

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046204.D
 Acq On : 15 May 2025 11:25
 Operator : JC/MD
 Sample : Q2032-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-05132025

Quant Time: May 16 01:02:34 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	61853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63210	54.816	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.640%
35) Dibromofluoromethane	5.379	113	46246	52.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.720%
50) Toluene-d8	8.647	98	153864	50.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	57377	49.396	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.800%

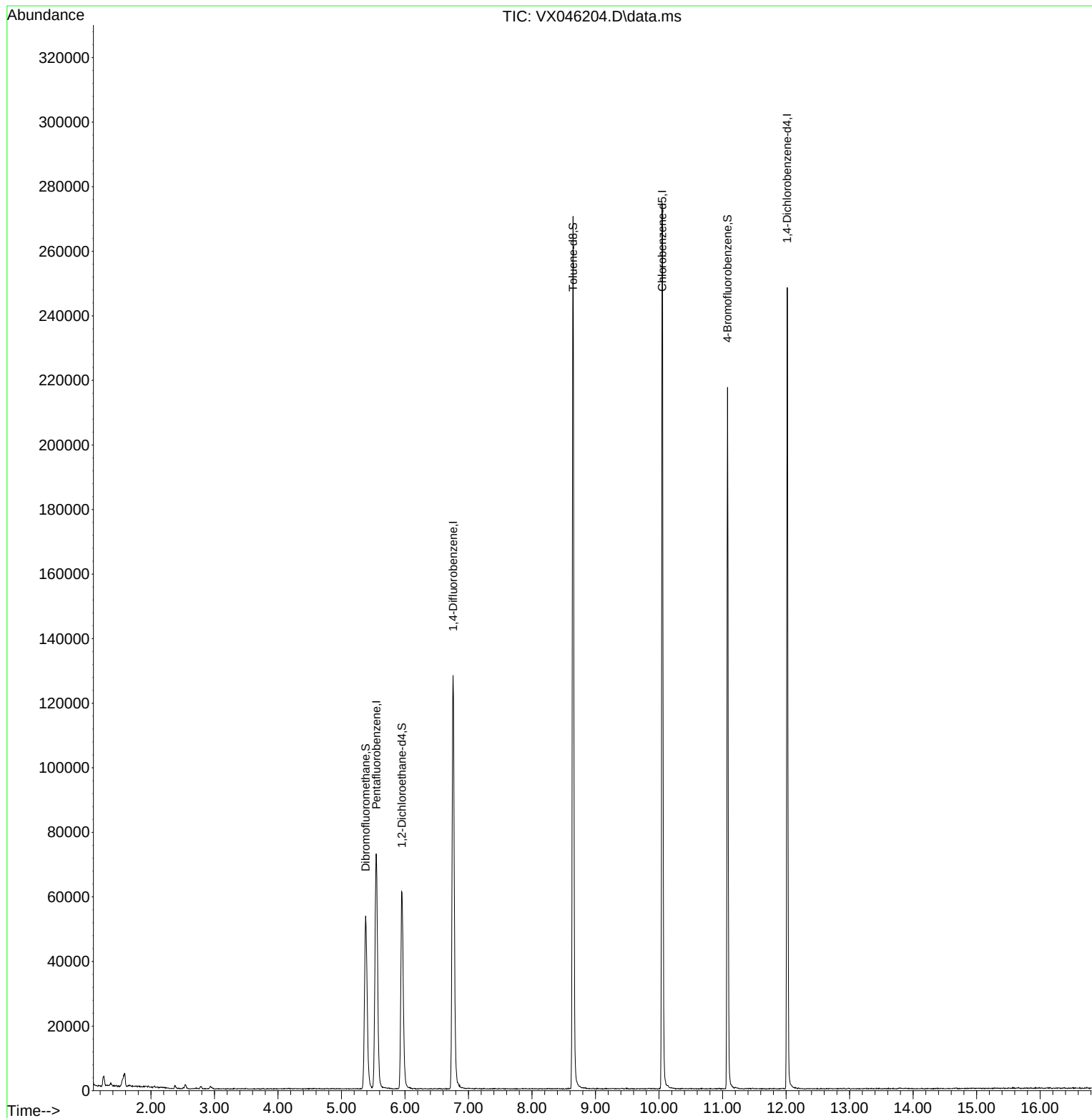
Target Compounds	Qvalue

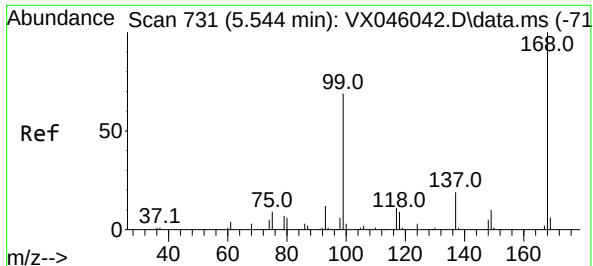
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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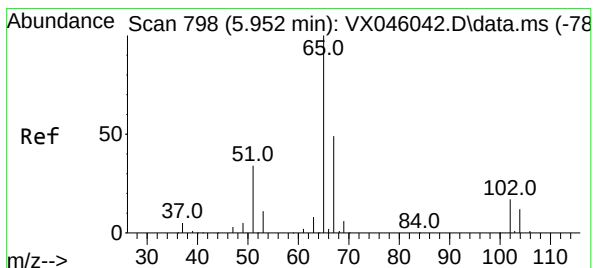
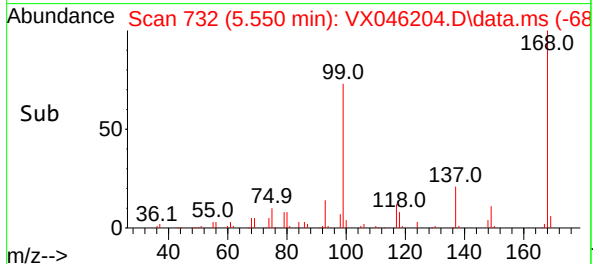
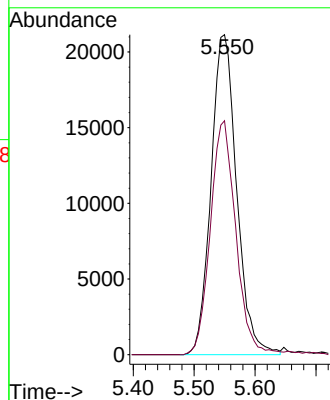
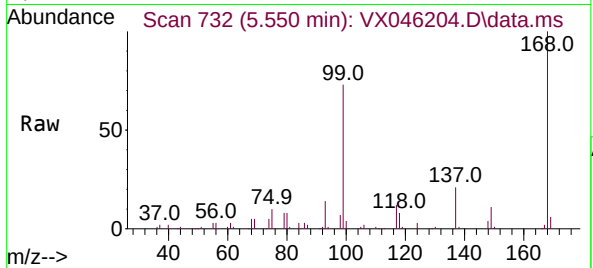




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046204.D
Acq: 15 May 2025 11:25

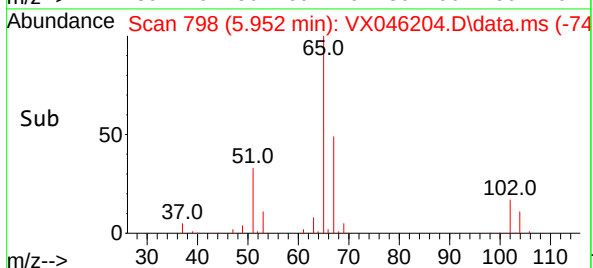
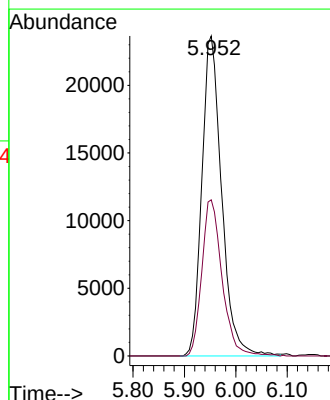
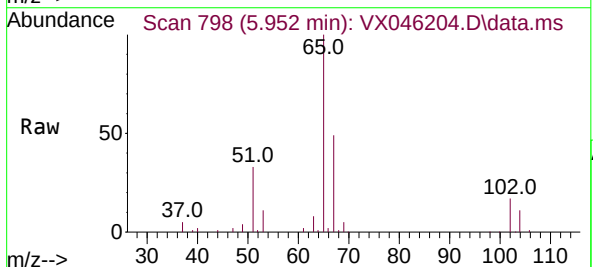
Instrument :
MSVOA_X
ClientSampleId :
FB-05132025

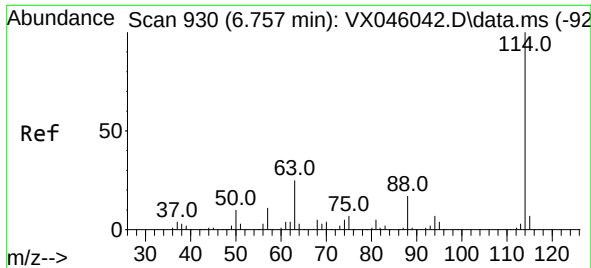
Tgt Ion:168 Resp: 61853
Ion Ratio Lower Upper
168 100
99 73.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.816 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046204.D
Acq: 15 May 2025 11:25

Tgt Ion: 65 Resp: 63210
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

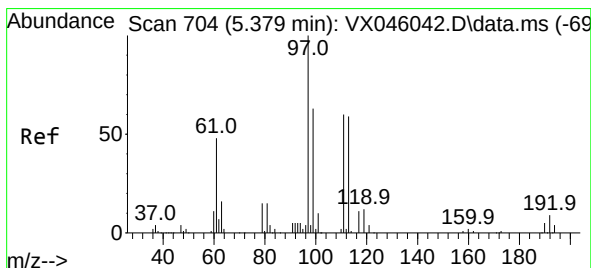
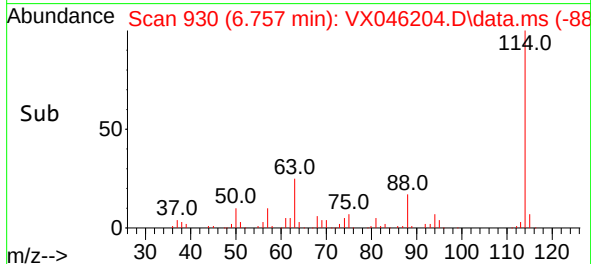
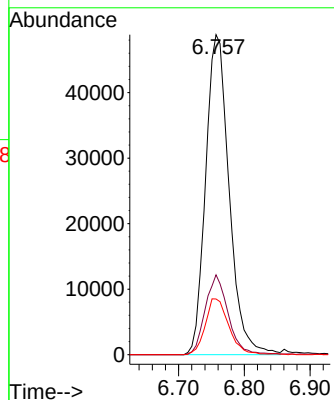
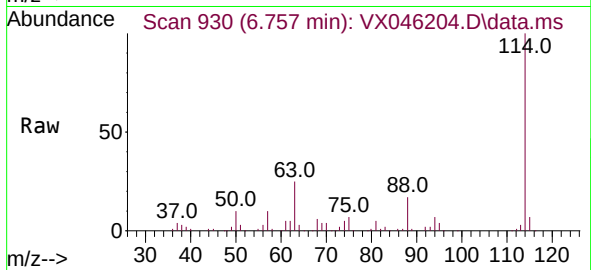




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX046204.D
 Acq: 15 May 2025 11:25

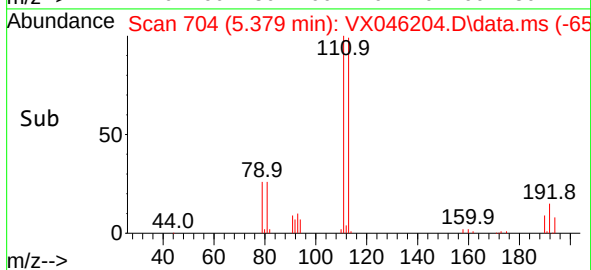
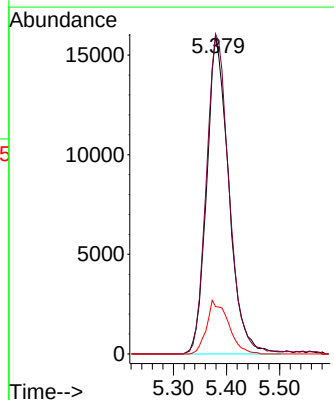
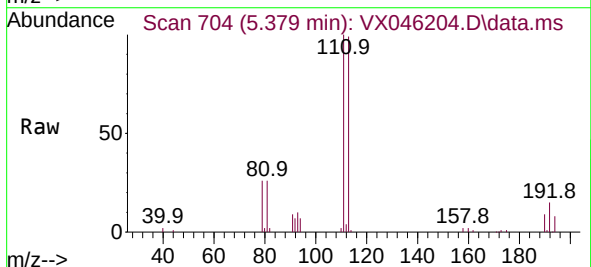
Instrument :
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 ClientSampleId :
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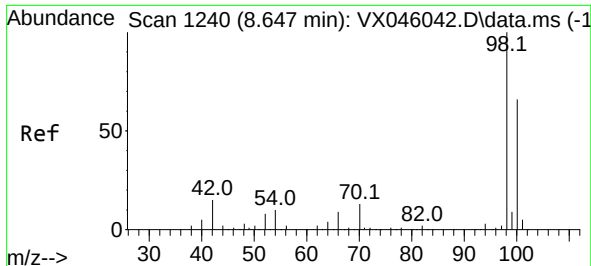
Tgt Ion:114 Resp: 121497
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.4 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 52.858 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX046204.D
 Acq: 15 May 2025 11:25

Tgt Ion:113 Resp: 46246
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.1 124.7
 192 16.5 13.3 19.9

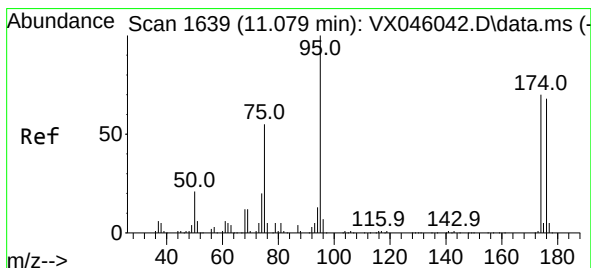
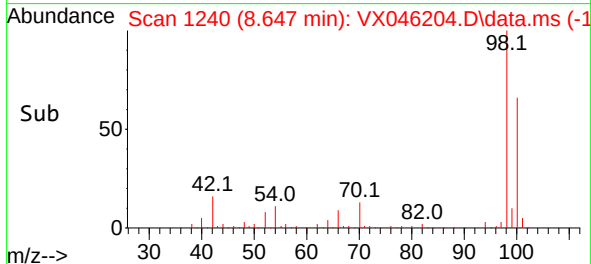
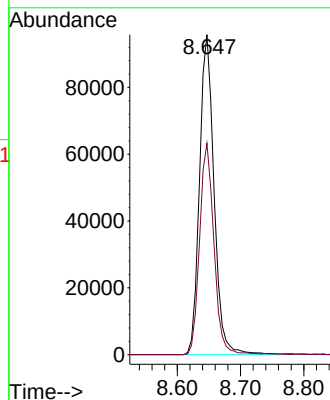
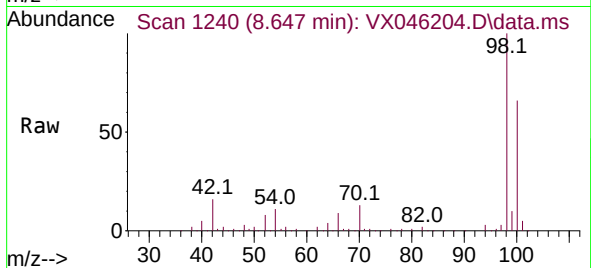




#50
Toluene-d8
Concen: 50.811 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046204.D
Acq: 15 May 2025 11:25

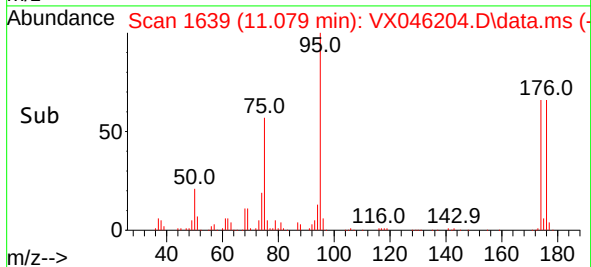
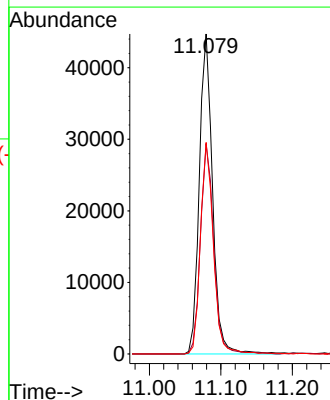
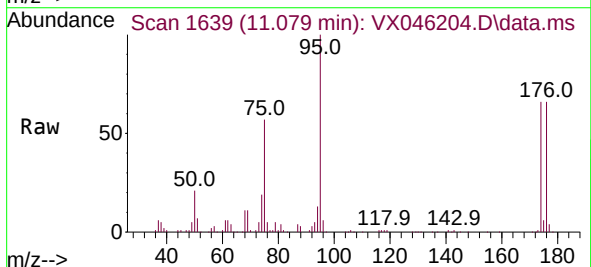
Instrument :
MSVOA_X
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FB-05132025

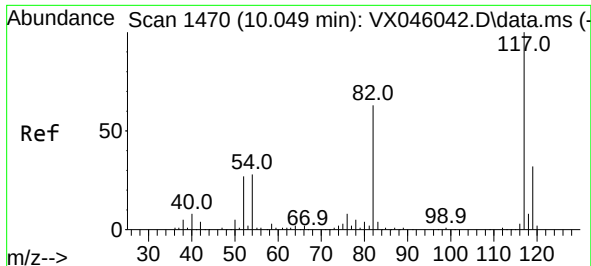
Tgt Ion: 98 Resp: 153864
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046204.D
Acq: 15 May 2025 11:25

Tgt Ion: 95 Resp: 57377
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.9 0.0 131.4

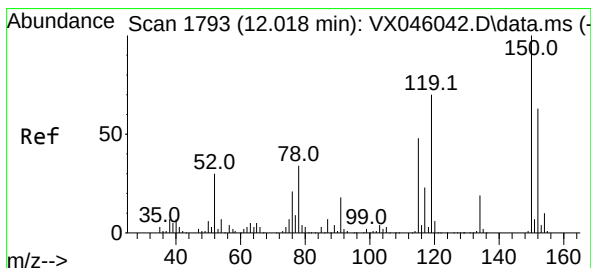
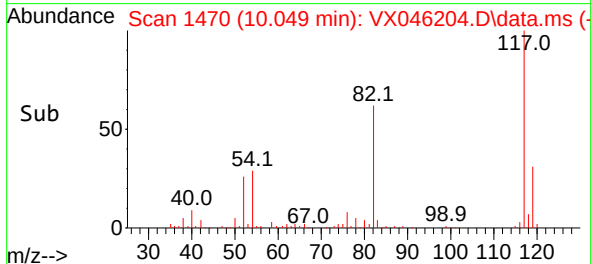
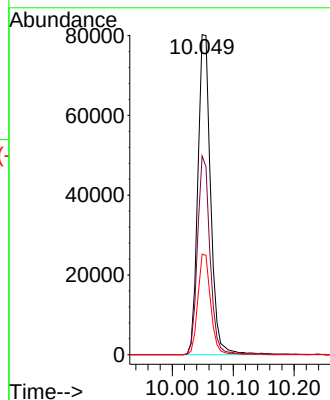
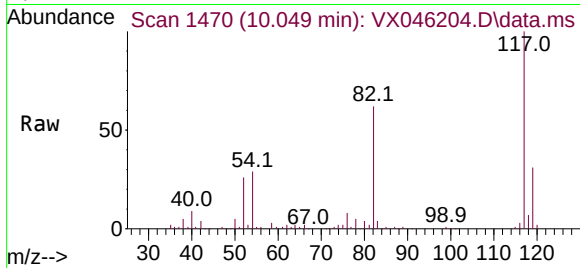




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046204.D
Acq: 15 May 2025 11:25

Instrument :
MSVOA_X
ClientSampleId :
FB-05132025

Tgt Ion:117 Resp: 116697
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 31.4 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: VX046204.D
Acq: 15 May 2025 11:25

Tgt Ion:152 Resp: 46318
Ion Ratio Lower Upper
152 100
115 64.1 46.9 140.7
150 156.5 0.0 351.0

