

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045531.D
 Acq On : 01 Apr 2025 19:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 02 03:13:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	58322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	111067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	100641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54625	51.216	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.440%
35) Dibromofluoromethane	5.385	113	40290	51.128	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	8.646	98	138308	50.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	51304	51.208	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.420%

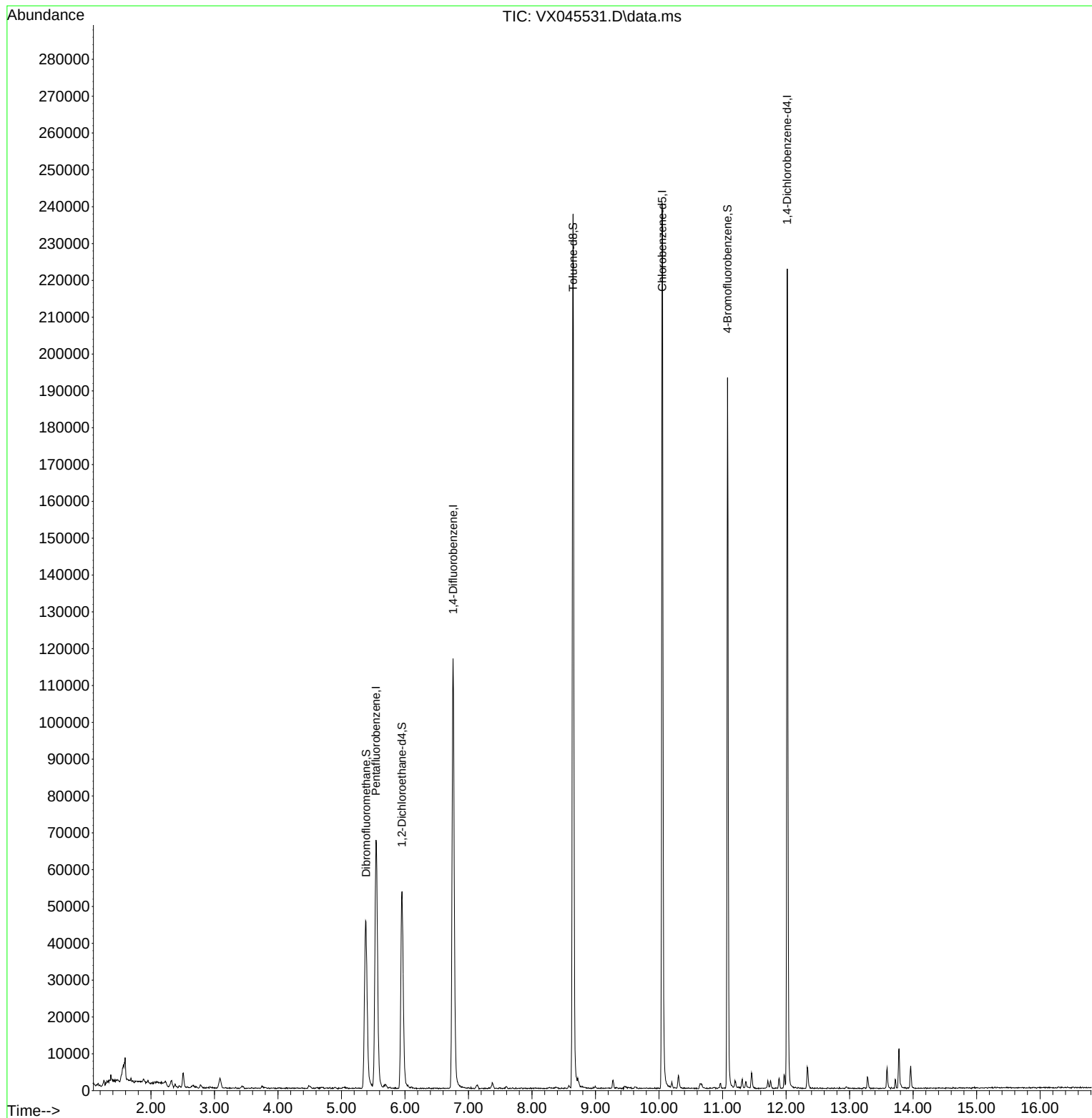
Target Compounds	Qvalue

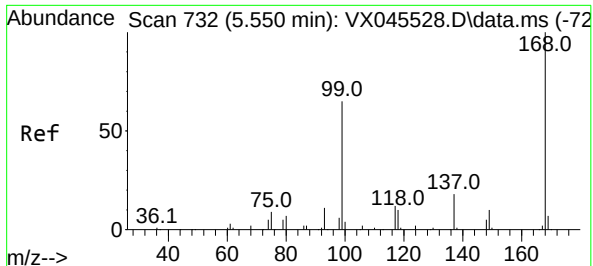
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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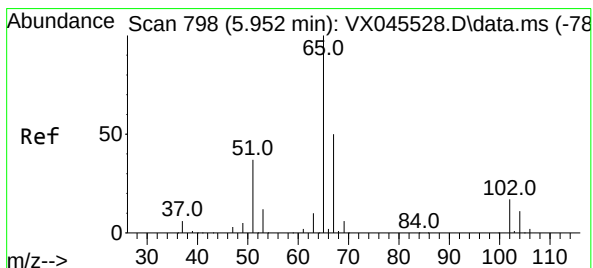
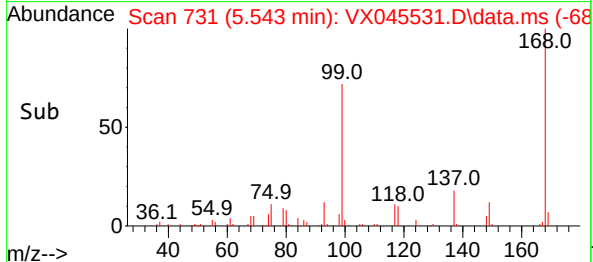
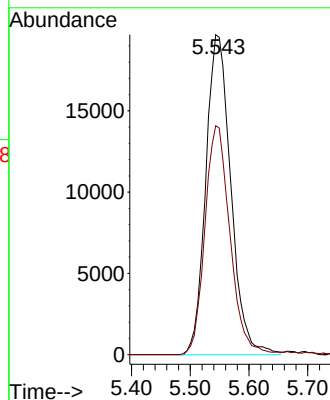
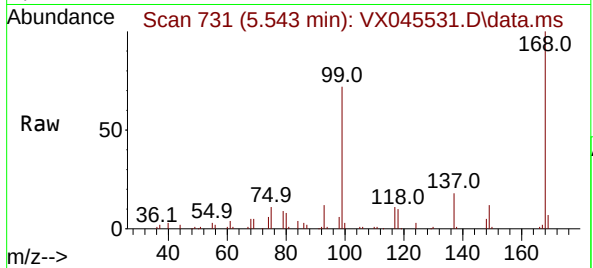




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

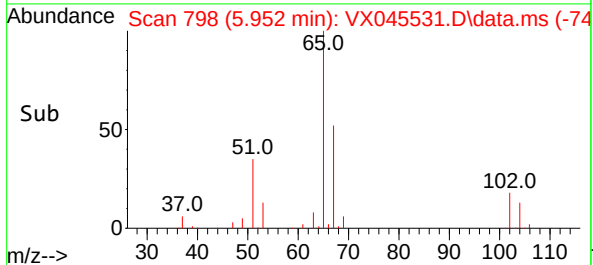
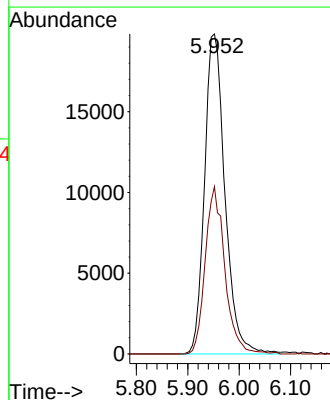
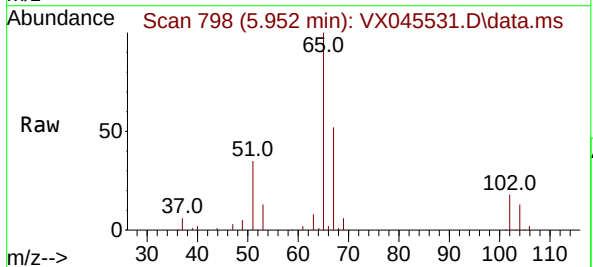
Instrument :
MSVOA_X
ClientSampleId :
IBLK

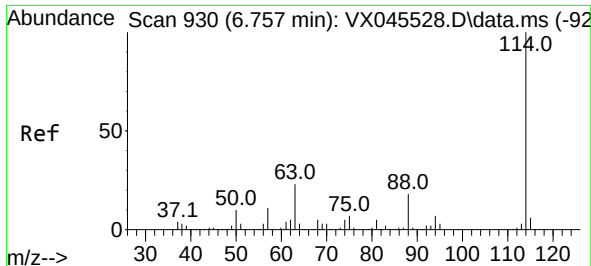
Tgt Ion:168 Resp: 58322
Ion Ratio Lower Upper
168 100
99 71.6 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

Tgt Ion: 65 Resp: 54625
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.0

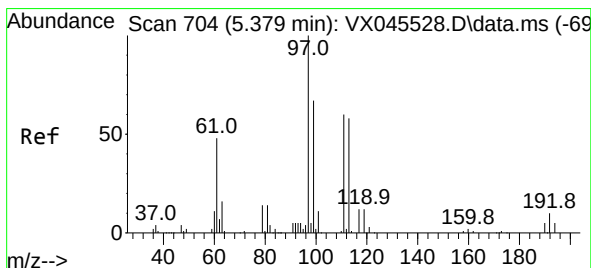
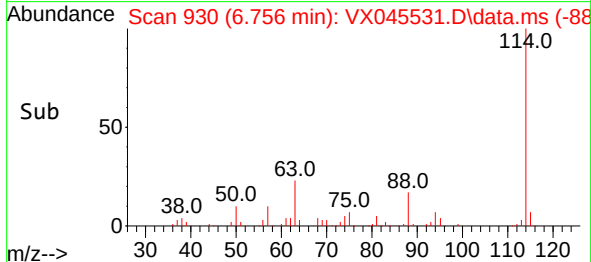
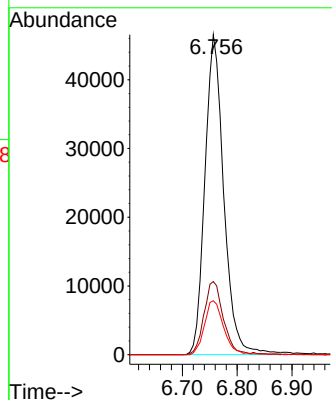
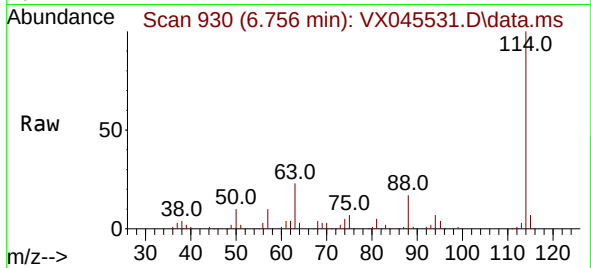




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.756 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045531.D
 Acq: 01 Apr 2025 19:25

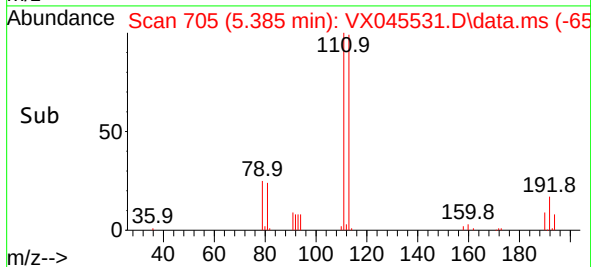
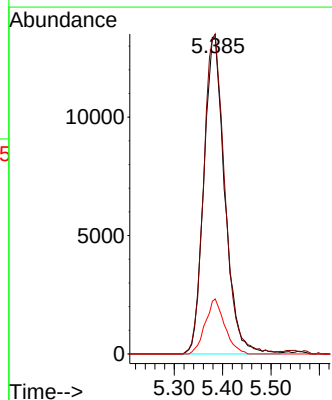
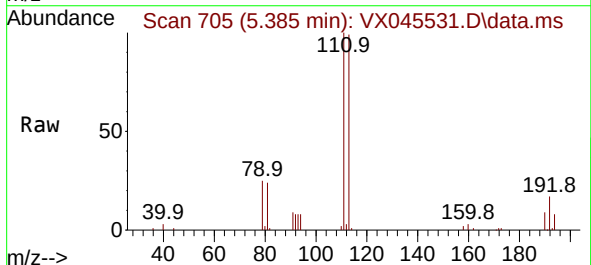
Instrument :
 MSVOA_X
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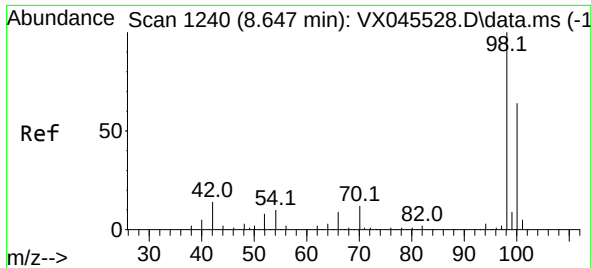
Tgt Ion:114 Resp: 111067
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.8
 88 16.9 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 51.128 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX045531.D
 Acq: 01 Apr 2025 19:25

Tgt Ion:113 Resp: 40290
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.6
 192 16.1 13.8 20.6

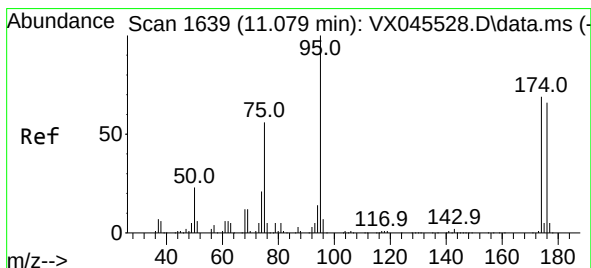
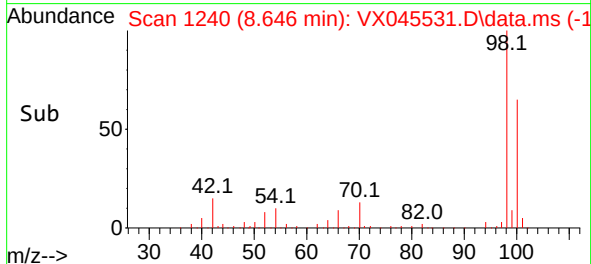
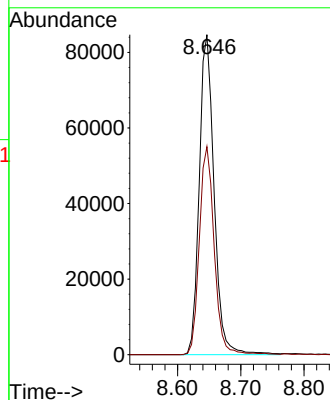
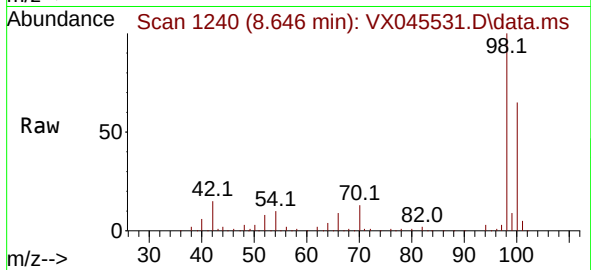




#50
Toluene-d8
Concen: 50.285 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

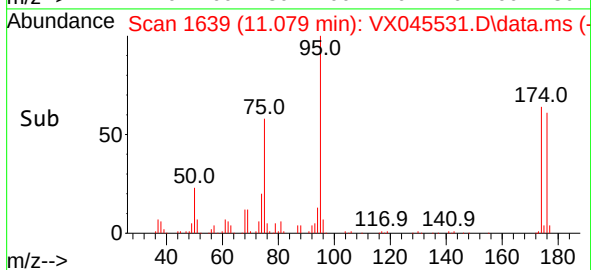
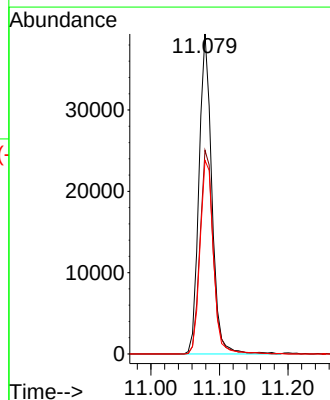
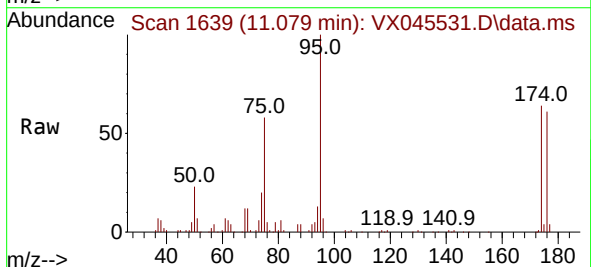
Instrument :
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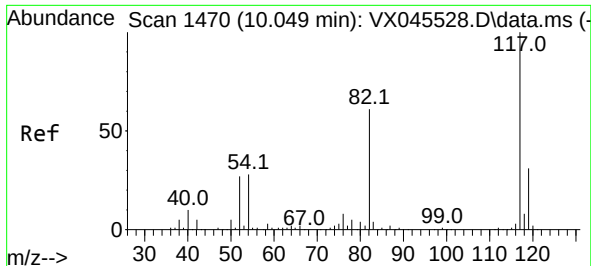
Tgt Ion: 98 Resp: 138308
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

Tgt Ion: 95 Resp: 51304
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.8
176 63.3 0.0 131.4

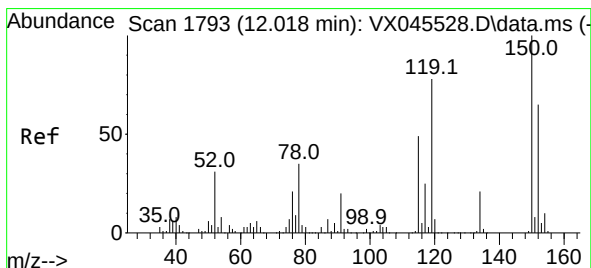
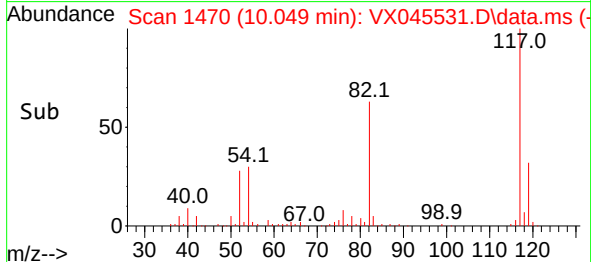
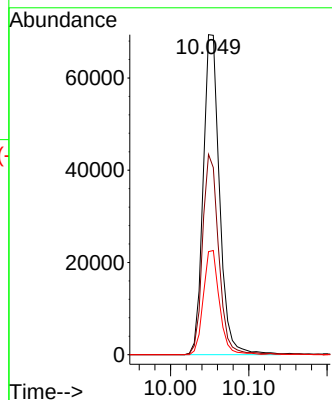
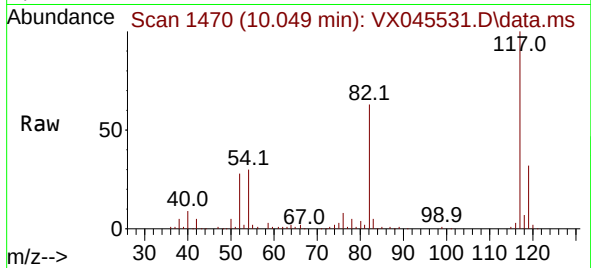




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 100641
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045531.D
Acq: 01 Apr 2025 19:25

Tgt Ion:152 Resp: 39584
Ion Ratio Lower Upper
152 100
115 66.7 46.9 140.7
150 160.2 0.0 349.4

