

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046440.D
 Acq On : 02 Jun 2025 13:14
 Operator : JC/MD
 Sample : Q2164-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 03 01:29:15 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	63283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125909	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64234	54.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.880%	
35) Dibromofluoromethane	5.385	113	46588	51.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	8.647	98	160014	50.990	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	11.079	95	57314	47.613	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.220%	

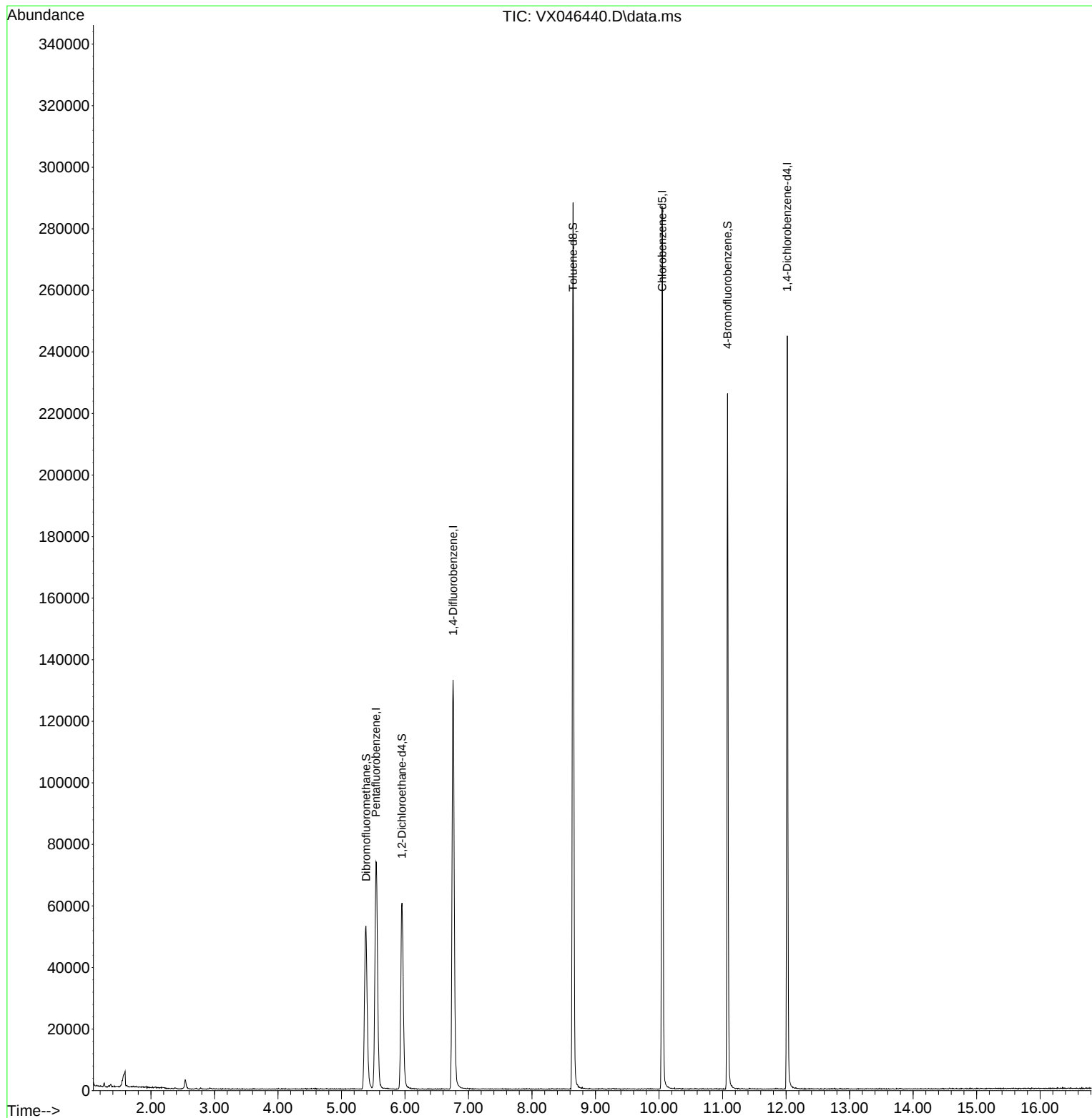
Target Compounds	Qvalue

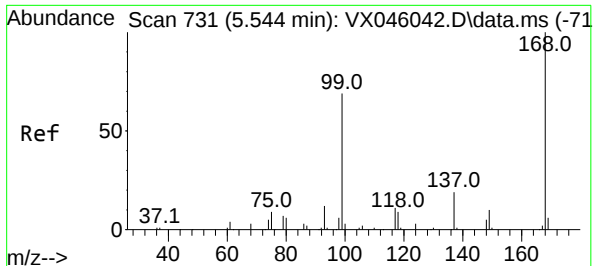
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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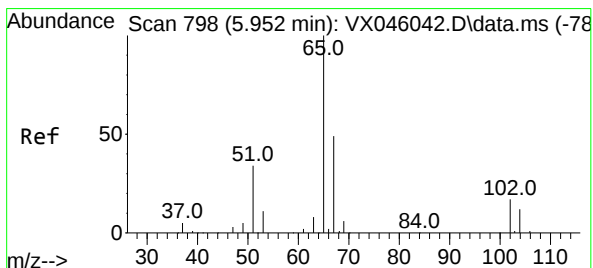
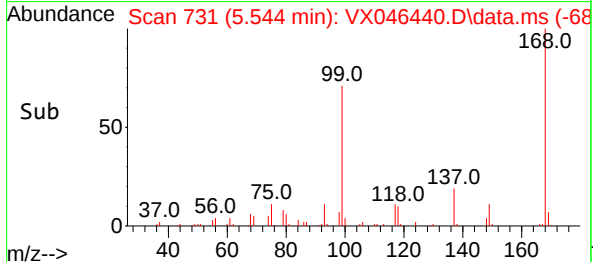
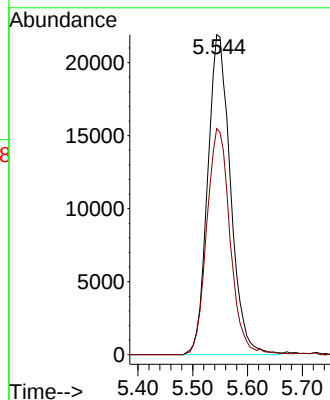
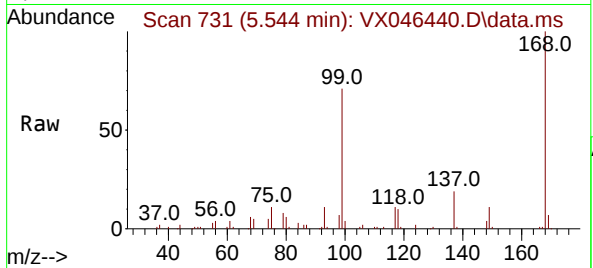




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

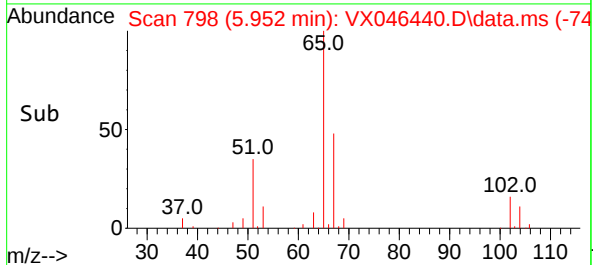
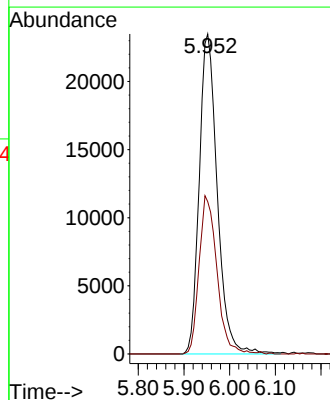
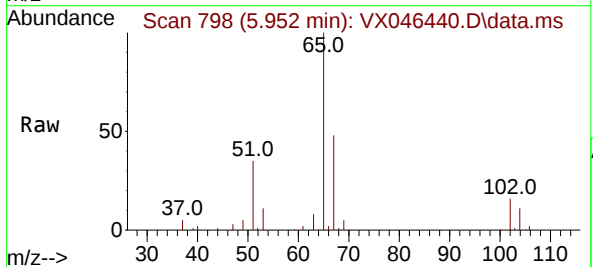
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

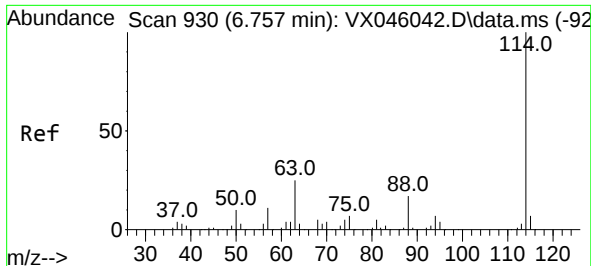
Tgt Ion:168 Resp: 63283
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 54.445 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 65 Resp: 64234
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.0

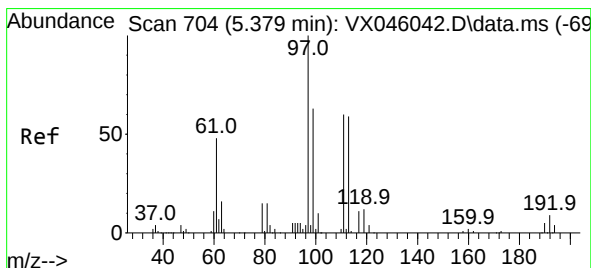
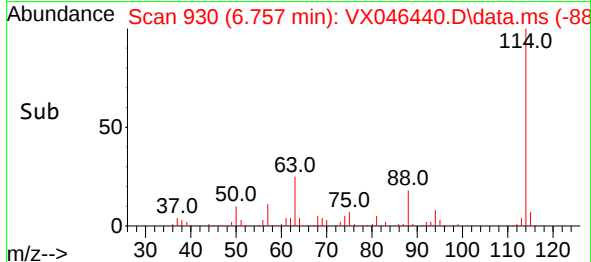
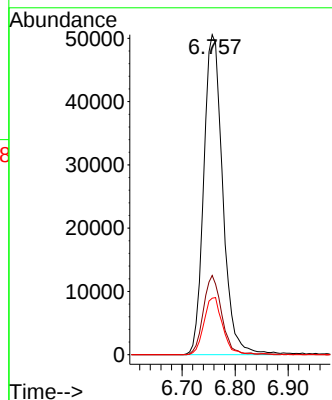
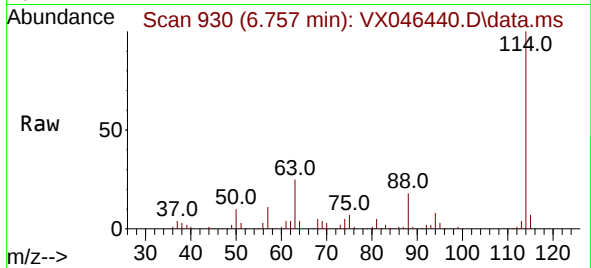




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

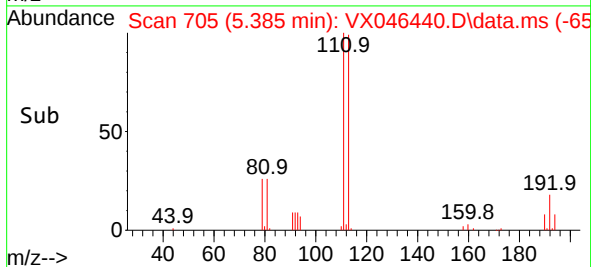
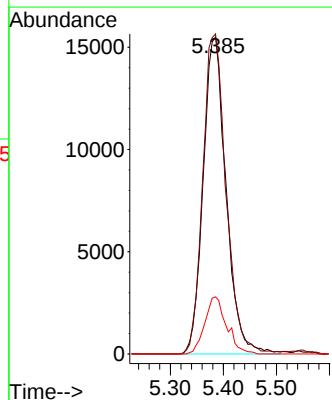
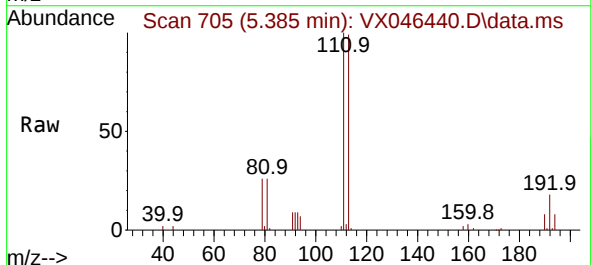
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MSVOA_X
ClientSampleId :
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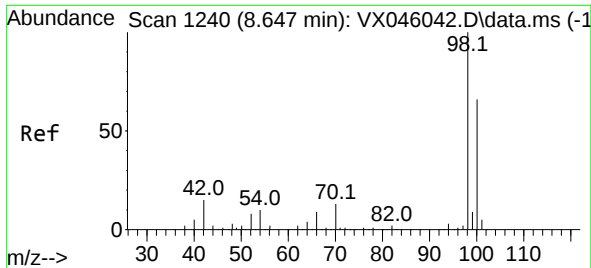
Tgt Ion:114 Resp: 125909
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.383 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion:113 Resp: 46588
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 17.1 13.3 19.9

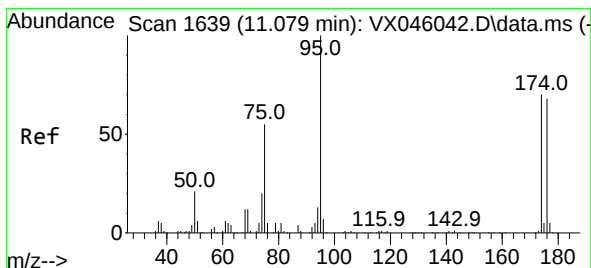
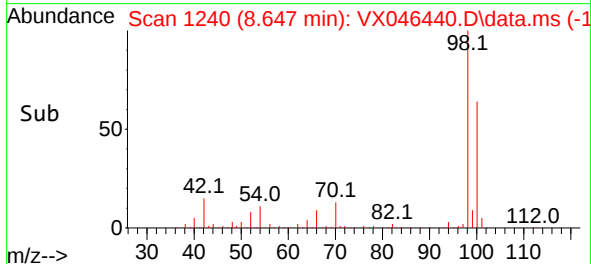
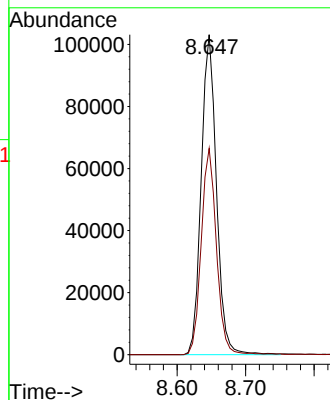
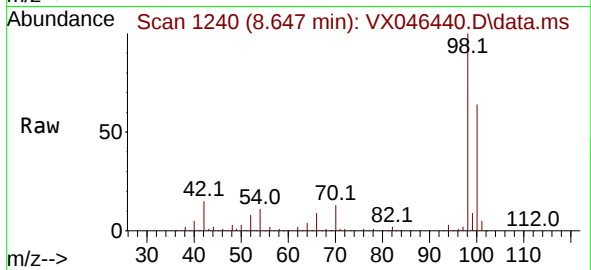




#50
Toluene-d8
Concen: 50.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

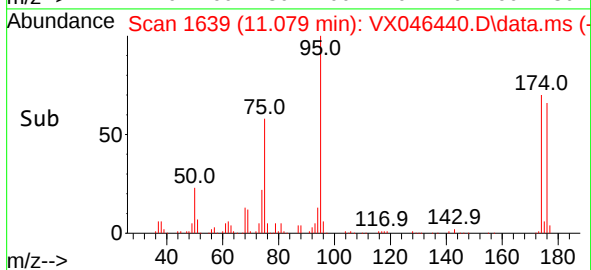
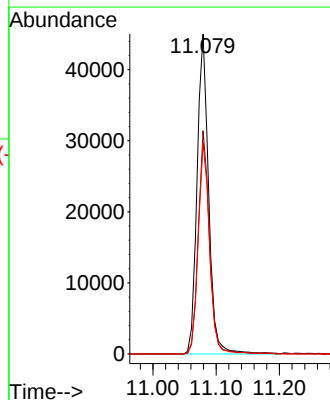
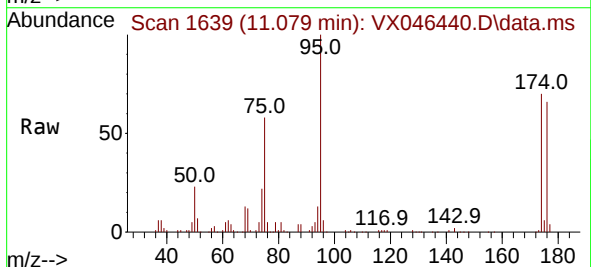
Instrument :
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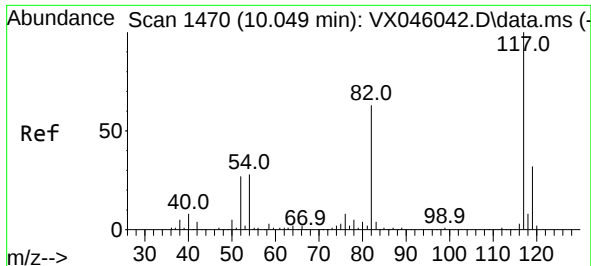
Tgt Ion: 98 Resp: 160014
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion: 95 Resp: 57314
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.7 0.0 131.4

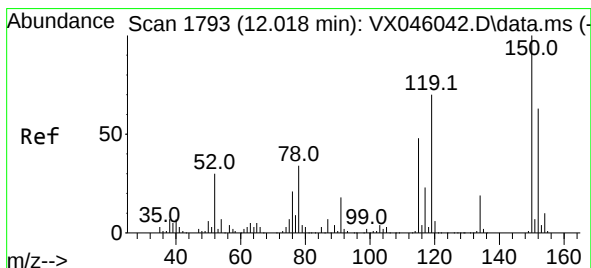
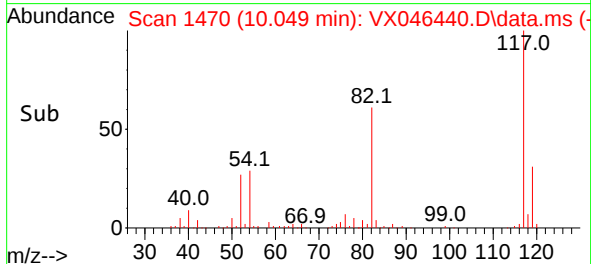
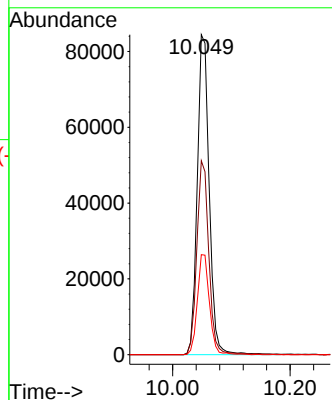
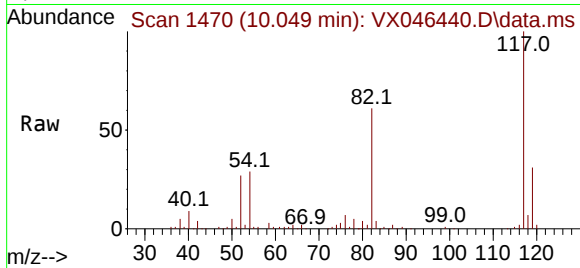




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046440.D
Acq: 02 Jun 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 119085
Ion Ratio Lower Upper
117 100
82 60.6 50.6 76.0
119 31.2 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: VX046440.D
Acq: 02 Jun 2025 13:14

Tgt Ion:152 Resp: 43605
Ion Ratio Lower Upper
152 100
115 65.6 46.9 140.7
150 161.8 0.0 351.0

