

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
 Data File : VX045142.D
 Acq On : 05 Mar 2025 15:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 06 01:07:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	76983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60610	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65166	53.217	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.440%
35) Dibromofluoromethane	5.379	113	51358	50.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.660%
50) Toluene-d8	8.647	98	190954	52.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.260%
62) 4-Bromofluorobenzene	11.079	95	66039	54.403	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.800%

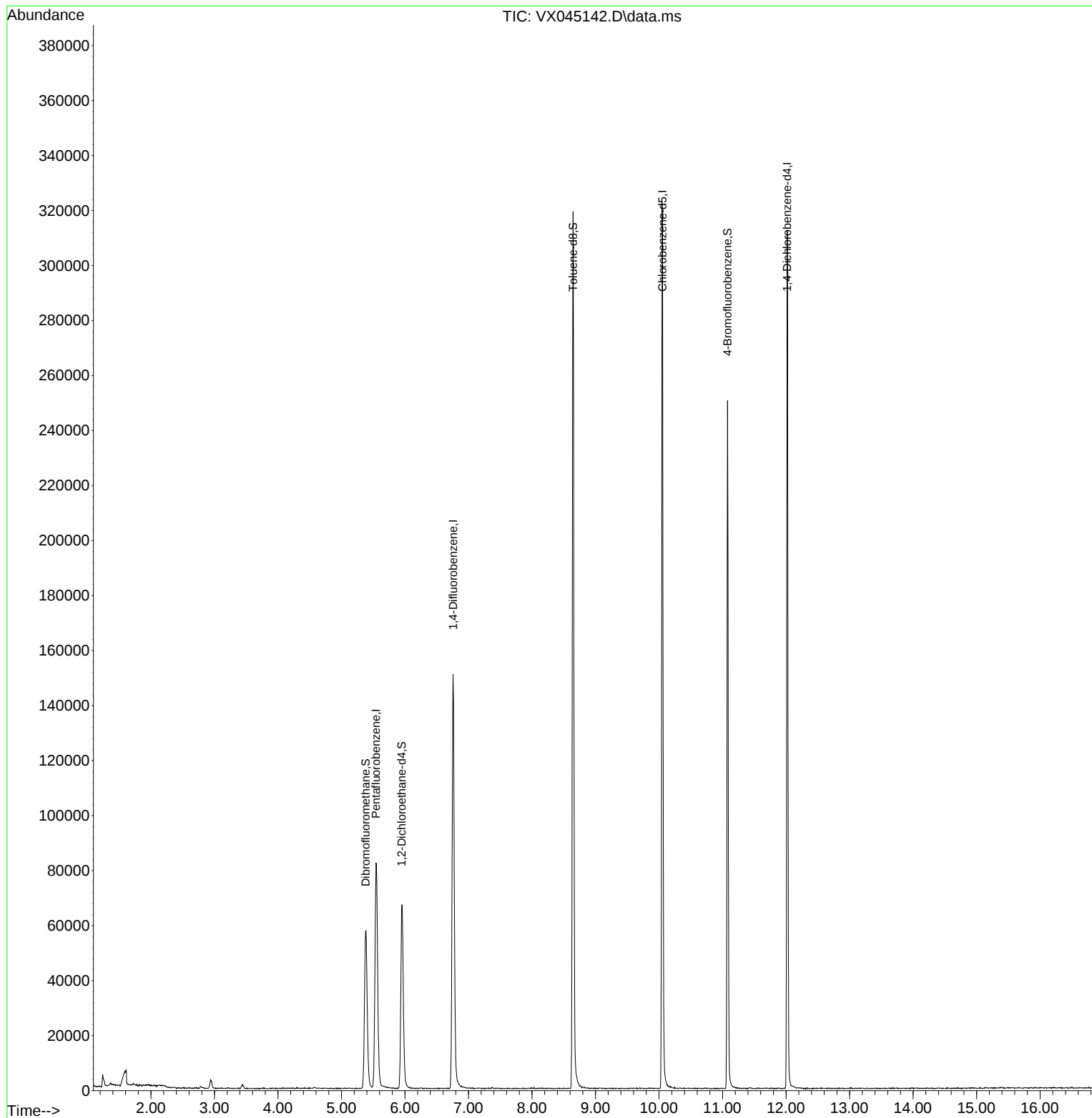
Target Compounds	Qvalue

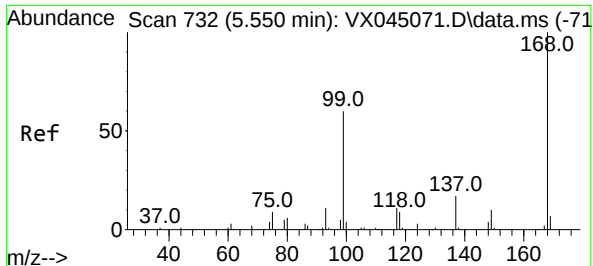
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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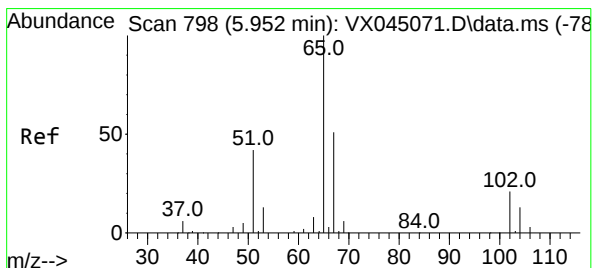
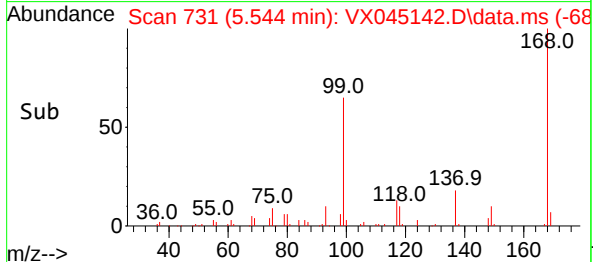
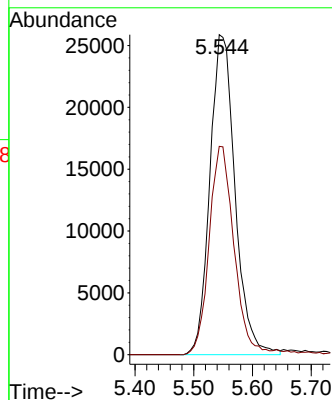
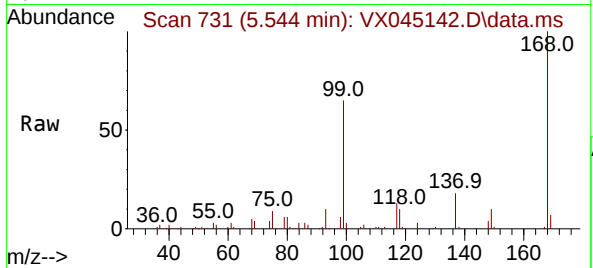




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

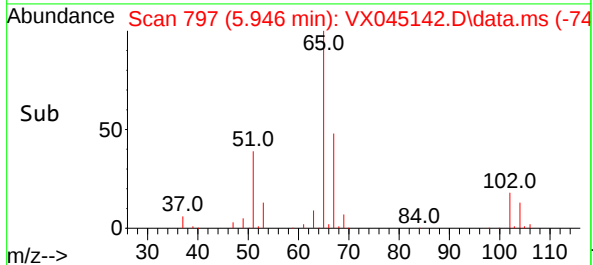
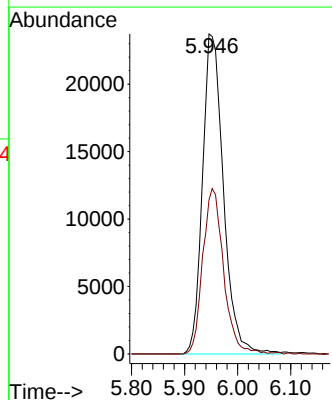
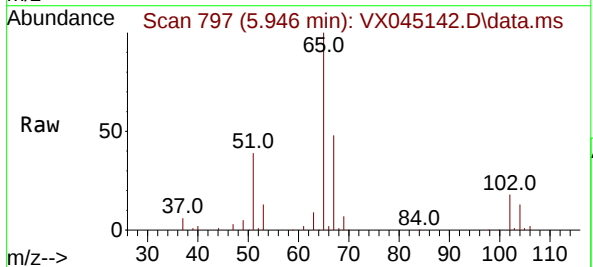
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 76983
Ion Ratio Lower Upper
168 100
99 65.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.217 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 65 Resp: 65166
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

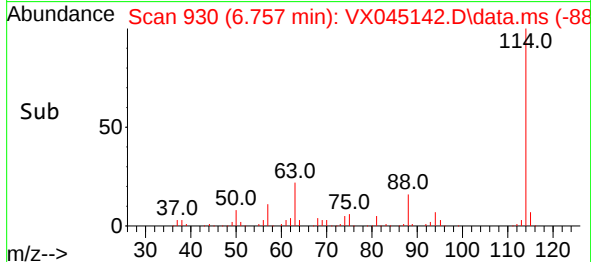
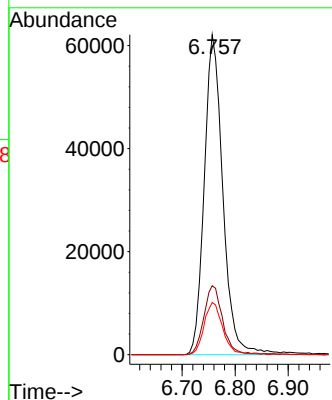
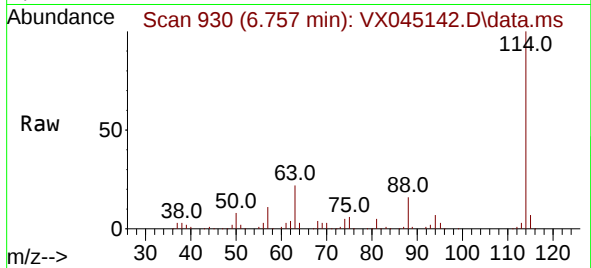




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

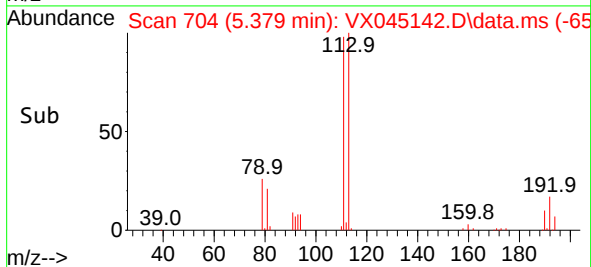
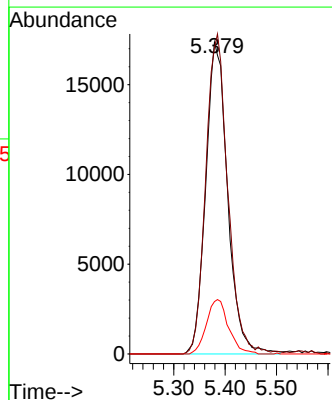
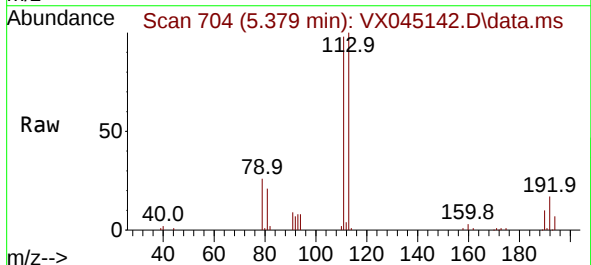
Instrument :
MSVOA_X
ClientSampleId :
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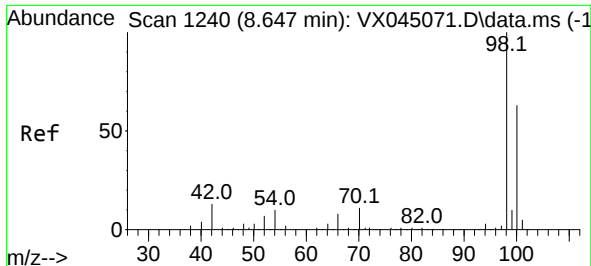
Tgt Ion:114 Resp: 151112
Ion Ratio Lower Upper
114 100
63 21.6 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.827 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion:113 Resp: 51358
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 17.5 14.3 21.5

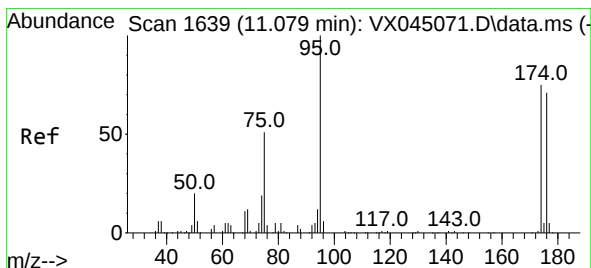
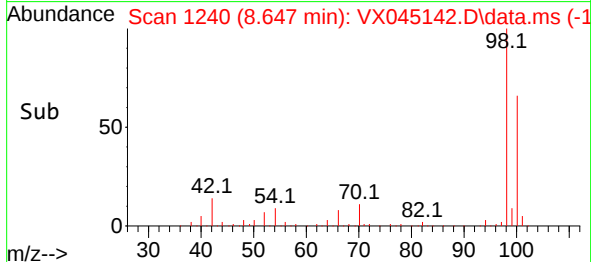
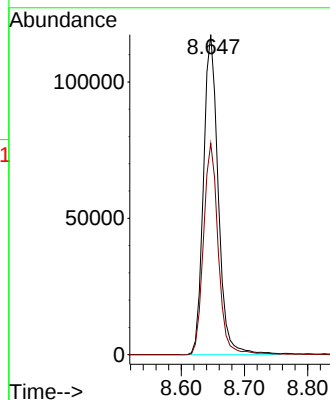
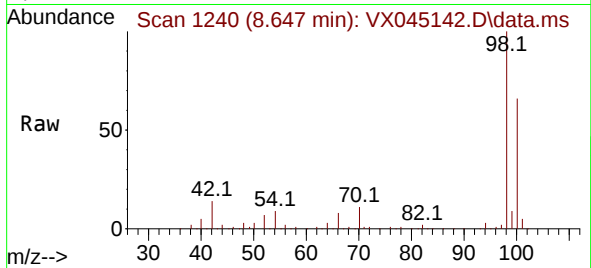




#50
Toluene-d8
Concen: 52.127 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

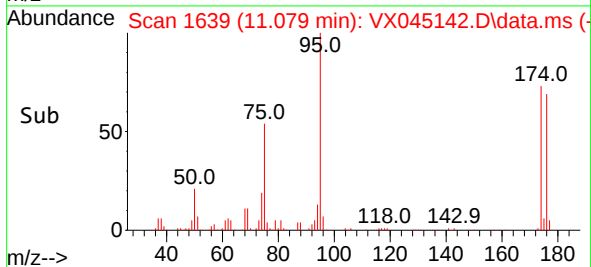
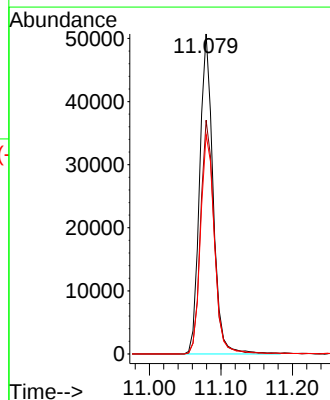
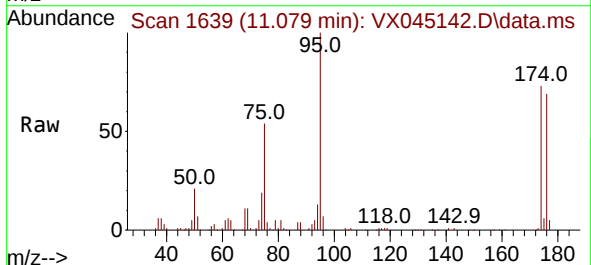
Instrument :
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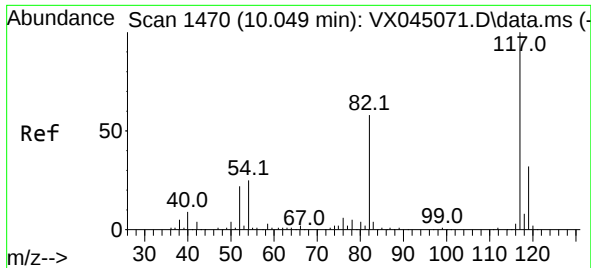
Tgt Ion: 98 Resp: 190954
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion: 95 Resp: 66039
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.2
176 71.4 0.0 141.4

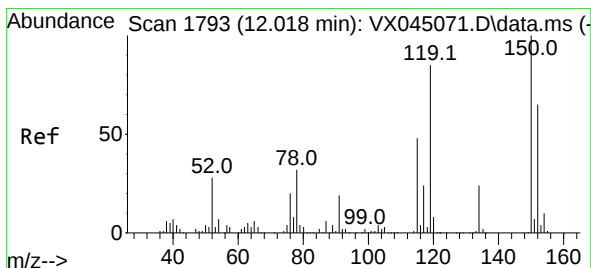
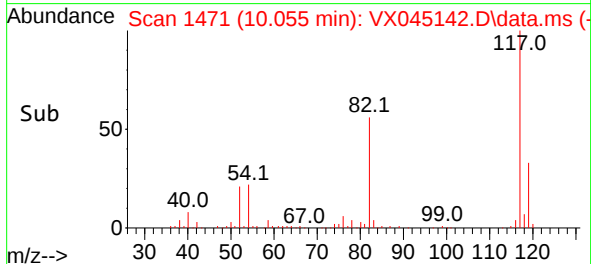
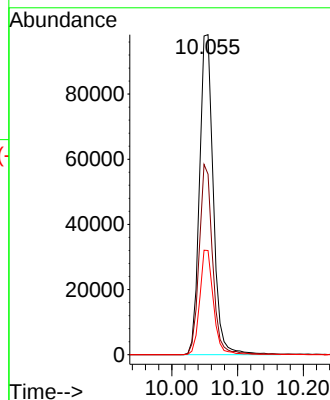
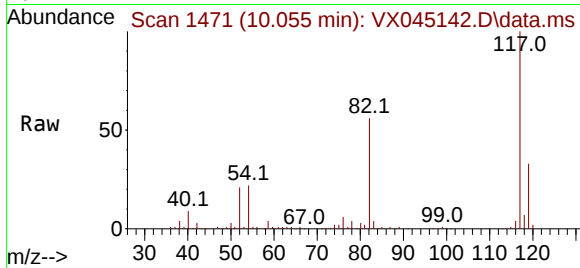




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 143212
Ion Ratio Lower Upper
117 100
82 56.4 46.3 69.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045142.D
Acq: 05 Mar 2025 15:09

Tgt Ion:152 Resp: 60610
Ion Ratio Lower Upper
152 100
115 62.4 44.2 132.6
150 160.4 0.0 349.0

