

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045263.D
 Acq On : 13 Mar 2025 12:50
 Operator : JC/MD
 Sample : Q1526-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 14 12:27:51 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	70415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60076	53.637	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.280%
35) Dibromofluoromethane	5.379	113	47758	52.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	8.647	98	170597	51.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.620%
62) 4-Bromofluorobenzene	11.079	95	57062	52.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.580%

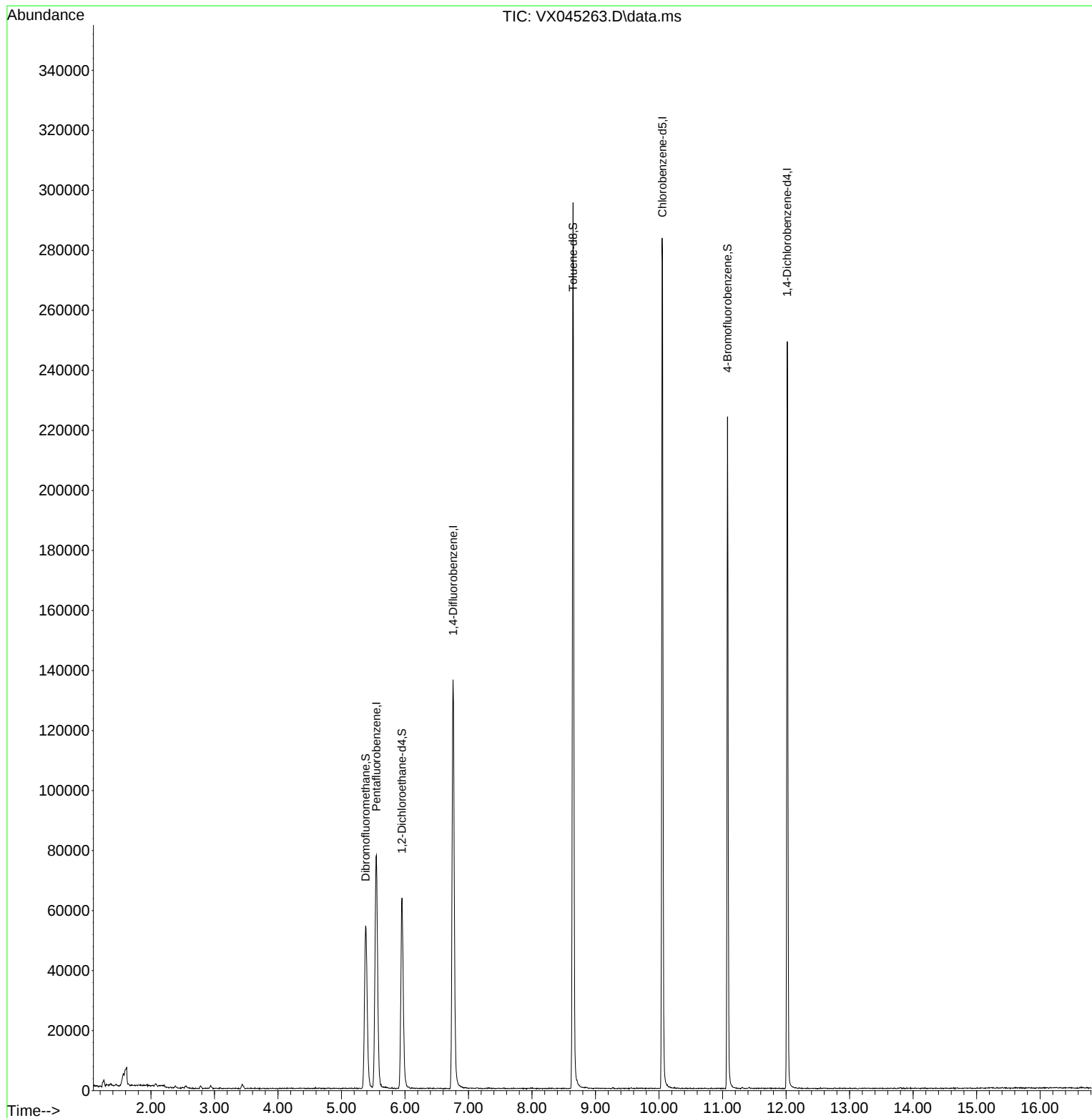
Target Compounds	Qvalue

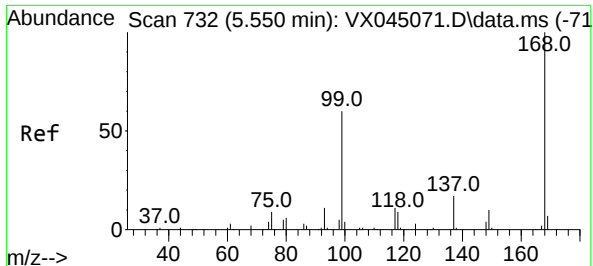
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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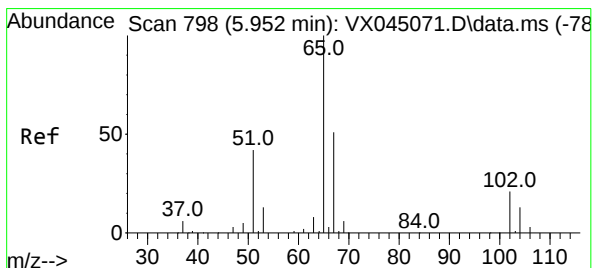
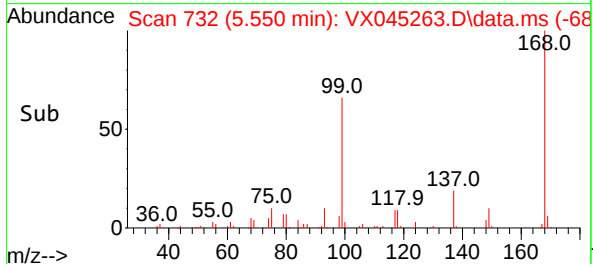
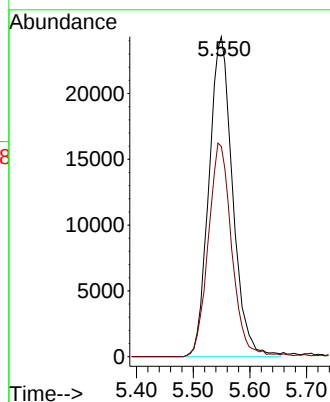
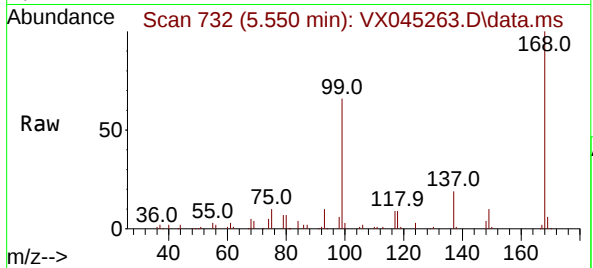




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

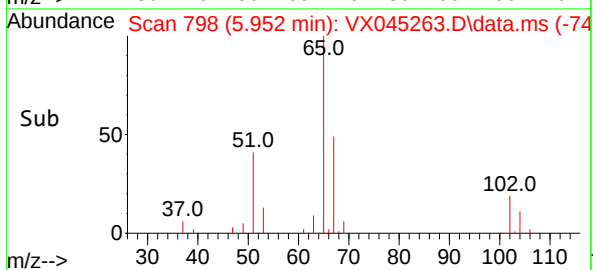
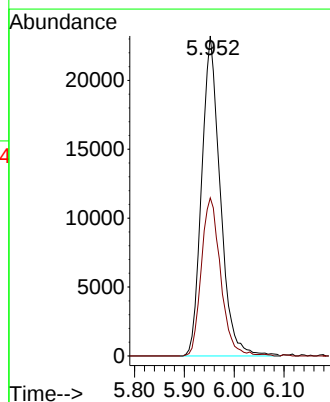
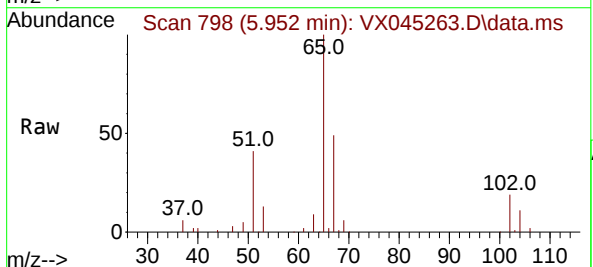
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

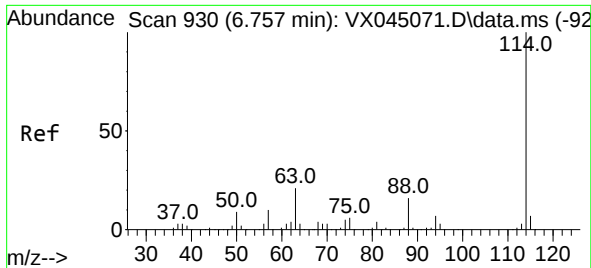
Tgt Ion:168 Resp: 70415
Ion Ratio Lower Upper
168 100
99 65.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.637 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 65 Resp: 60076
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.2

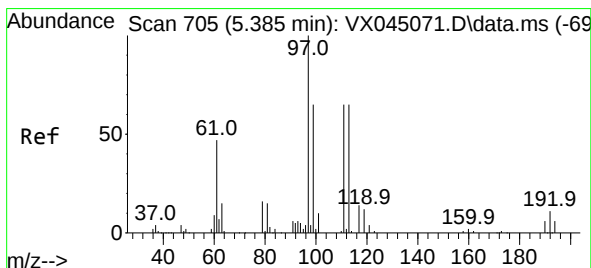
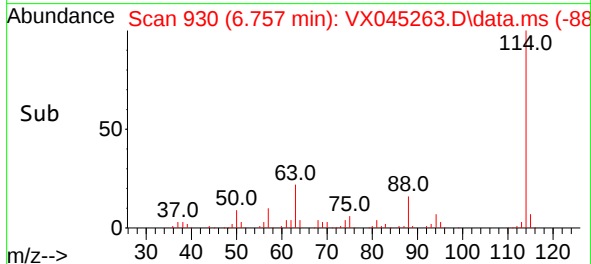
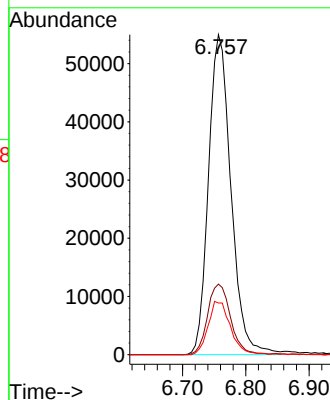
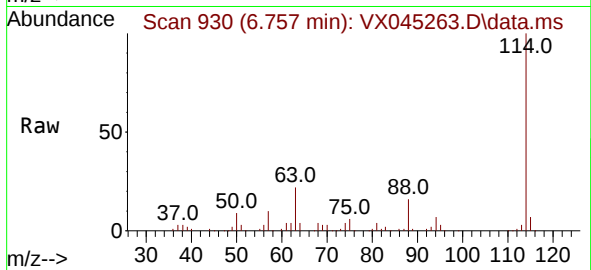




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

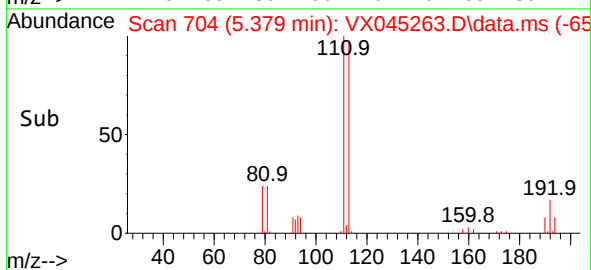
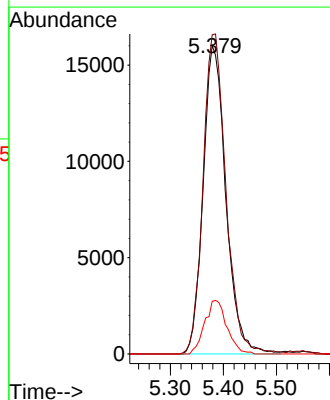
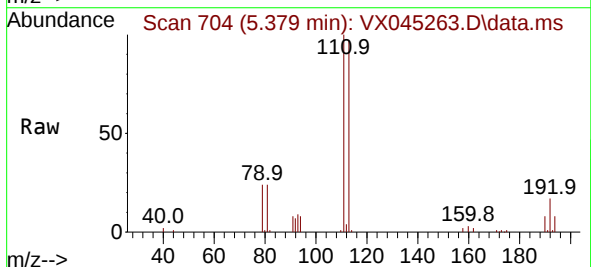
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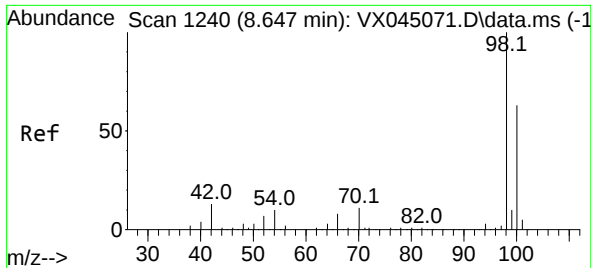
Tgt Ion:114 Resp: 135839
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.578 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion:113 Resp: 47758
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 16.9 14.3 21.5

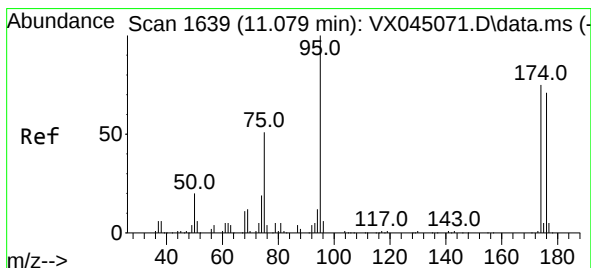
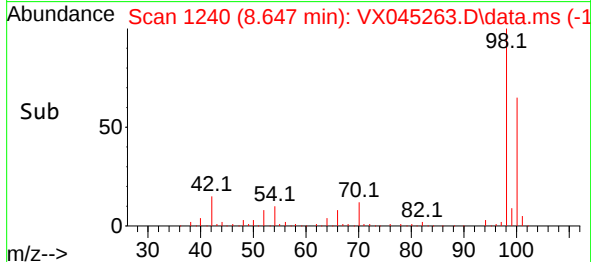
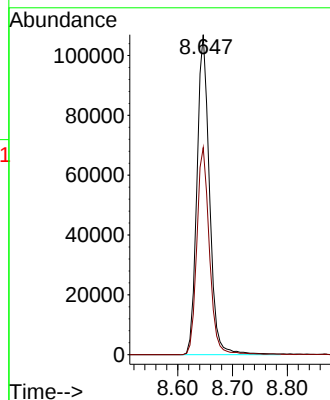
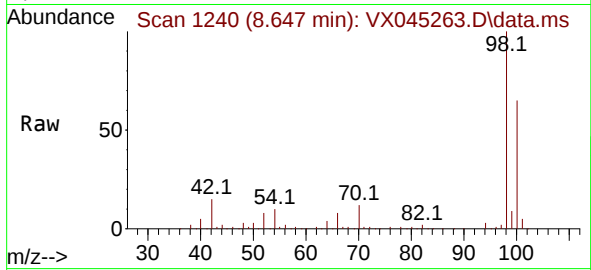




#50
Toluene-d8
Concen: 51.806 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

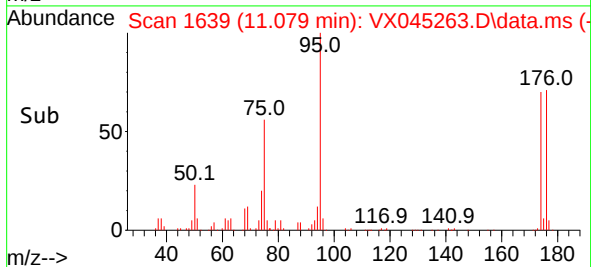
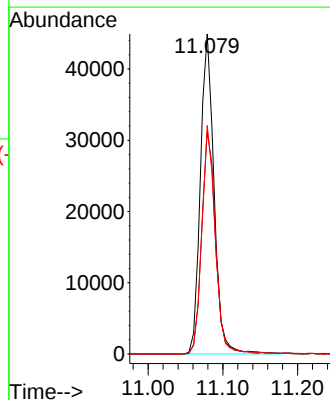
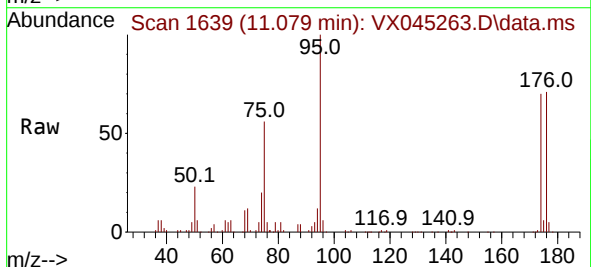
Instrument :
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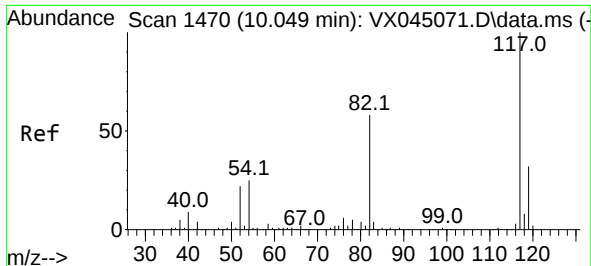
Tgt Ion: 98 Resp: 170597
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.293 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion: 95 Resp: 57062
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.2
176 70.0 0.0 141.4

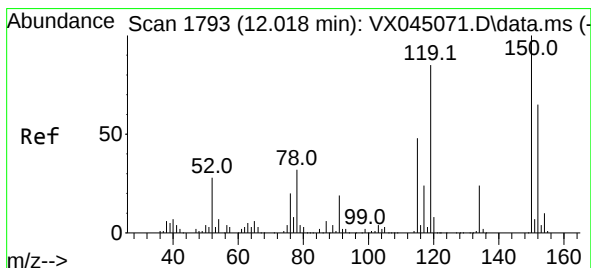
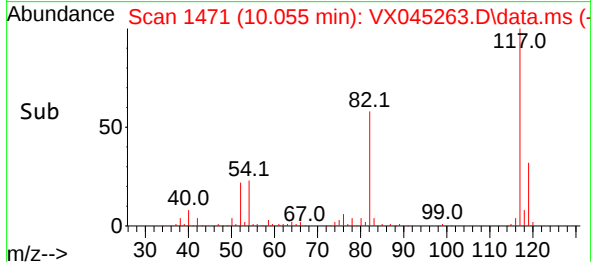
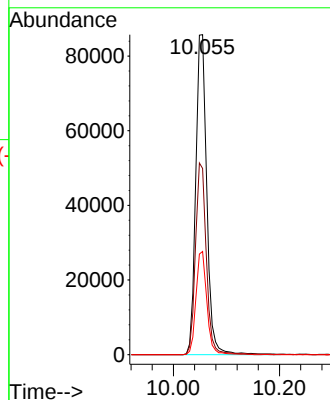
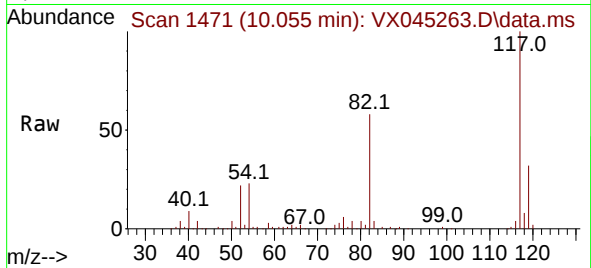




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045263.D
Acq: 13 Mar 2025 12:50

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

Tgt Ion:117 Resp: 124026
Ion Ratio Lower Upper
117 100
82 58.2 46.3 69.5
119 32.2 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: VX045263.D
Acq: 13 Mar 2025 12:50

Tgt Ion:152 Resp: 48467
Ion Ratio Lower Upper
152 100
115 62.7 44.2 132.6
150 155.2 0.0 349.0

