

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046421.D
 Acq On : 30 May 2025 15:02
 Operator : JC/MD
 Sample : Q2162-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-TB-20250527

Quant Time: May 30 23:29:19 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	5.543	168	65791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66788	54.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.900%
35) Dibromofluoromethane	5.379	113	48257	51.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.646	98	164436	50.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	64433	51.422	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.840%

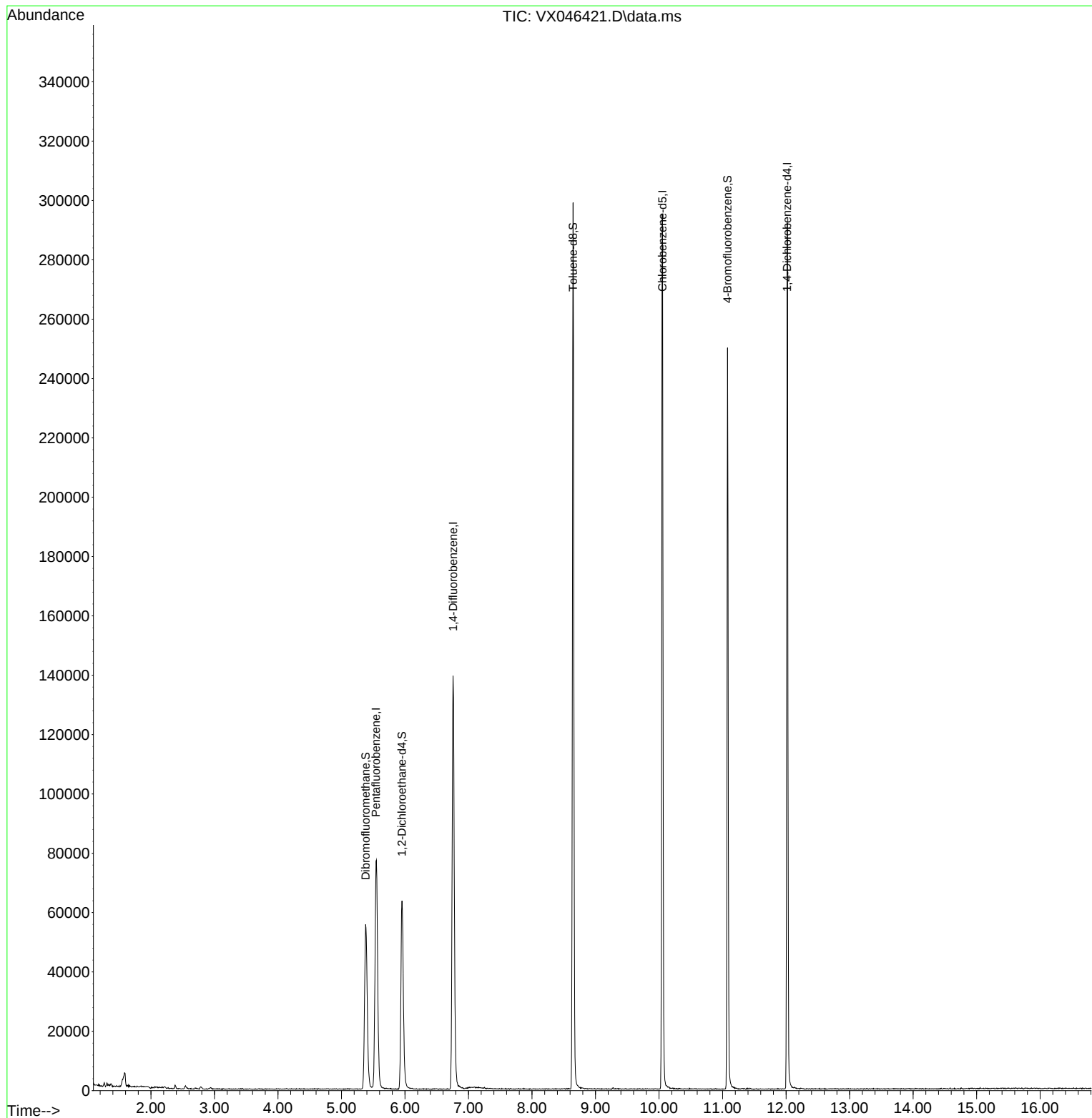
Target Compounds	Qvalue

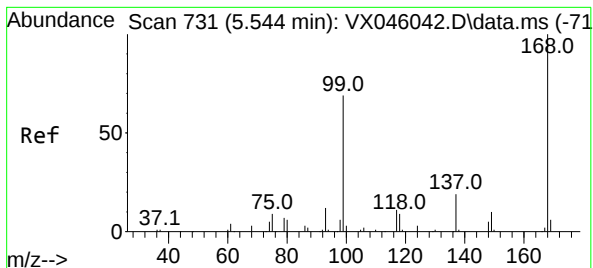
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.543 min Scan# 71

Delta R.T. -0.001 min

Lab File: VX046421.D

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Instrument :

MSVOA_X

ClientSampleId :

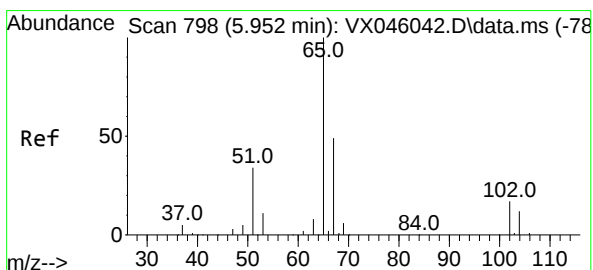
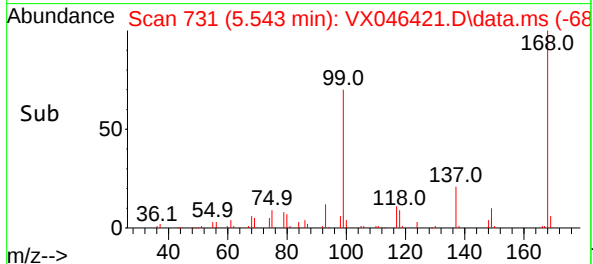
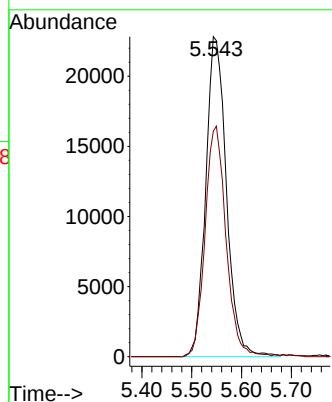
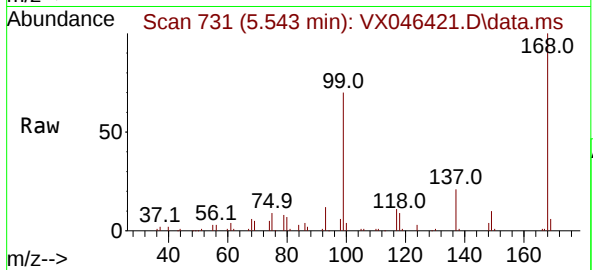
BP-VPB-182-TB-20250527

Tgt Ion:168 Resp: 65791

Ion Ratio Lower Upper

168 100

99 70.4 54.9 82.3



#33

1,2-Dichloroethane-d4

Concen: 54.452 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046421.D

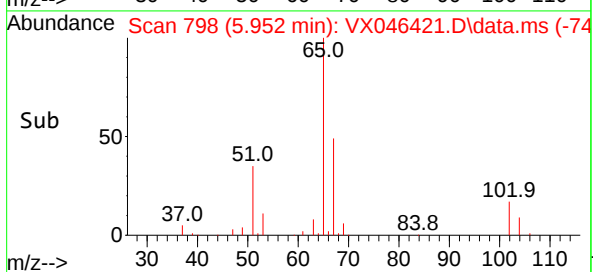
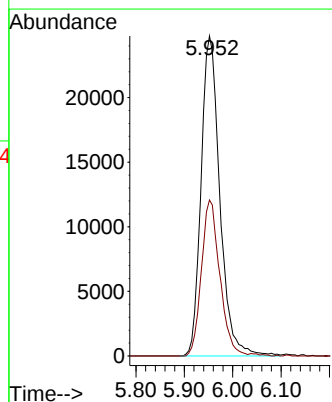
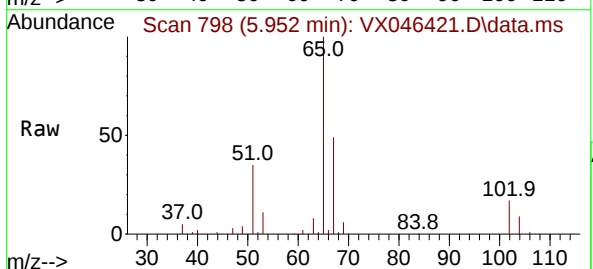
Acq: 30 May 2025 15:02

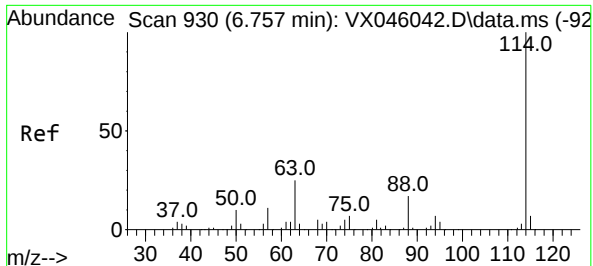
Tgt Ion: 65 Resp: 66788

Ion Ratio Lower Upper

65 100

67 47.6 0.0 99.0

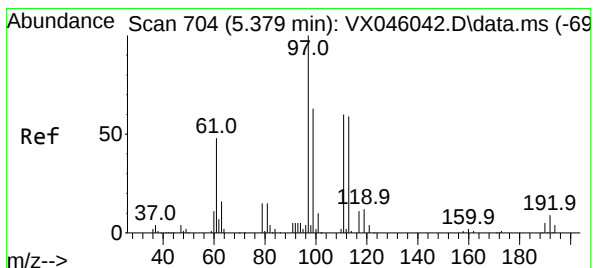
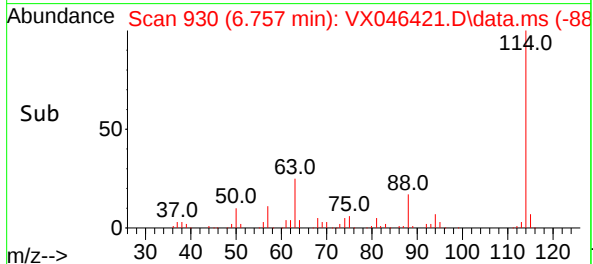
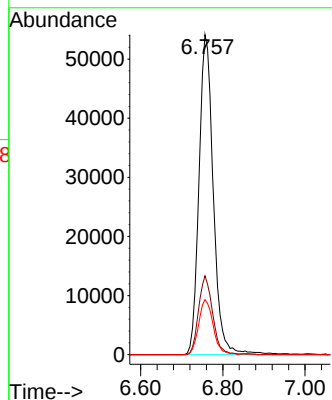
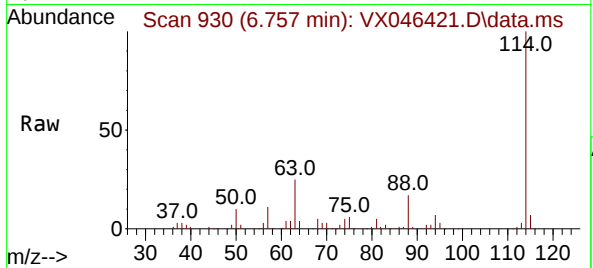




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

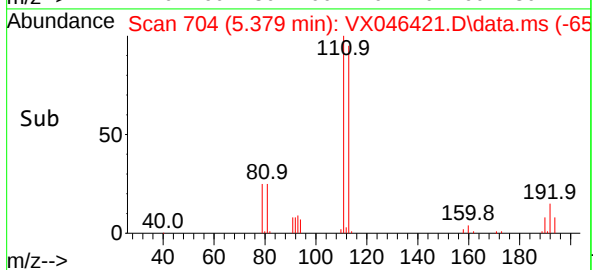
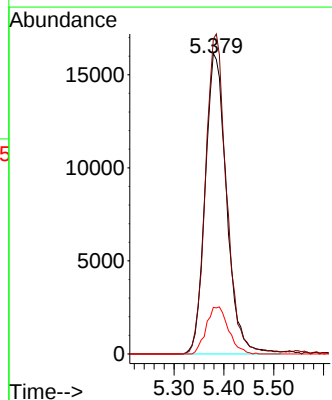
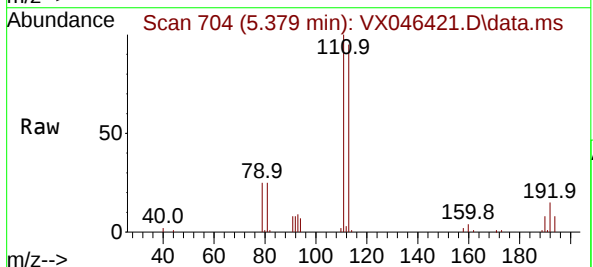
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

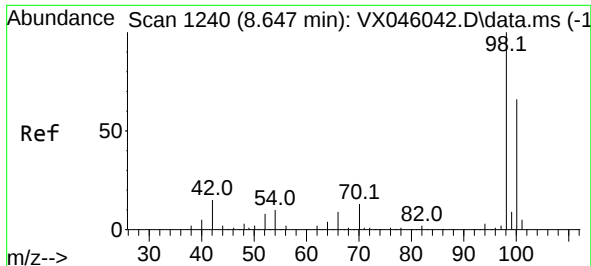
Tgt Ion:114 Resp: 131064
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.2 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.131 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion:113 Resp: 48257
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 16.2 13.3 19.9

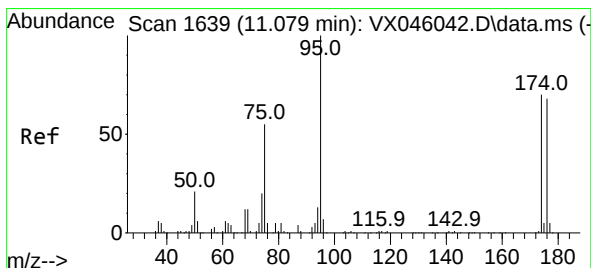
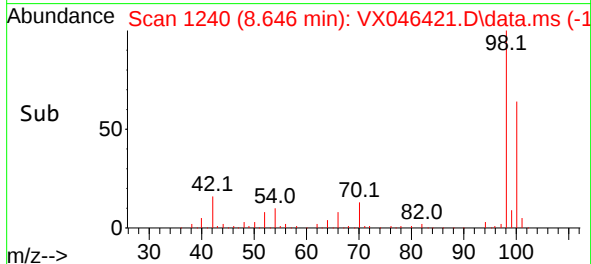
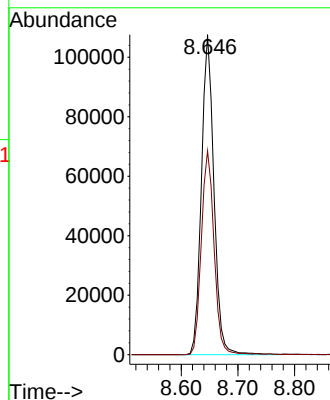
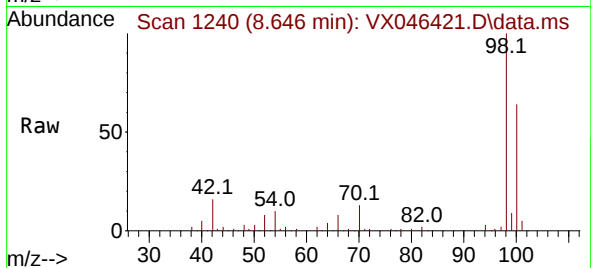




#50
Toluene-d8
Concen: 50.338 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

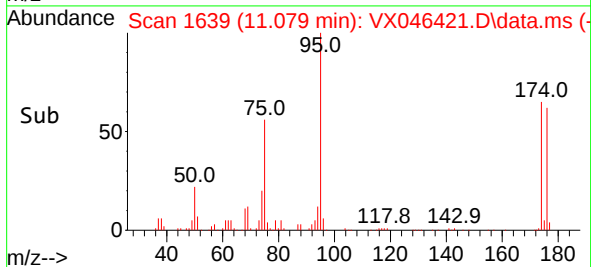
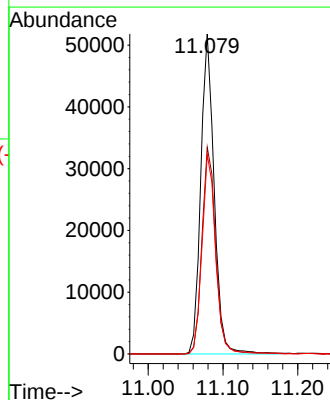
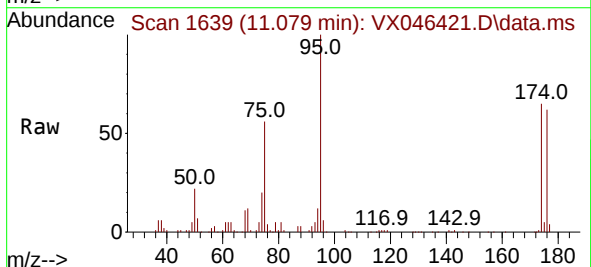
Instrument :
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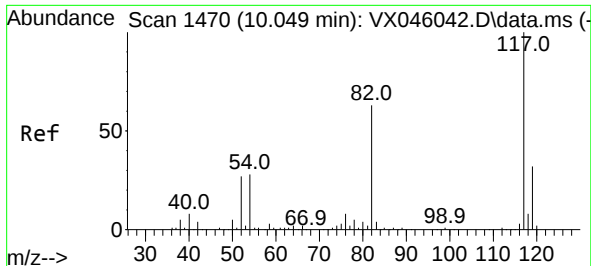
Tgt Ion: 98 Resp: 164436
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion: 95 Resp: 64433
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 63.5 0.0 131.4

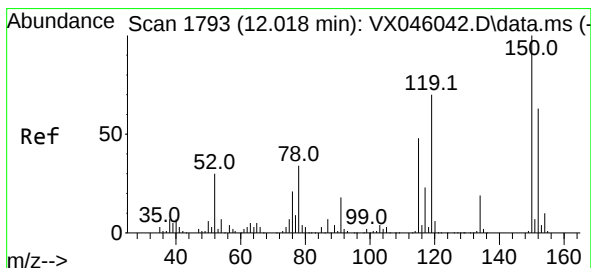
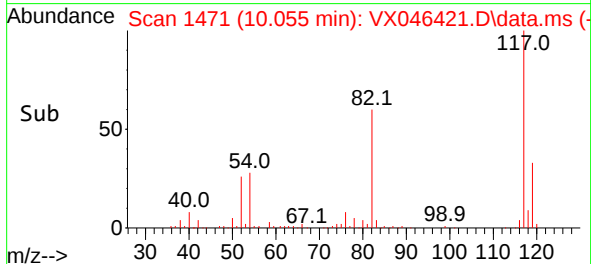
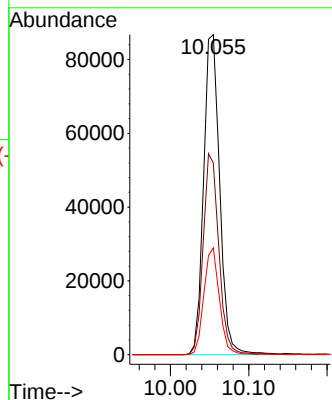
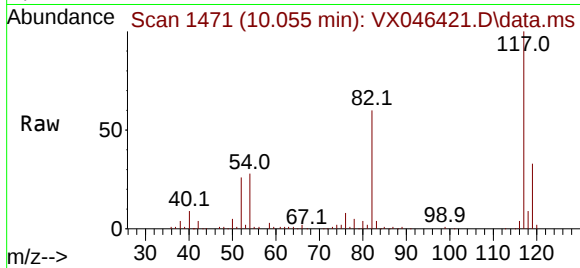




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046421.D
Acq: 30 May 2025 15:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-TB-20250527

Tgt Ion:117 Resp: 123806
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 33.4 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: VX046421.D
Acq: 30 May 2025 15:02

Tgt Ion:152 Resp: 54063
Ion Ratio Lower Upper
152 100
115 66.2 46.9 140.7
150 154.7 0.0 351.0

