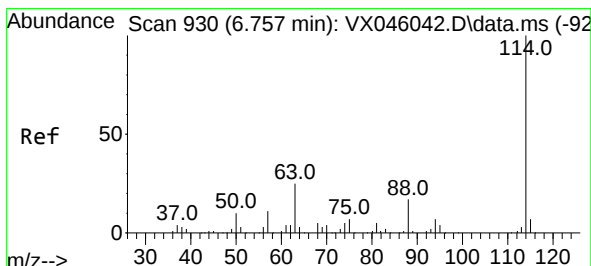
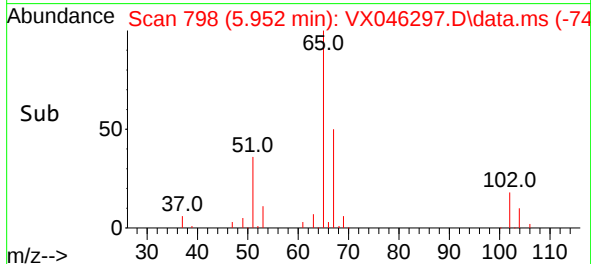
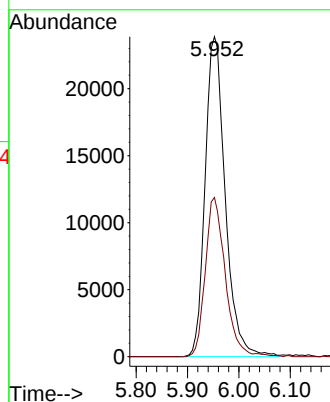
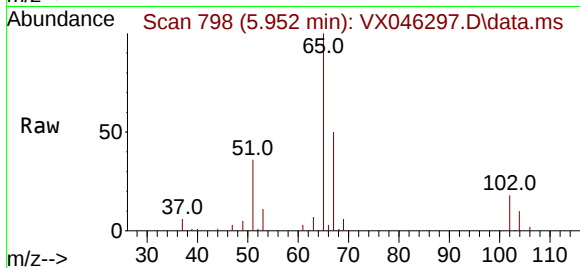
BP-VPB-182-GW-260-262

Tgt Ion: 65 Resp: 64983

Ion Ratio Lower Upper

65 100

67 49.5 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: VX046297.D

Acq: 21 May 2025 15:05

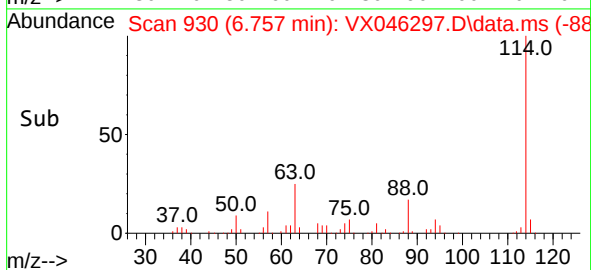
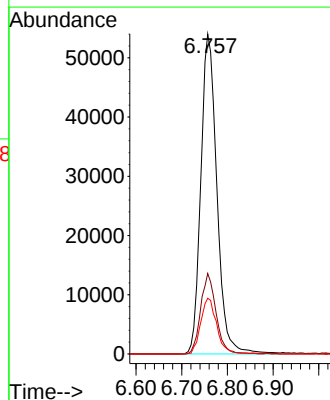
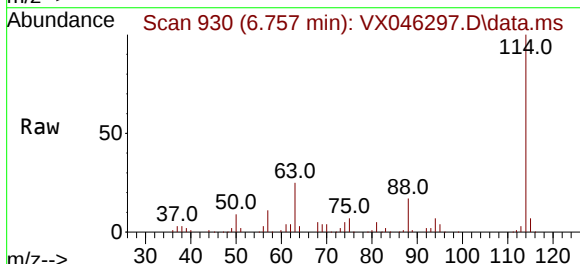
Tgt Ion: 114 Resp: 131648

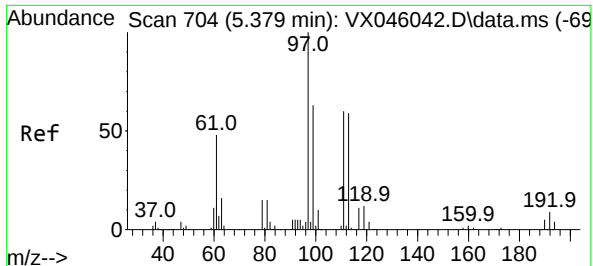
Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.2

88 17.4 0.0 33.6

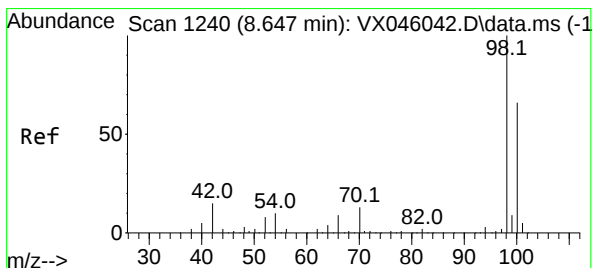
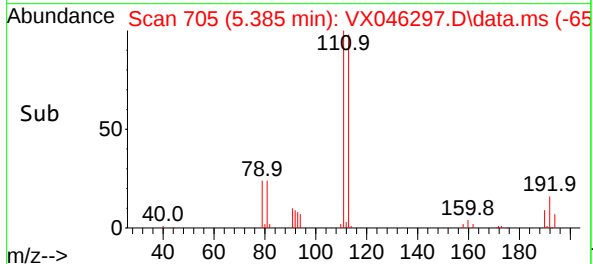
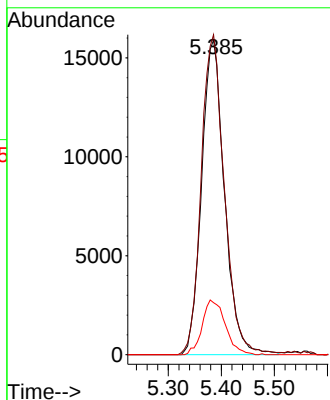
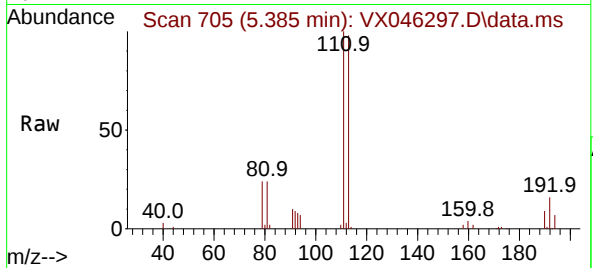




#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

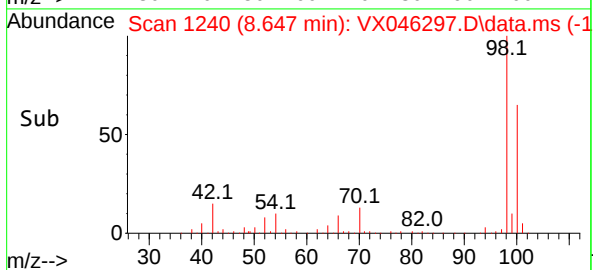
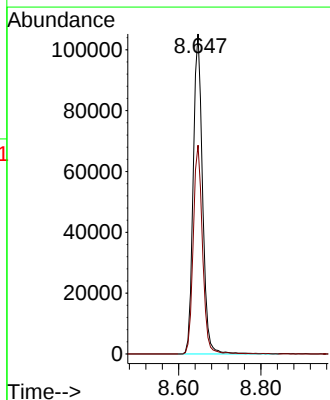
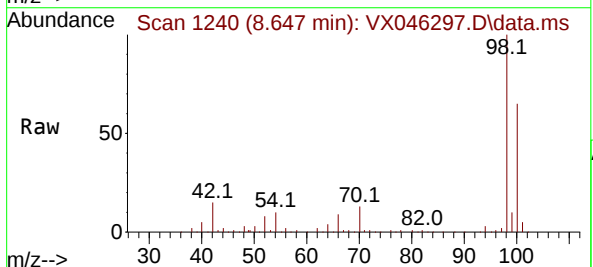
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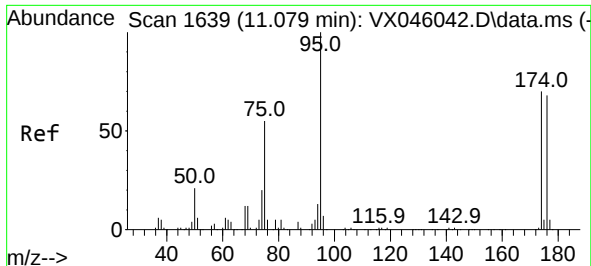
Tgt Ion:113 Resp: 47599
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 17.6 13.3 19.9



#50
Toluene-d8
Concen: 50.503 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

Tgt Ion: 98 Resp: 165709
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3

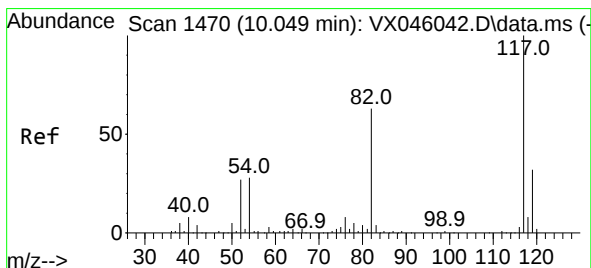
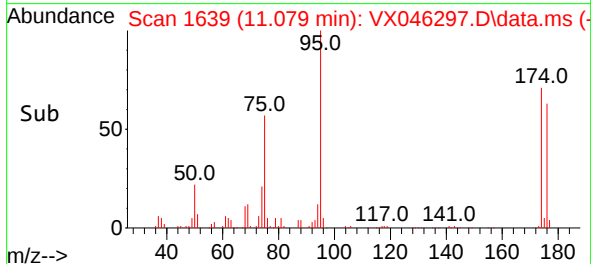
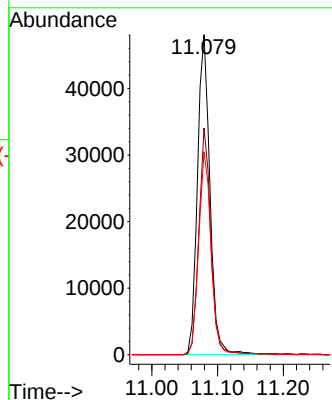
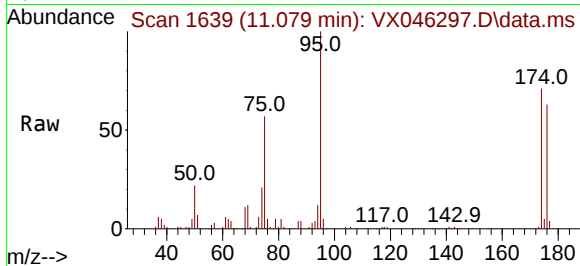




#62
4-Bromofluorobenzene
Concen: 50.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

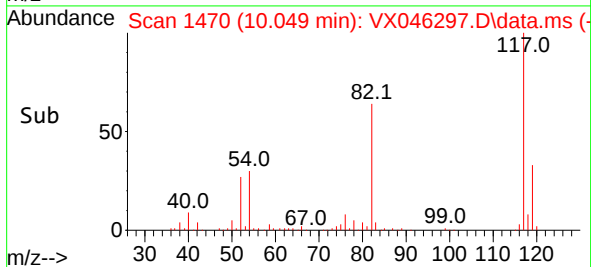
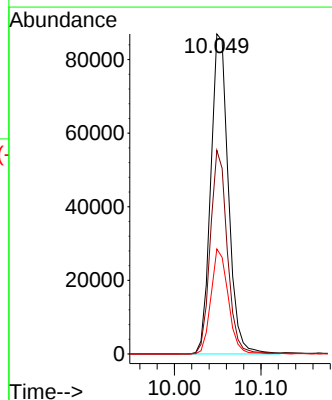
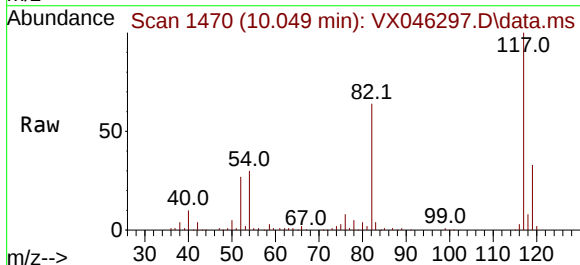
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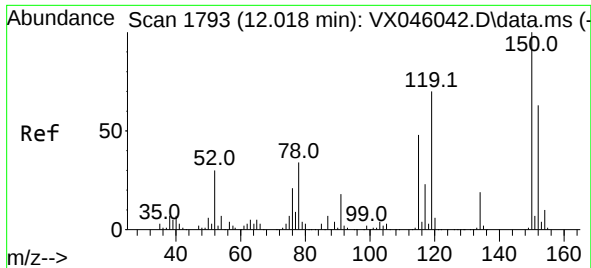
Tgt Ion: 95 Resp: 63624
Ion Ratio Lower Upper
95 100
174 68.2 0.0 135.8
176 62.9 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046297.D
Acq: 21 May 2025 15:05

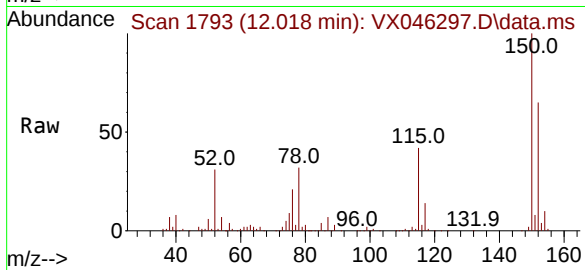
Tgt Ion: 117 Resp: 122793
Ion Ratio Lower Upper
117 100
82 63.7 50.6 76.0
119 32.8 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046297.D
 Acq: 21 May 2025 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-260-262



Tgt Ion:152 Resp: 51747
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 154.4 0.0 351.0

