

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051625\
 Data File : VX046248.D
 Acq On : 16 May 2025 17:15
 Operator : JC/MD
 Sample : Q2072-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: May 16 23:08:47 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	60932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60839	53.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.120%
35) Dibromofluoromethane	5.385	113	44746	50.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.740%
50) Toluene-d8	8.647	98	151722	49.834	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	11.079	95	58203	49.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.680%

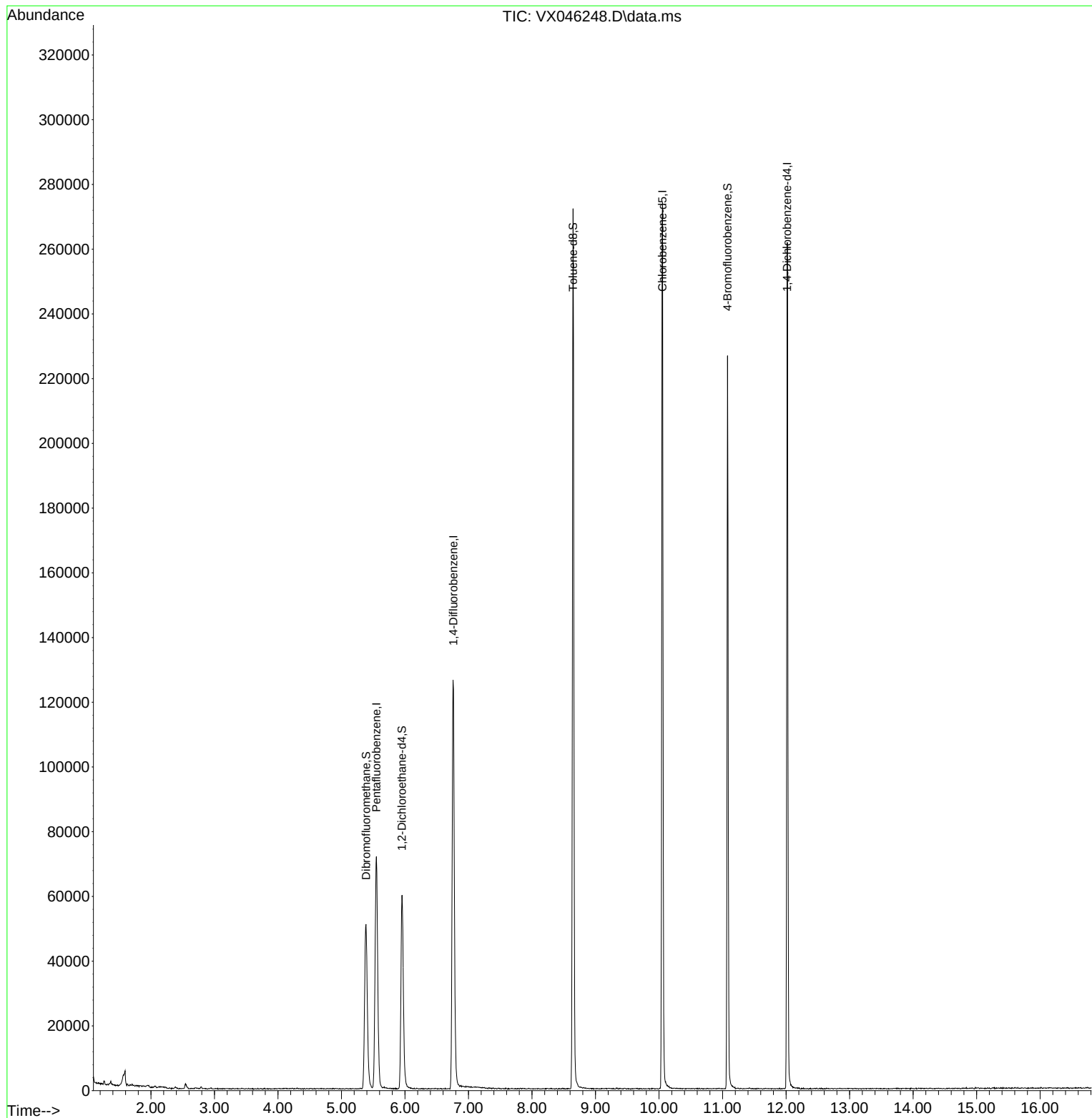
Target Compounds	Qvalue

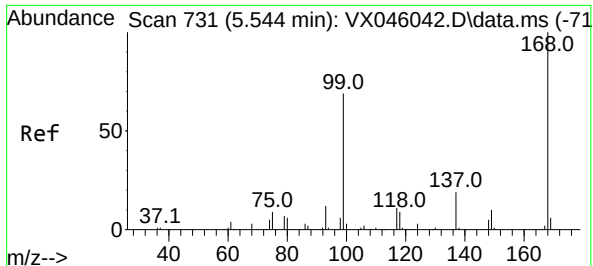
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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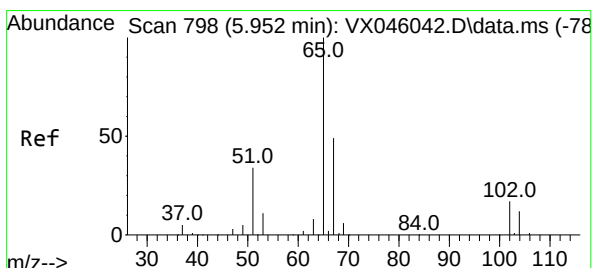
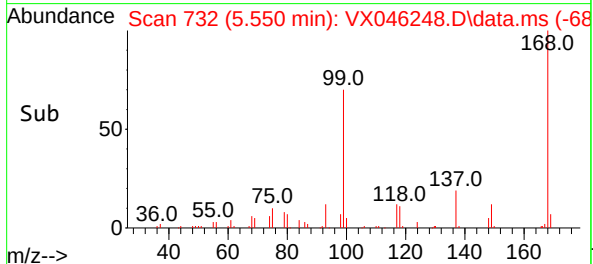
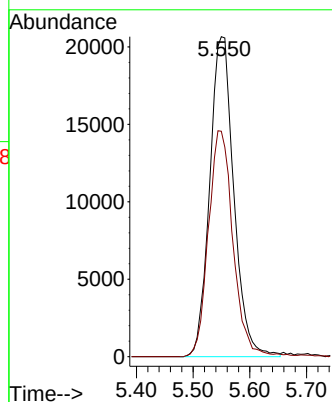
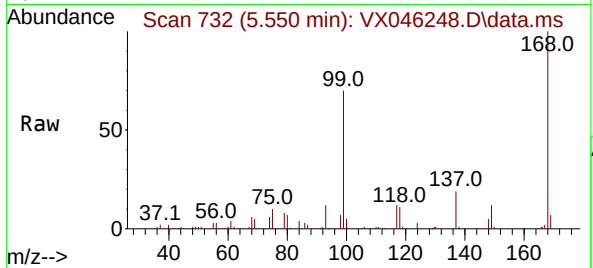




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046248.D
Acq: 16 May 2025 17:15

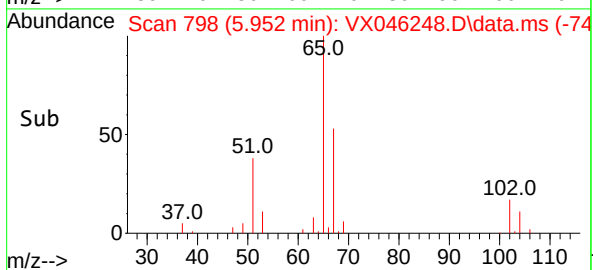
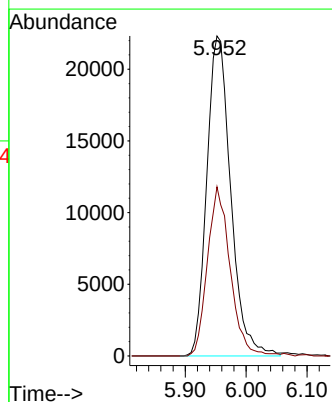
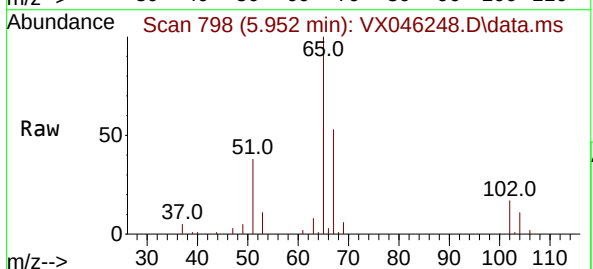
Instrument :
MSVOA_X
ClientSampleId :
MW-2

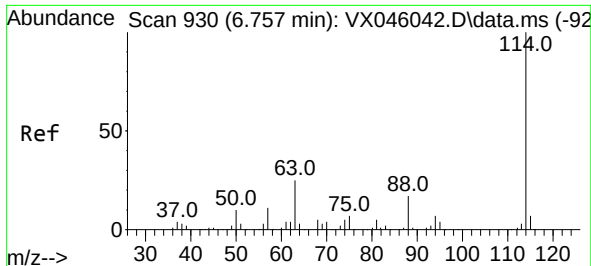
Tgt Ion:168 Resp: 60932
Ion Ratio Lower Upper
168 100
99 70.4 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 53.557 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046248.D
Acq: 16 May 2025 17:15

Tgt Ion: 65 Resp: 60839
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

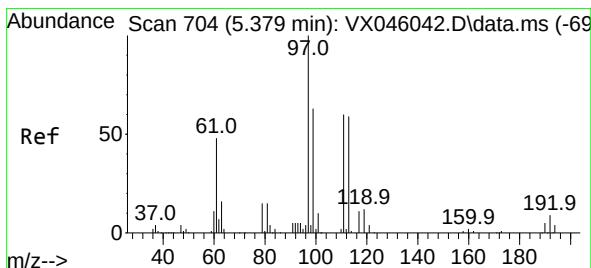
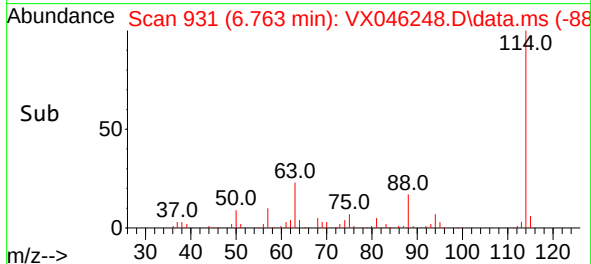
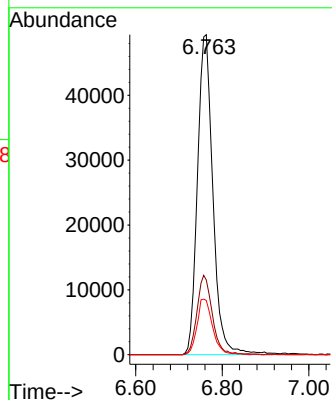
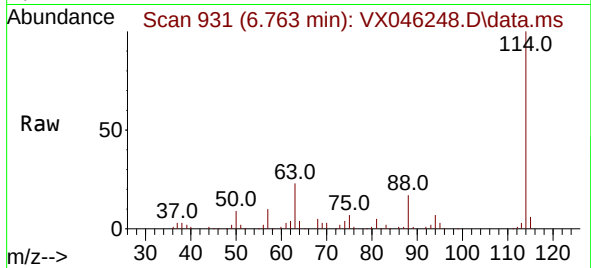




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX046248.D
 Acq: 16 May 2025 17:15

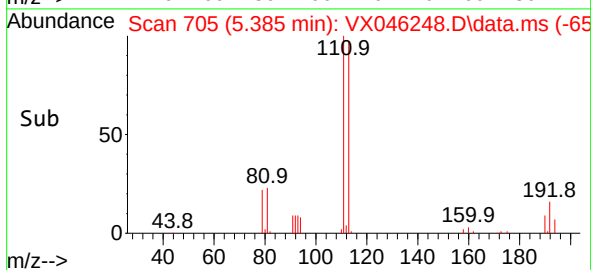
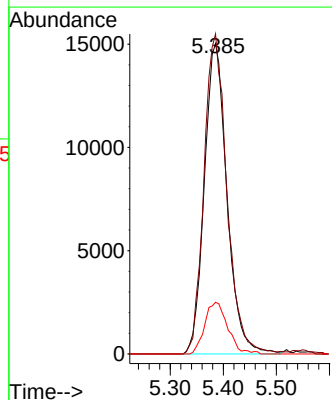
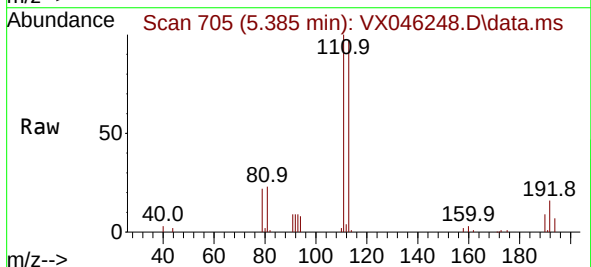
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

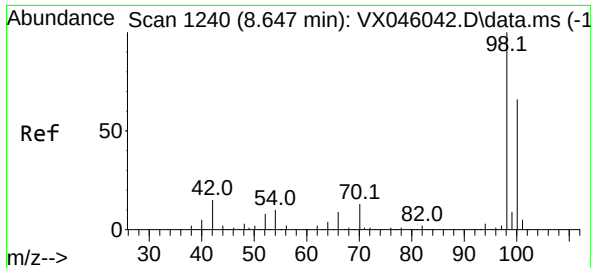
Tgt Ion:114 Resp: 122154
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 49.2
 88 16.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX046248.D
 Acq: 16 May 2025 17:15

Tgt Ion:113 Resp: 44746
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.1 124.7
 192 16.8 13.3 19.9

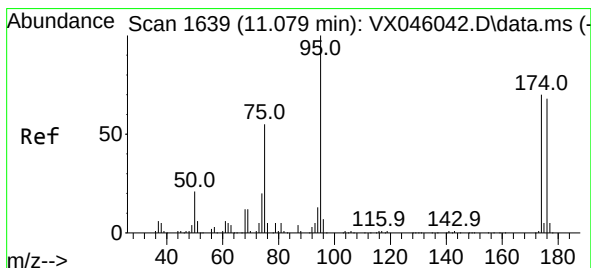
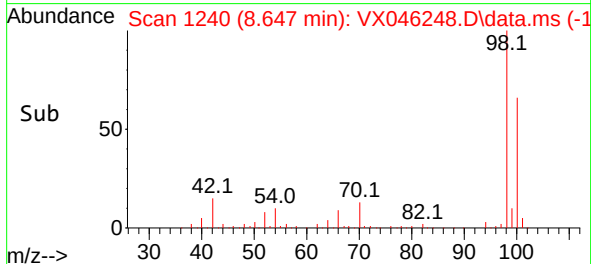
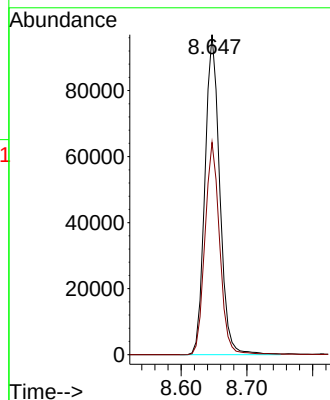
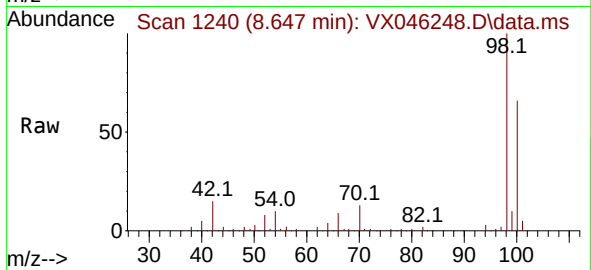




#50
Toluene-d8
Concen: 49.834 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046248.D
Acq: 16 May 2025 17:15

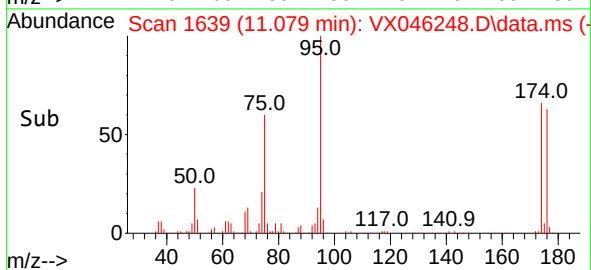
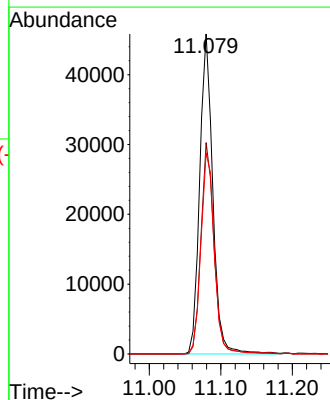
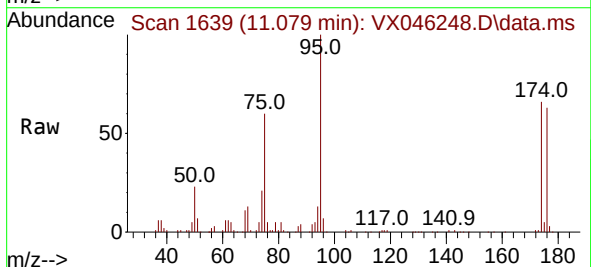
Instrument :
MSVOA_X
ClientSampleId :
MW-2

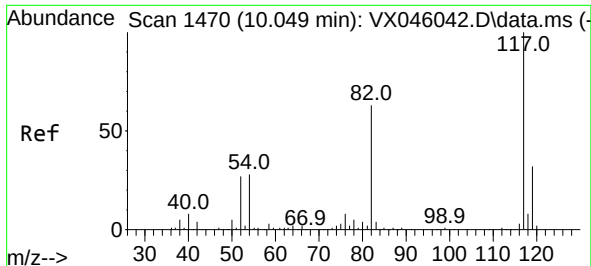
Tgt Ion: 98 Resp: 151722
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 49.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046248.D
Acq: 16 May 2025 17:15

Tgt Ion: 95 Resp: 58203
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 64.3 0.0 131.4

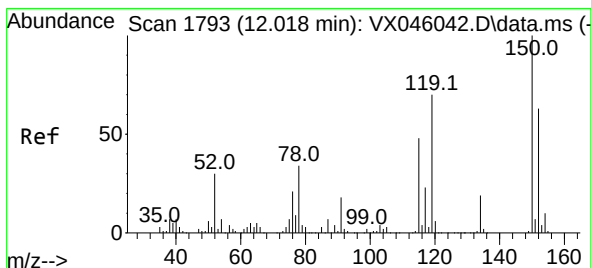
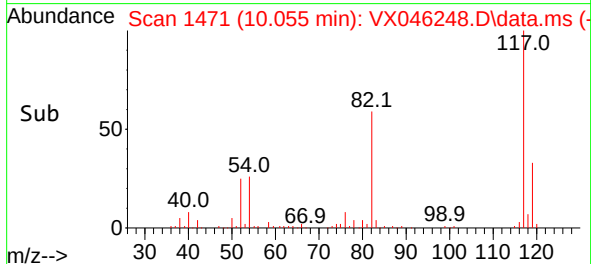
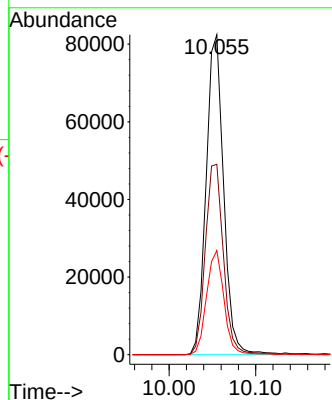
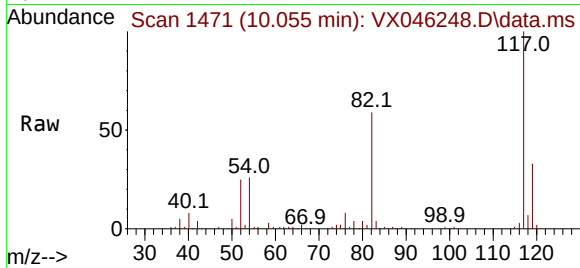




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046248.D
Acq: 16 May 2025 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:117 Resp: 115589
Ion Ratio Lower Upper
117 100
82 59.5 50.6 76.0
119 32.6 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: VX046248.D
Acq: 16 May 2025 17:15

Tgt Ion:152 Resp: 48818
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 156.8 0.0 351.0

