

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046469.D
 Acq On : 03 Jun 2025 13:46
 Operator : JC/MD
 Sample : Q2186-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-705-707

Quant Time: Jun 04 01:27:04 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)

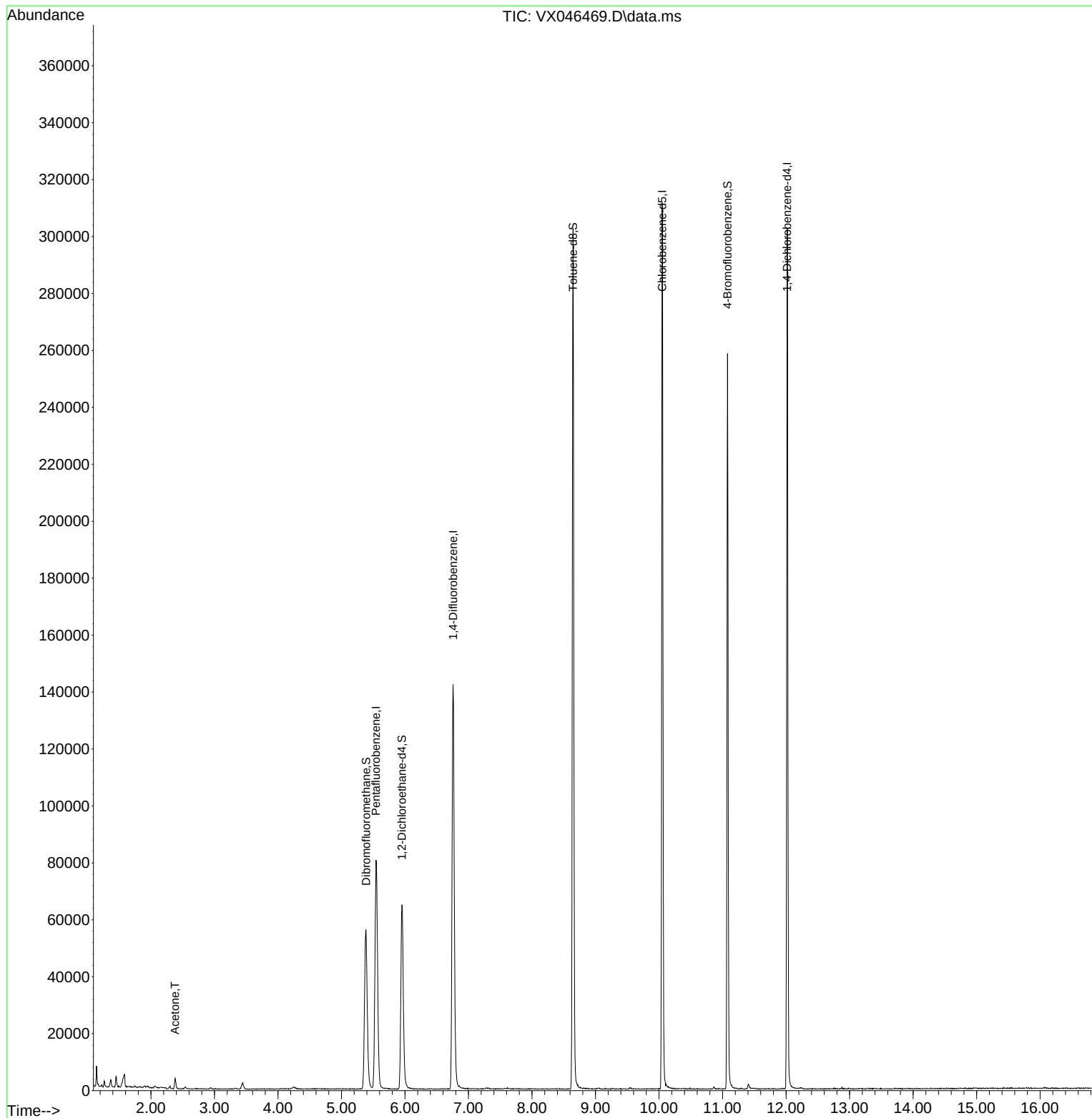
Internal Standards						
1) Pentafluorobenzene	5.544	168	68425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137561	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66512	52.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.280%	
35) Dibromofluoromethane	5.385	113	49566	50.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.080%	
50) Toluene-d8	8.647	98	172025	50.174	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	11.079	95	68551	52.124	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.240%	
Target Compounds						
16) Acetone	2.380	43	3563	6.966	ug/l	Qvalue # 87

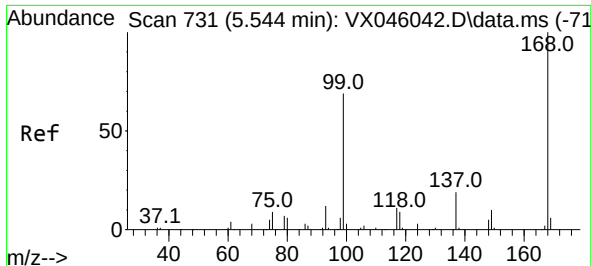
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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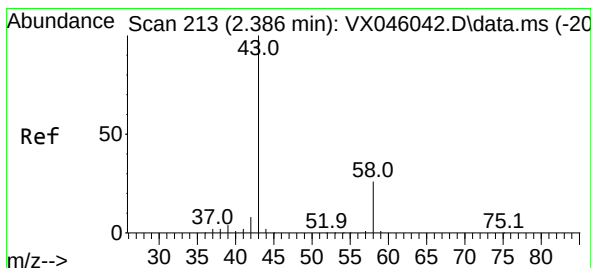
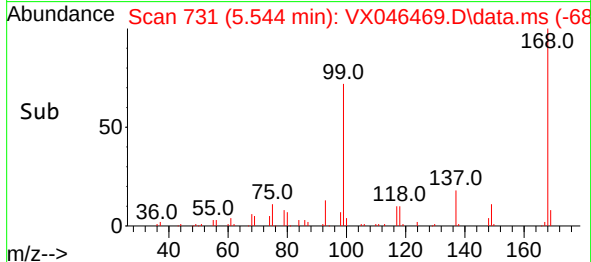
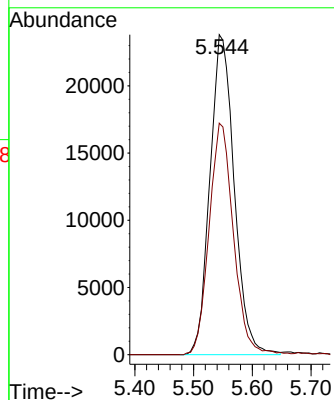
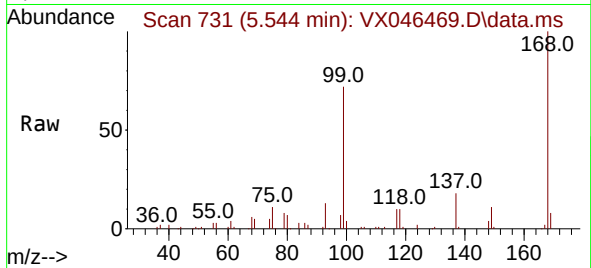




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

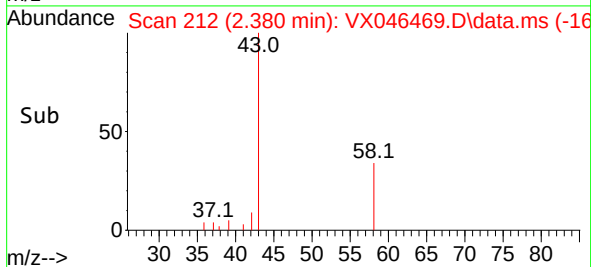
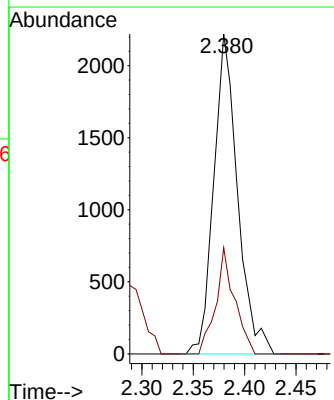
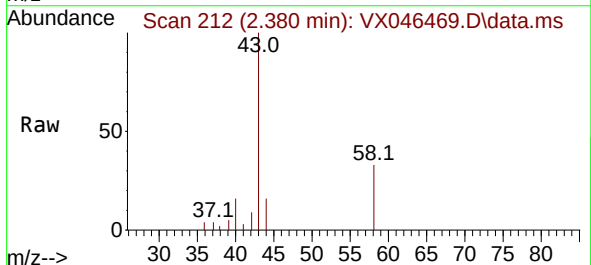
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-705-707

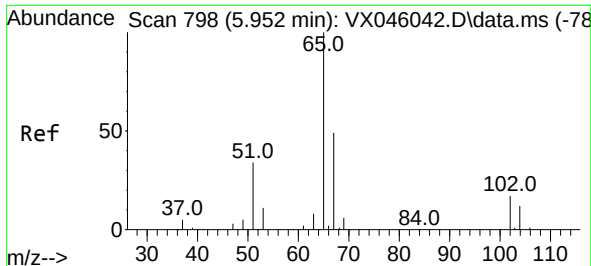
Tgt Ion:168 Resp: 68425
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#16
Acetone
Concen: 6.966 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
58 33.2 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 52.139 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046469.D

Acq: 03 Jun 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

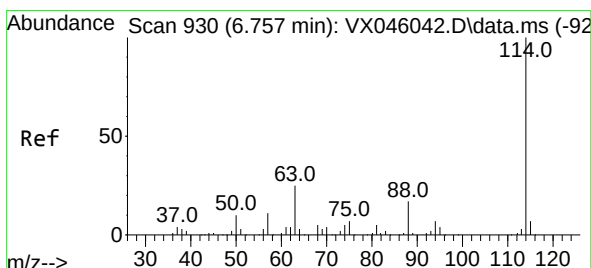
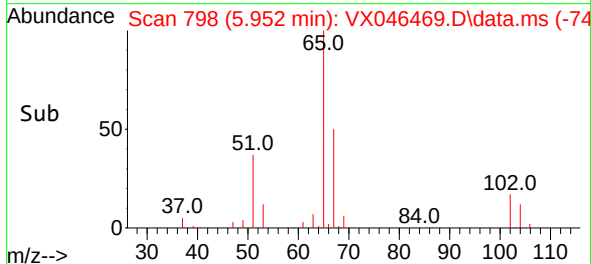
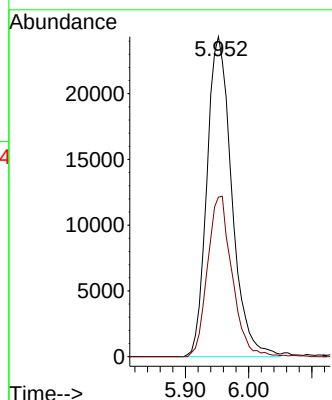
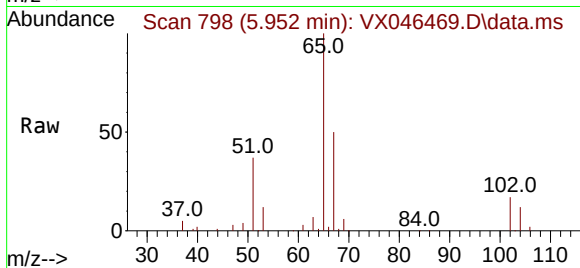
BP-VPB-182-GW-705-707

Tgt Ion: 65 Resp: 66512

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# 930

Delta R.T. 0.000 min

Lab File: VX046469.D

Acq: 03 Jun 2025 13:46

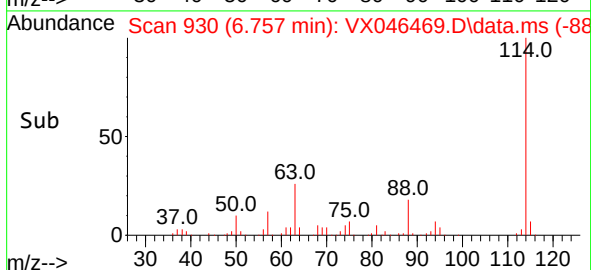
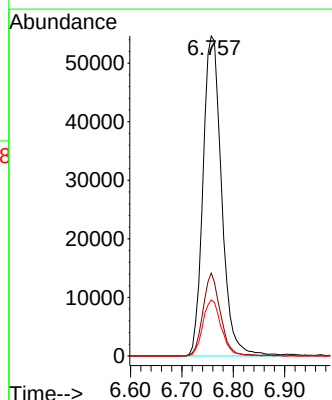
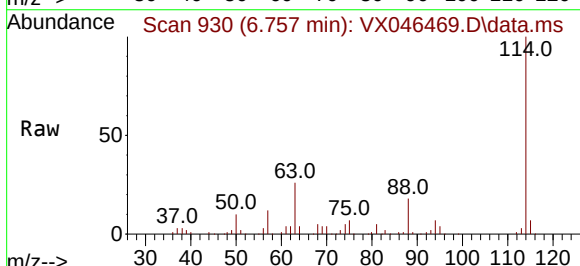
Tgt Ion: 114 Resp: 137561

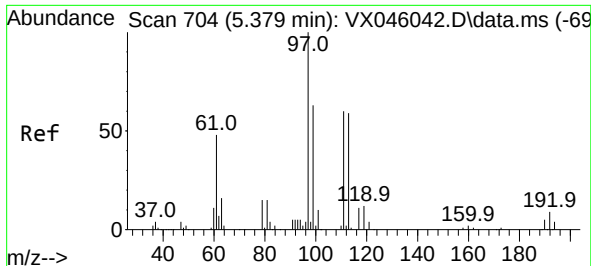
Ion Ratio Lower Upper

114 100

63 25.9 0.0 49.2

88 17.5 0.0 33.6

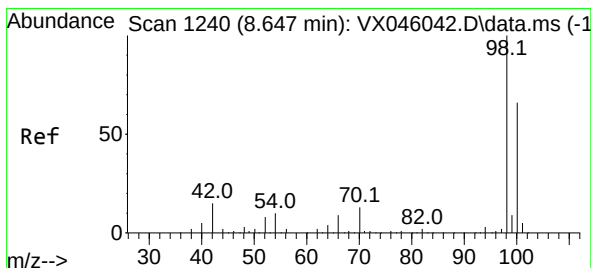
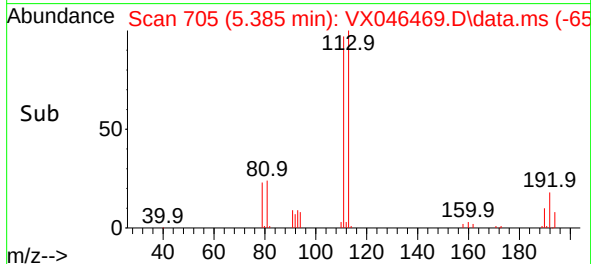
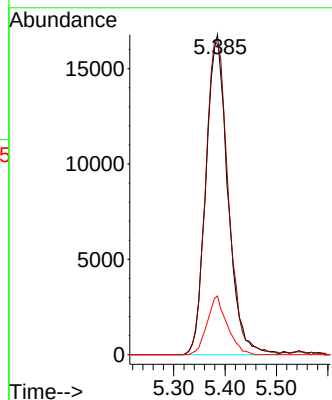
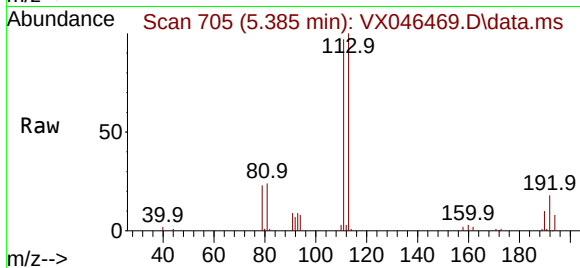




#35
 Dibromofluoromethane
 Concen: 50.037 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX046469.D
 Acq: 03 Jun 2025 13:46

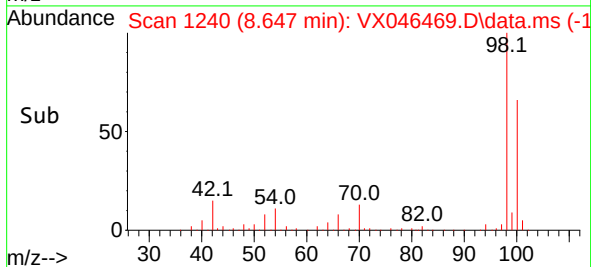
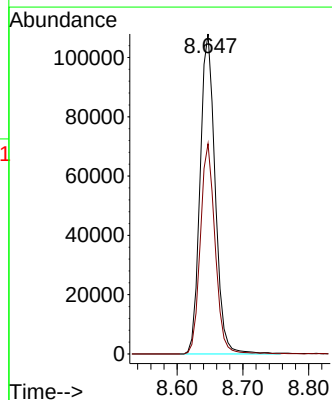
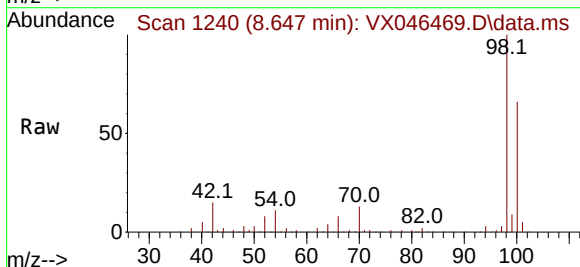
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-705-707

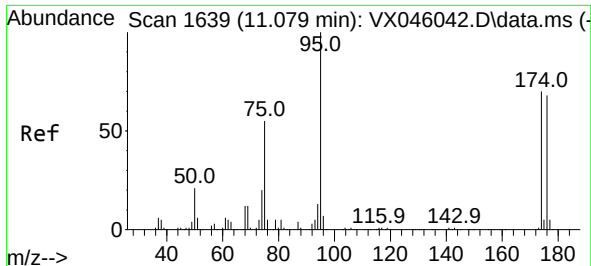
Tgt Ion:113 Resp: 49566
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.1 124.7
 192 16.8 13.3 19.9



#50
 Toluene-d8
 Concen: 50.174 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX046469.D
 Acq: 03 Jun 2025 13:46

Tgt Ion: 98 Resp: 172025
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.5 80.3

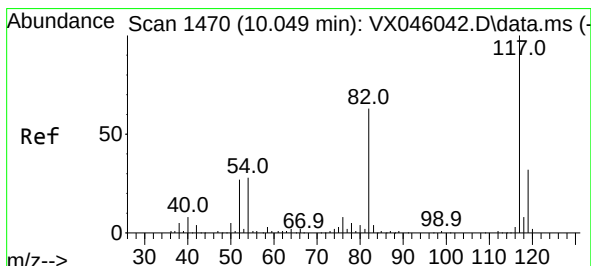
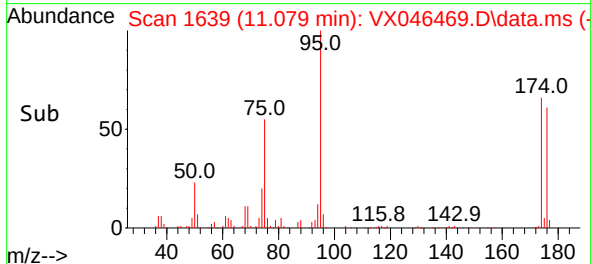
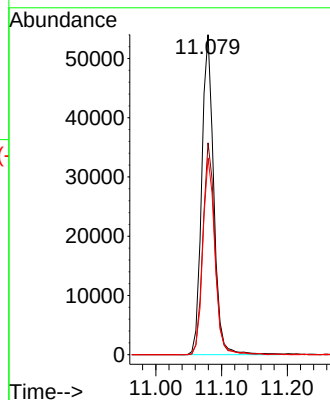
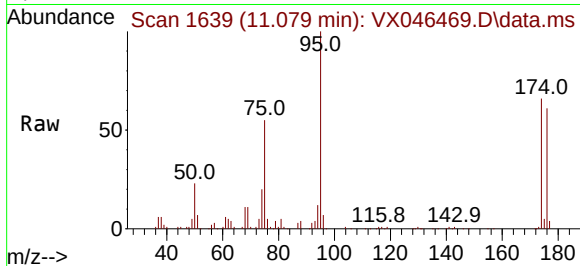




#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

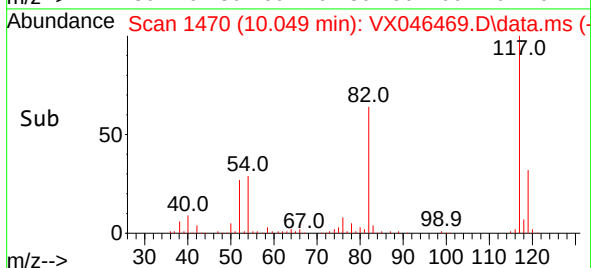
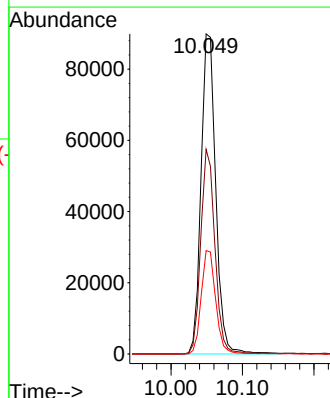
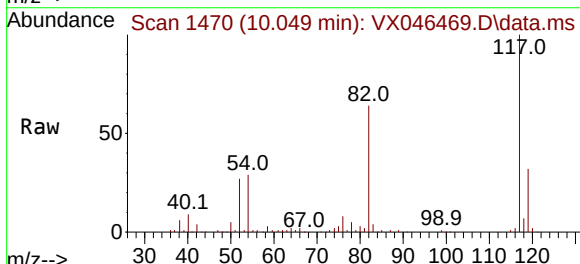
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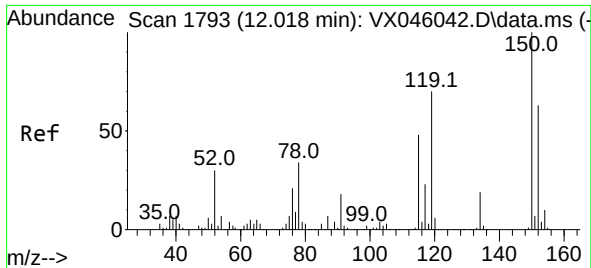
Tgt Ion: 95 Resp: 68551
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 62.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046469.D
Acq: 03 Jun 2025 13:46

Tgt Ion: 117 Resp: 128221
Ion Ratio Lower Upper
117 100
82 64.0 50.6 76.0
119 32.3 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: VX046469.D

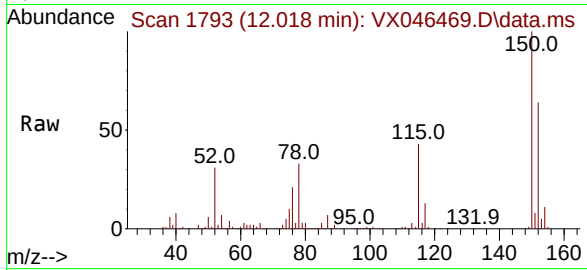
Acq: 03 Jun 2025 13:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-705-707



Tgt Ion:152 Resp: 56111

Ion Ratio Lower Upper

152 100

115 65.0 46.9 140.7

150 153.8 0.0 351.0

