

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046470.D
 Acq On : 03 Jun 2025 14:09
 Operator : JC/MD
 Sample : Q2186-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-720-722

Quant Time: Jun 04 01:27:25 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)

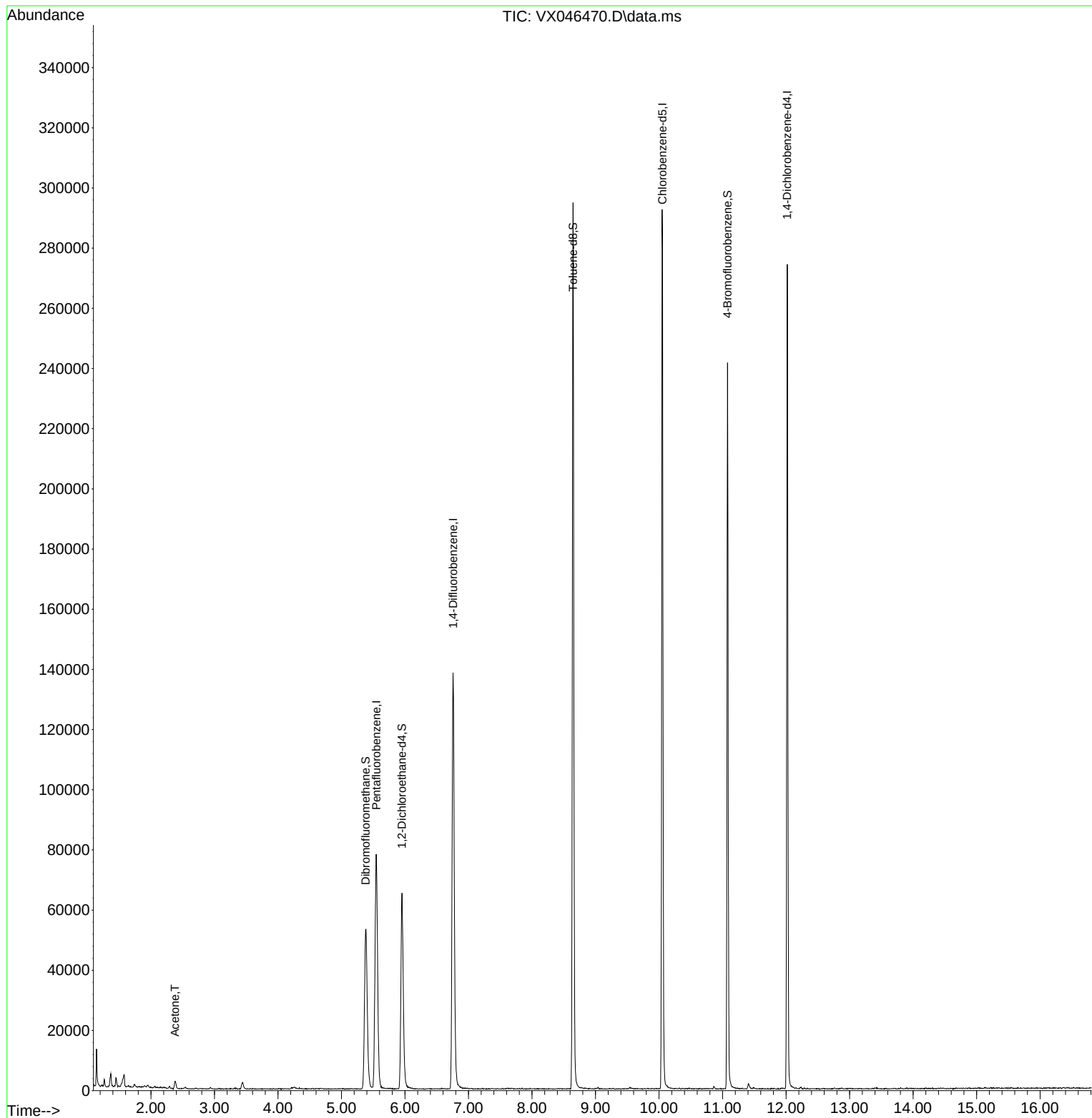
Internal Standards						
1) Pentafluorobenzene	5.550	168	65938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64202	52.227	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.460%
35) Dibromofluoromethane	5.379	113	46770	48.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.320%
50) Toluene-d8	8.647	98	163222	49.064	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	63368	49.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.320%
Target Compounds						
16) Acetone	2.380	43	3123	6.336	ug/l	Qvalue 96

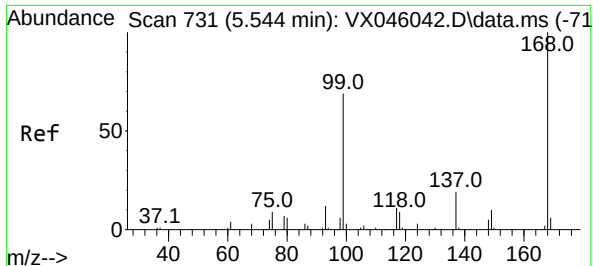
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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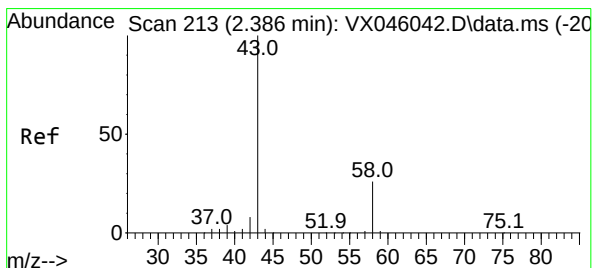
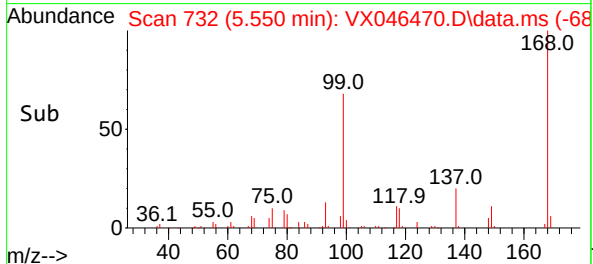
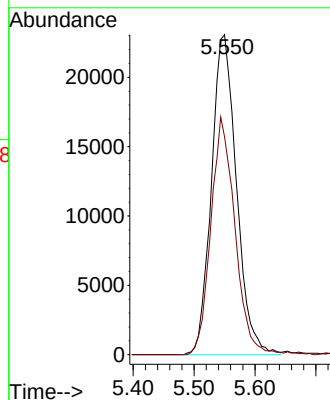
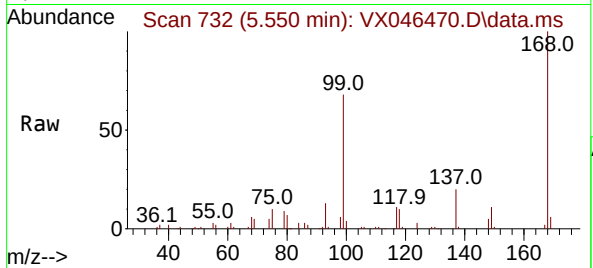




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

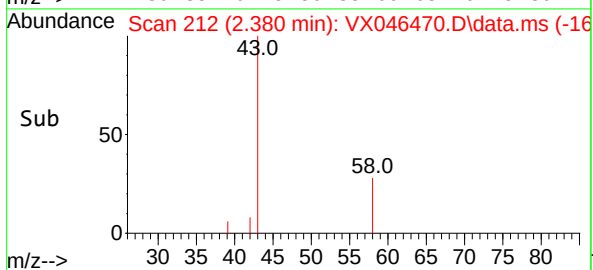
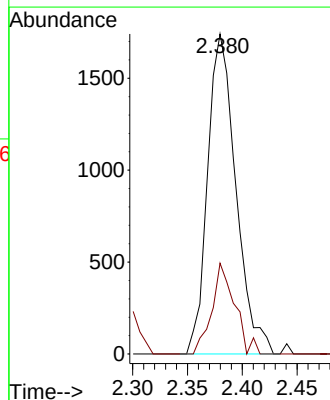
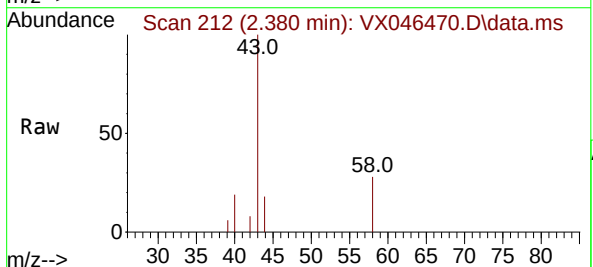
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-720-722

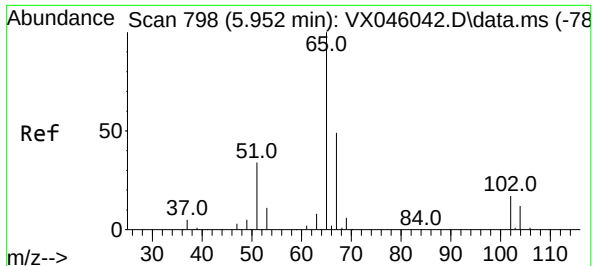
Tgt Ion:168 Resp: 65938
Ion Ratio Lower Upper
168 100
99 68.1 54.9 82.3



#16
Acetone
Concen: 6.336 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

Tgt Ion: 43 Resp: 3123
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 52.227 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046470.D

Acq: 03 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

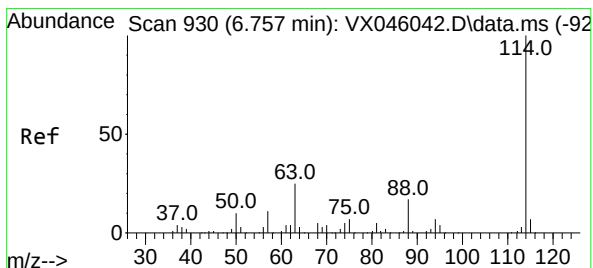
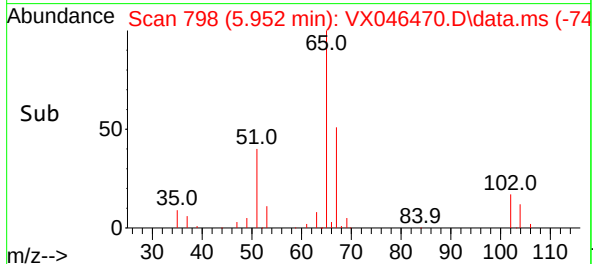
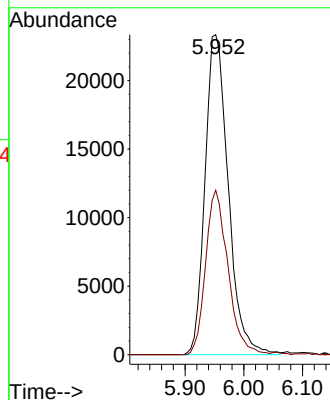
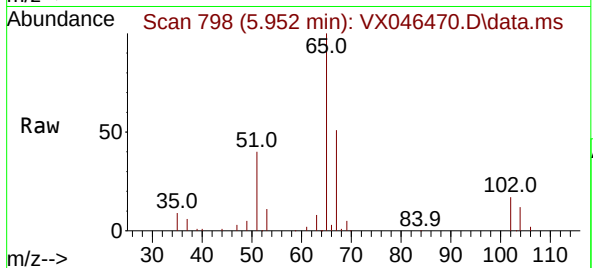
BP-VPB-182-GW-720-722

Tgt Ion: 65 Resp: 64202

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: VX046470.D

Acq: 03 Jun 2025 14:09

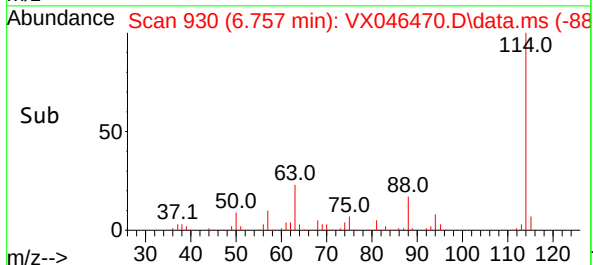
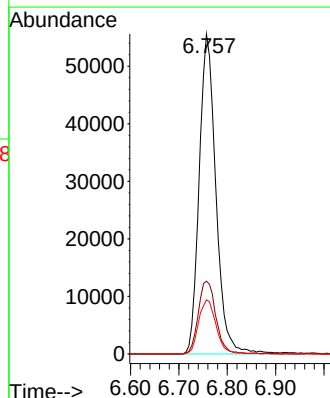
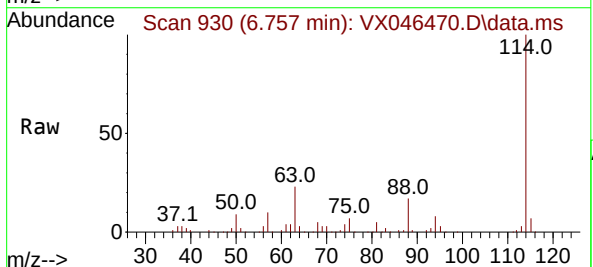
Tgt Ion: 114 Resp: 133475

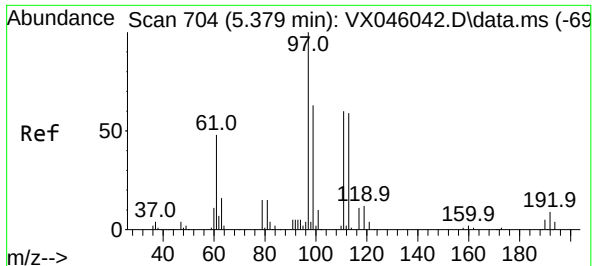
Ion Ratio Lower Upper

114 100

63 22.8 0.0 49.2

88 16.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.660 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX046470.D

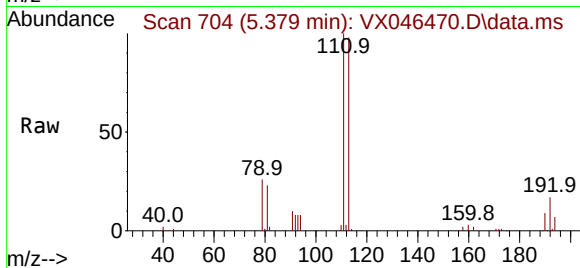
Acq: 03 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-720-722



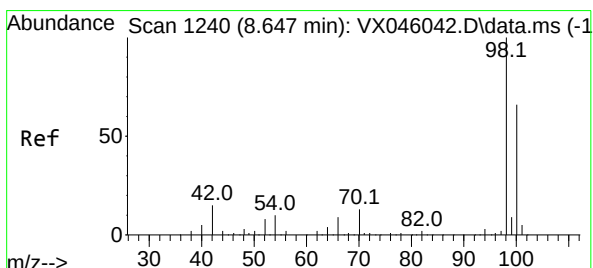
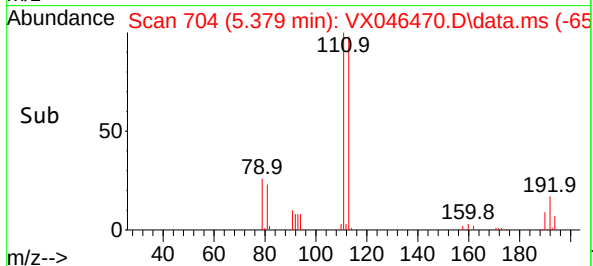
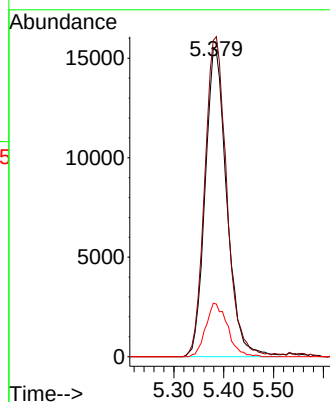
Tgt Ion:113 Resp: 46770

Ion Ratio Lower Upper

113 100

111 105.2 83.1 124.7

192 17.5 13.3 19.9



#50

Toluene-d8

Concen: 49.064 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX046470.D

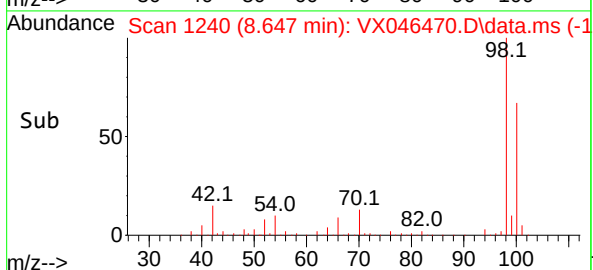
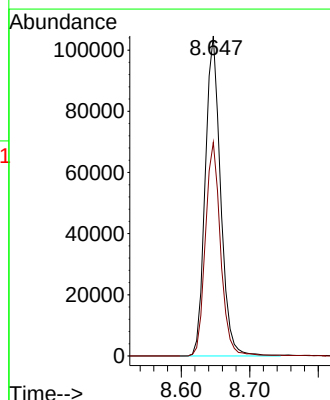
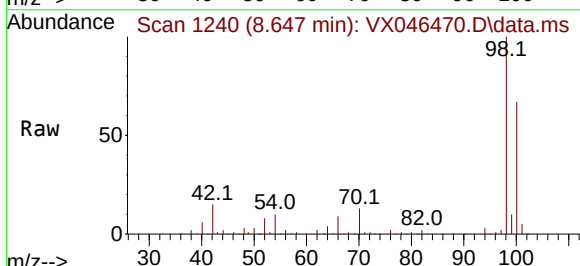
Acq: 03 Jun 2025 14:09

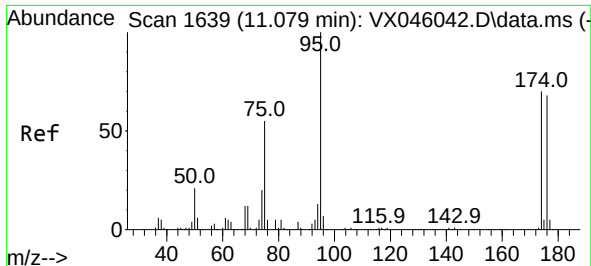
Tgt Ion: 98 Resp: 163222

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3

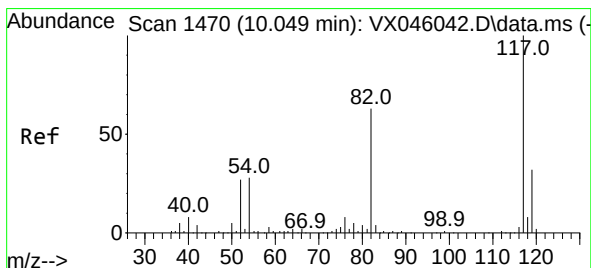
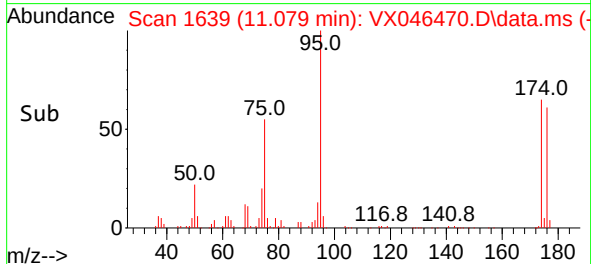
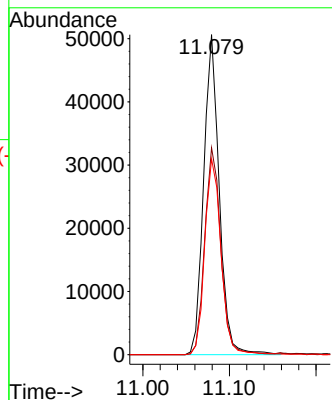
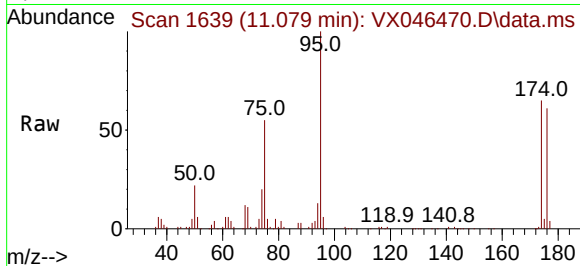




#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

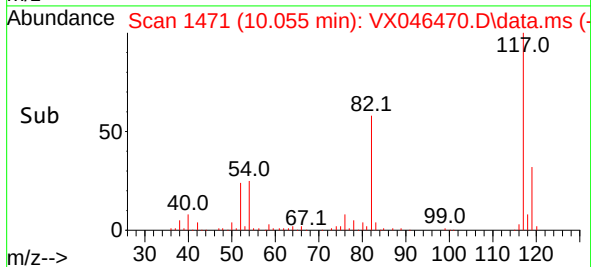
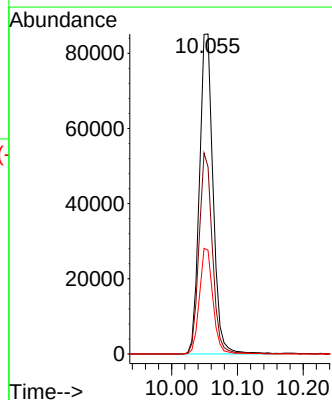
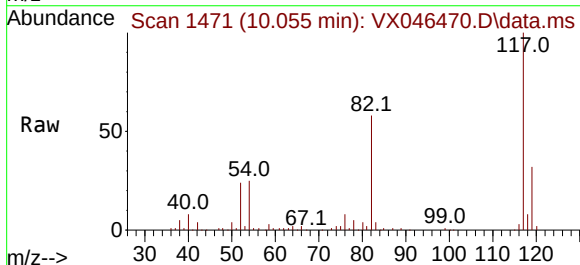
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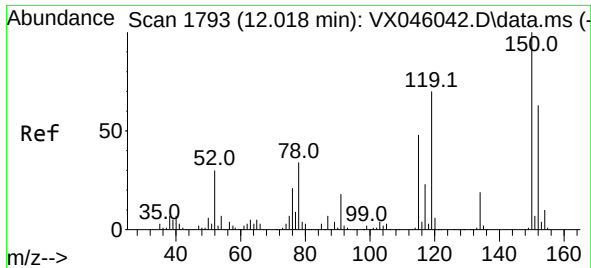
Tgt Ion: 95 Resp: 63368
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046470.D
Acq: 03 Jun 2025 14:09

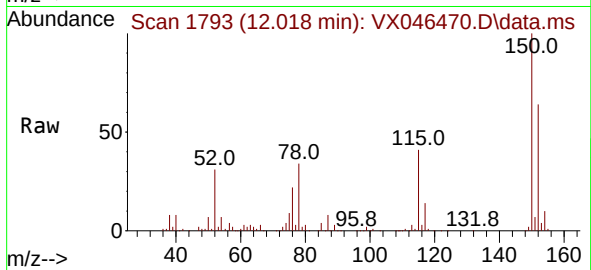
Tgt Ion: 117 Resp: 122673
Ion Ratio Lower Upper
117 100
82 58.5 50.6 76.0
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046470.D
 Acq: 03 Jun 2025 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-720-722



Tgt Ion:152 Resp: 50694
 Ion Ratio Lower Upper
 152 100
 115 64.3 46.9 140.7
 150 157.5 0.0 351.0

