

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045091.D
 Acq On : 28 Feb 2025 16:07
 Operator : JC/MD
 Sample : Q1469-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Feb 28 23:09:35 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	5.550	168	71717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53203	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58365	51.163	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.320%
35) Dibromofluoromethane	5.379	113	47726	50.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	176905	51.665	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.340%
62) 4-Bromofluorobenzene	11.079	95	58070	51.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.360%

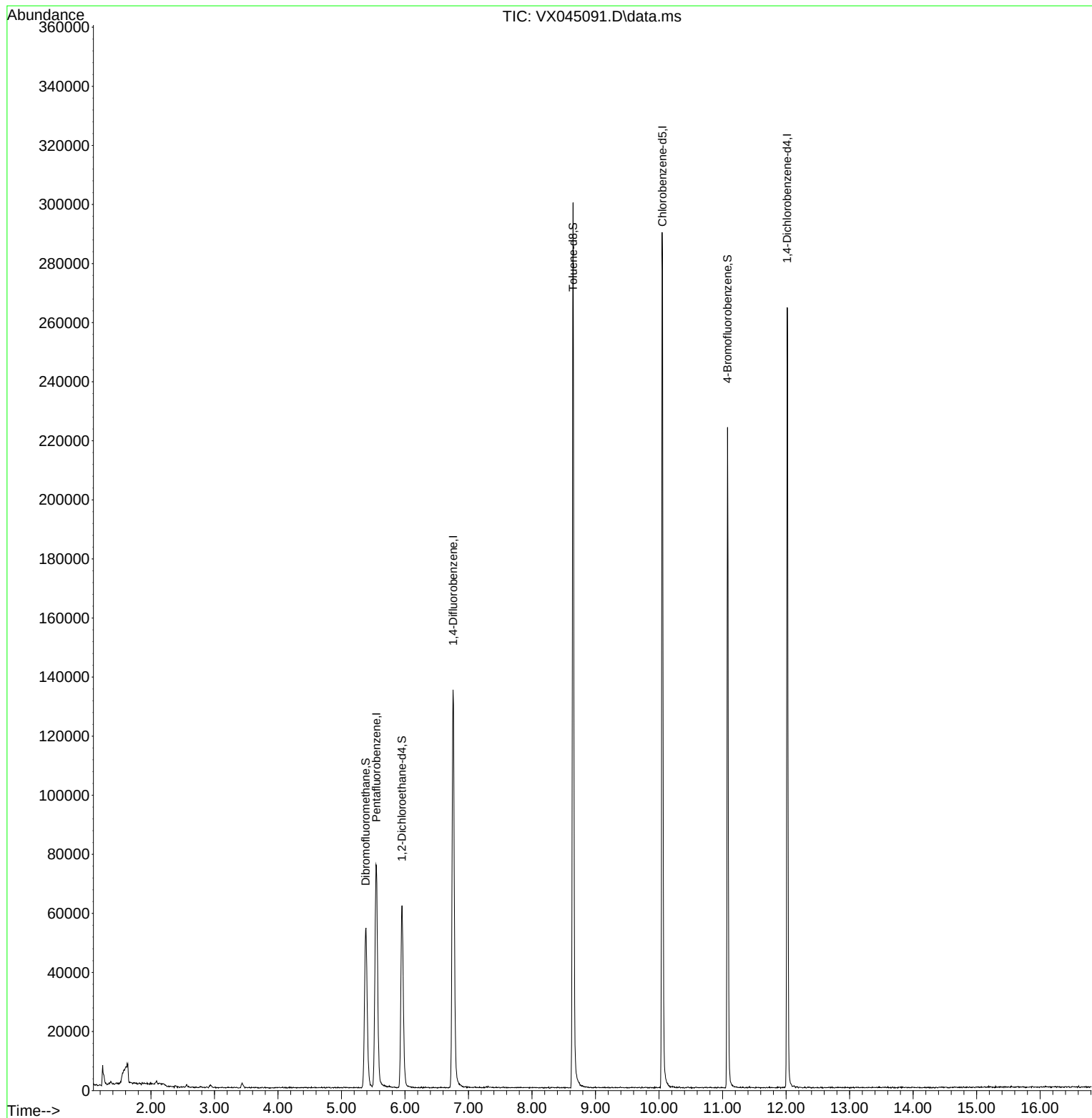
Target Compounds	Qvalue

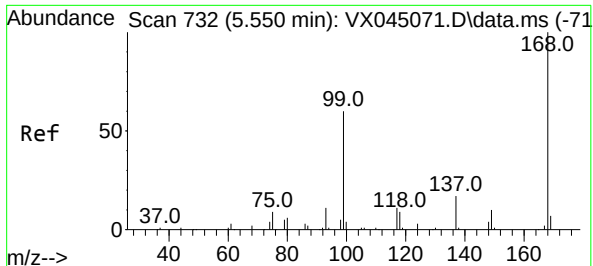
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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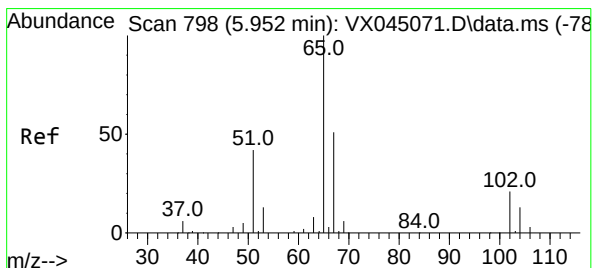
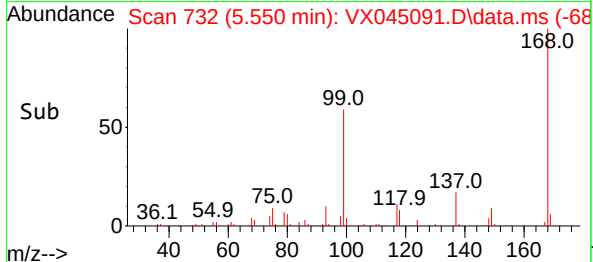
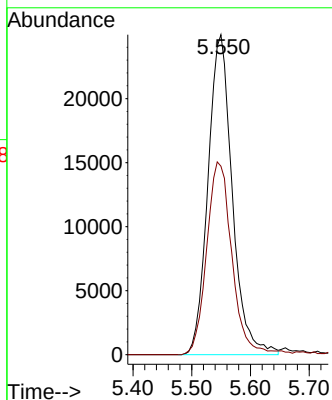
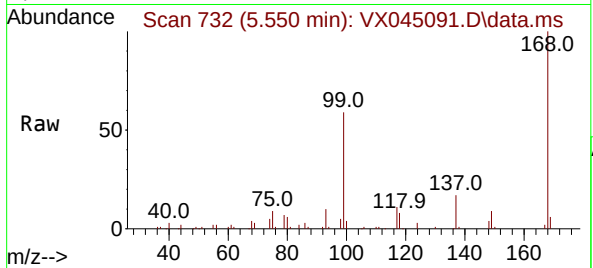




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

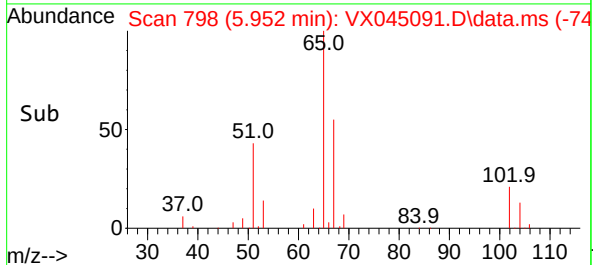
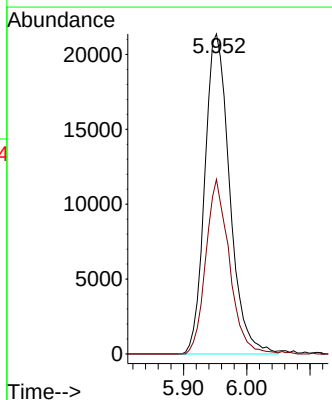
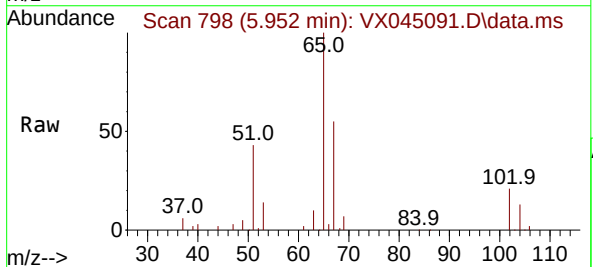
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

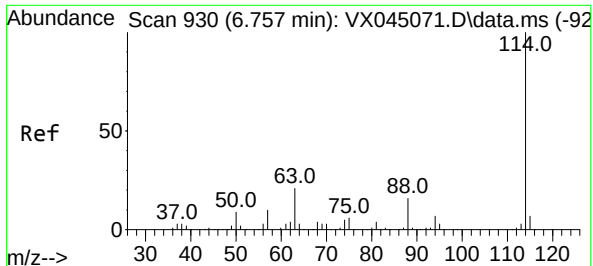
Tgt Ion:168 Resp: 71717
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 51.163 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 65 Resp: 58365
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.2

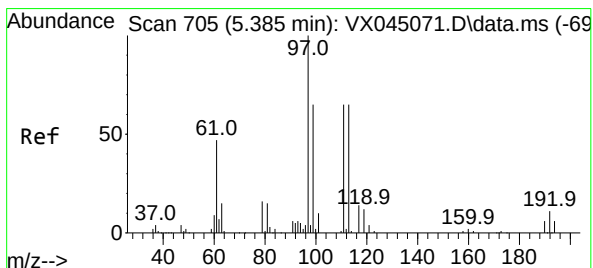
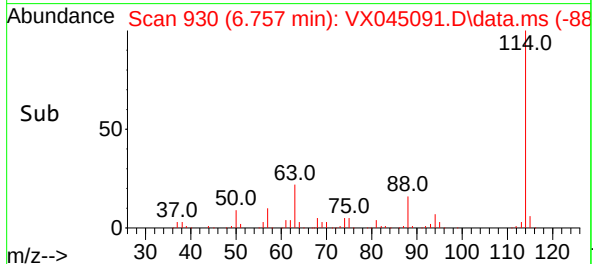
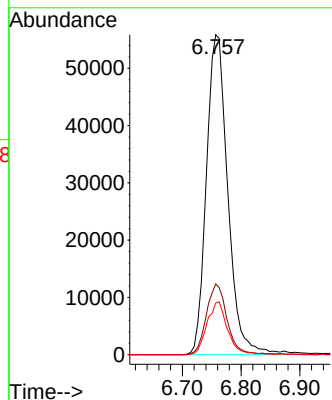
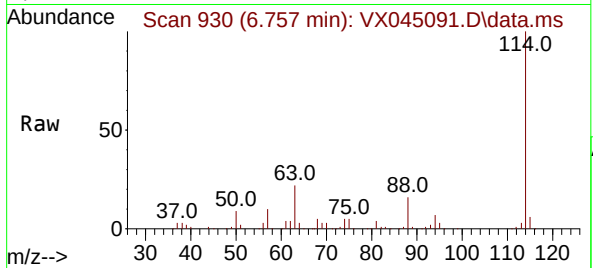




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

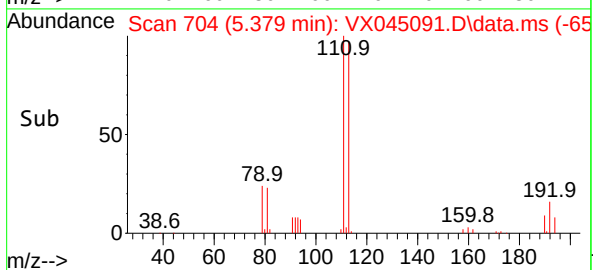
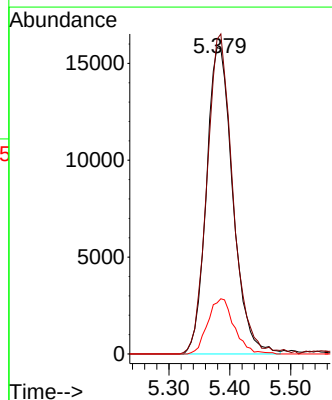
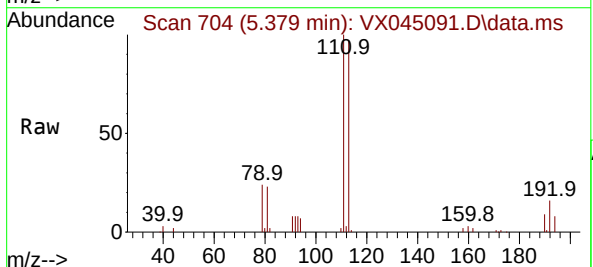
Instrument :
MSVOA_X
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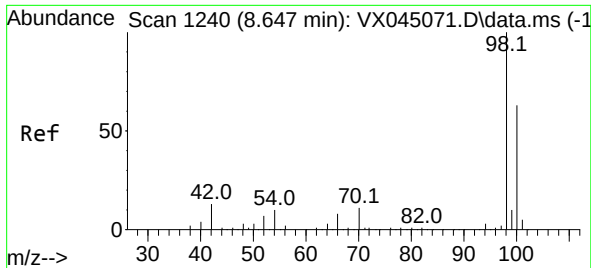
Tgt Ion:114 Resp: 141247
Ion Ratio Lower Upper
114 100
63 22.1 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.531 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion:113 Resp: 47726
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.9 14.3 21.5

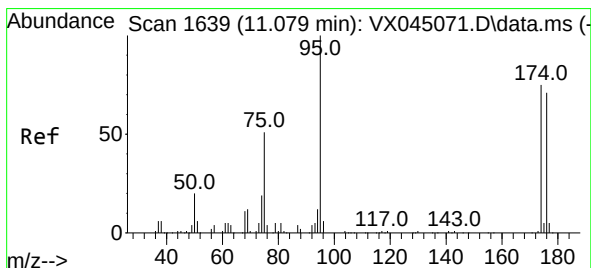
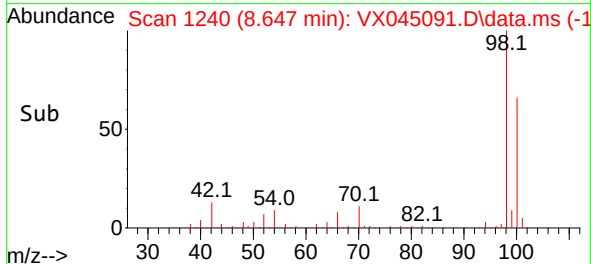
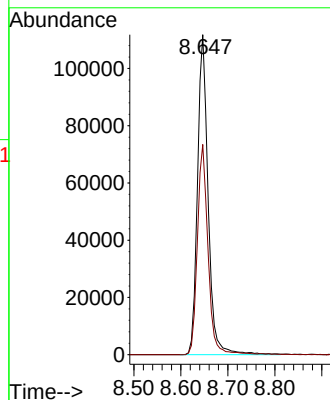
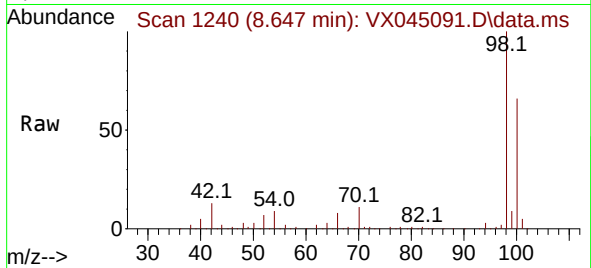




#50
Toluene-d8
Concen: 51.665 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

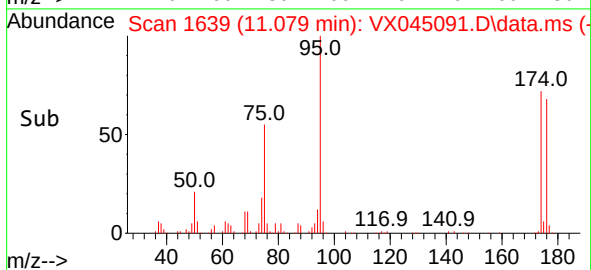
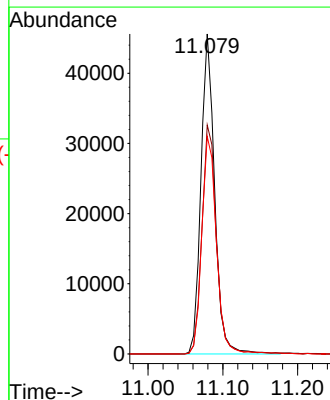
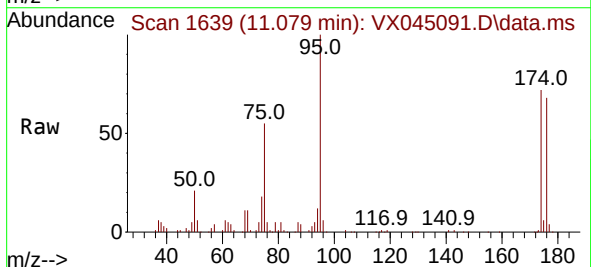
Instrument :
MSVOA_X
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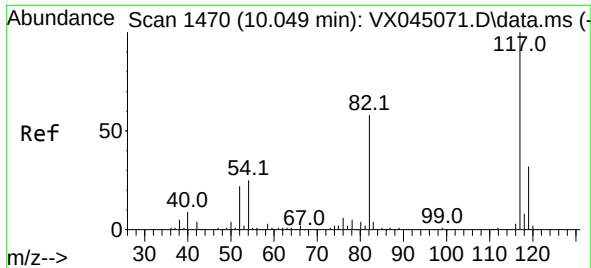
Tgt Ion: 98 Resp: 176905
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion: 95 Resp: 58070
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.2
176 73.0 0.0 141.4

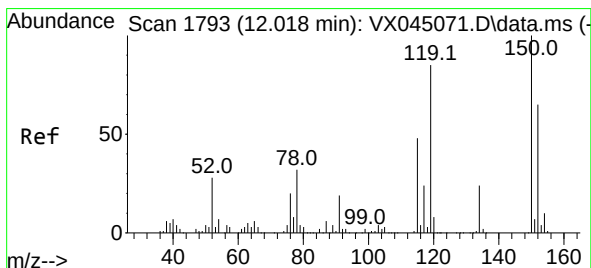
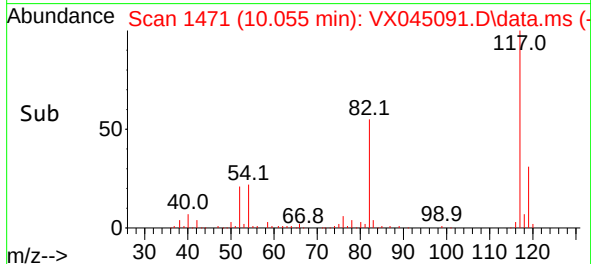
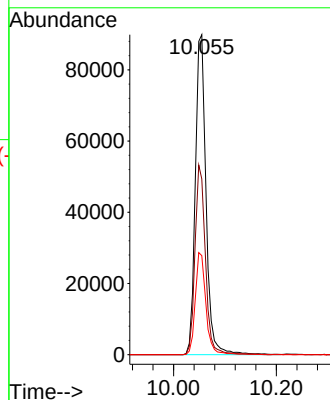
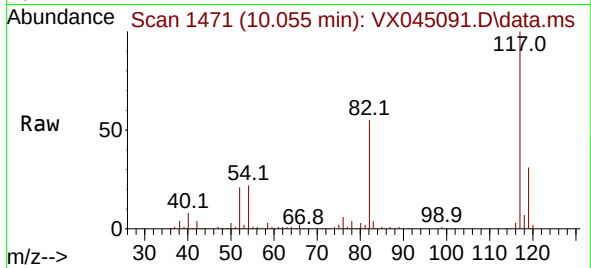




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045091.D
Acq: 28 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 130502
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 31.0 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: VX045091.D
Acq: 28 Feb 2025 16:07

Tgt Ion:152 Resp: 53203
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 156.4 0.0 349.0

