

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
 Data File : VD078517.D
 Acq On : 22 Feb 2024 15:06
 Operator : RP/MD
 Sample : P1538-04
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241099-COMPOSITE-35N-N-4-04

Quant Time: Feb 23 01:04:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

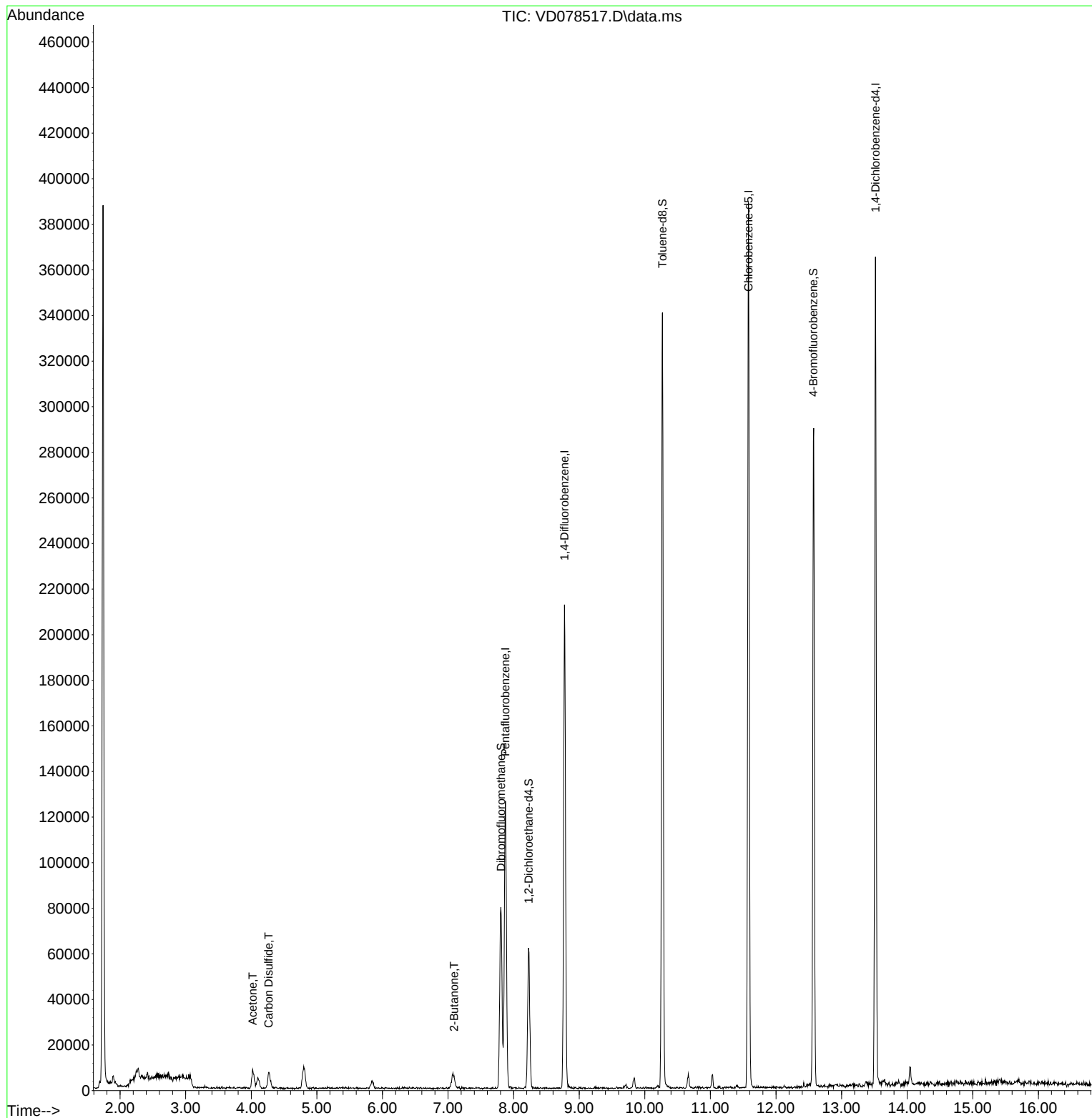
Internal Standards						
1) Pentafluorobenzene	7.875	168	97440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	191093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47132	44.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.480%
35) Dibromofluoromethane	7.811	113	60762	50.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.269	98	246163	50.695	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.400%
62) 4-Bromofluorobenzene	12.569	95	87889	62.198	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.400%
Target Compounds						
					Qvalue	
16) Acetone	4.023	43	13771	47.656	ug/l #	79
17) Carbon Disulfide	4.264	76	13787	3.857	ug/l	100
25) 2-Butanone	7.093	43	4808	2.467	ug/l #	65

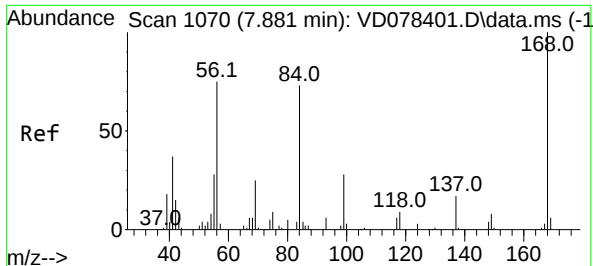
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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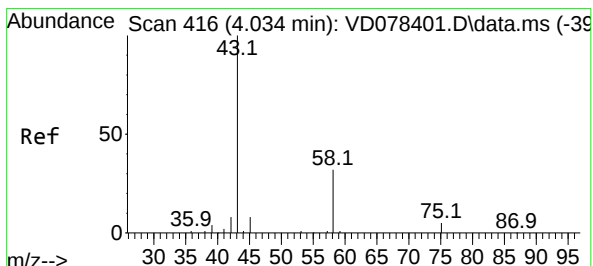
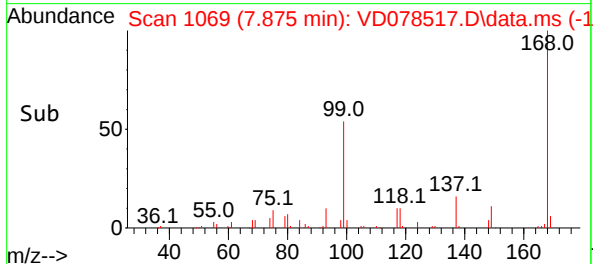
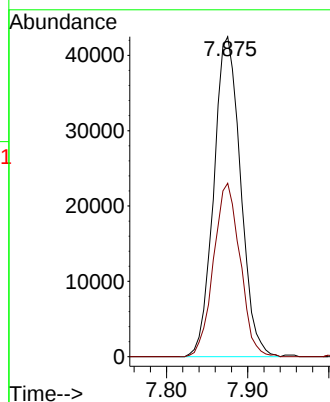
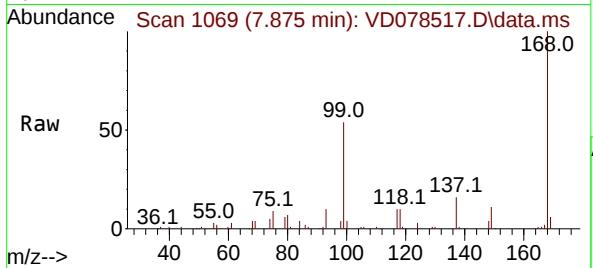




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

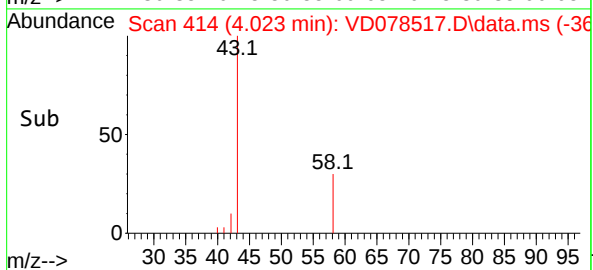
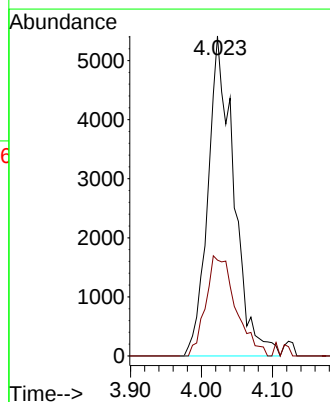
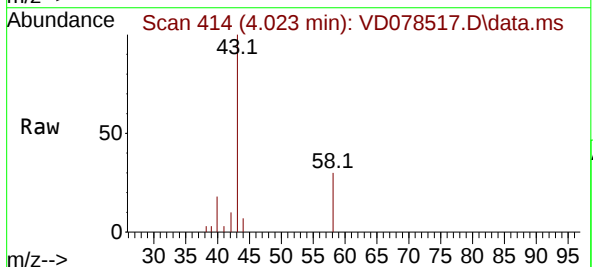
Instrument :
MSVOA_D
ClientSampleId :
20241099-COMPOSITE-35N-N-4-04

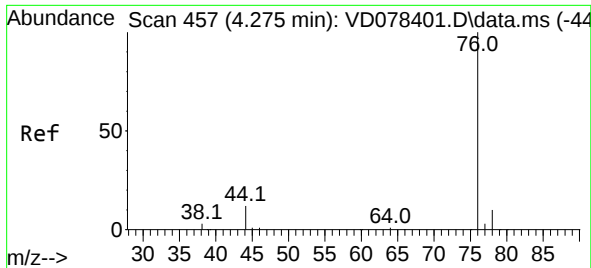
Tgt Ion:168 Resp: 97440
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#16
Acetone
Concen: 47.656 ug/l
RT: 4.023 min Scan# 414
Delta R.T. -0.011 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

Tgt Ion: 43 Resp: 13771
Ion Ratio Lower Upper
43 100
58 30.0 34.7 52.1#

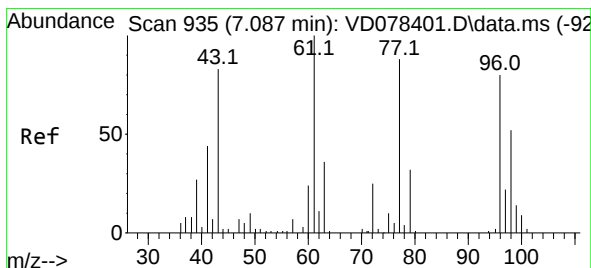
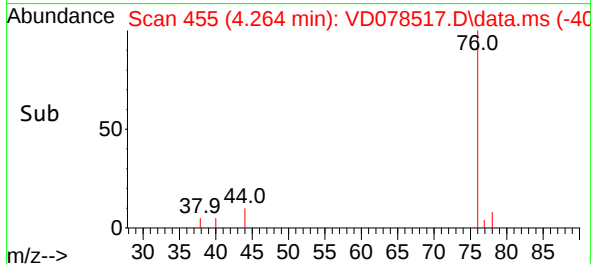
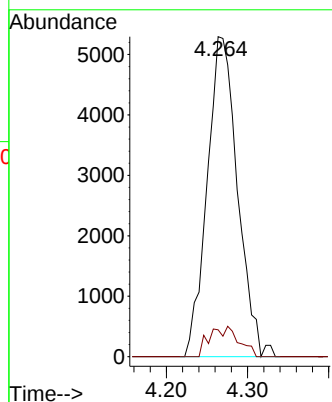
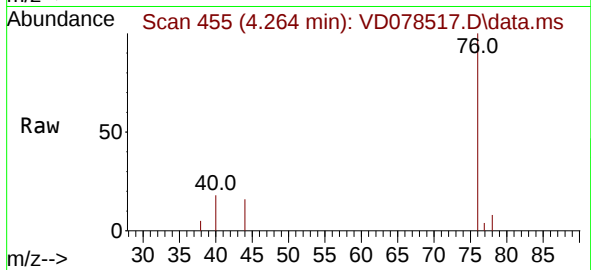




#17
Carbon Disulfide
Concen: 3.857 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

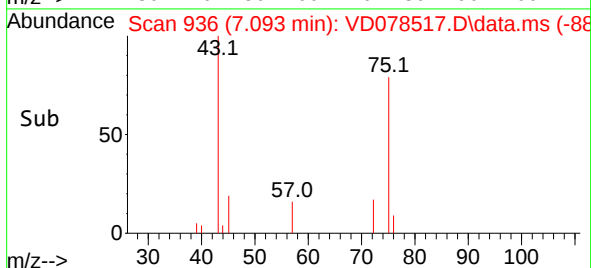
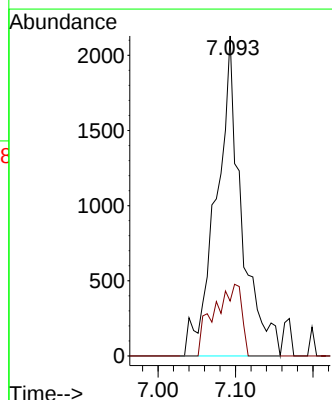
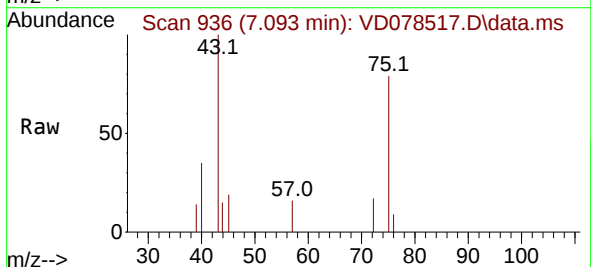
Instrument :
MSVOA_D
ClientSampleId :
20241099-COMPOSITE-35N-N-4-04

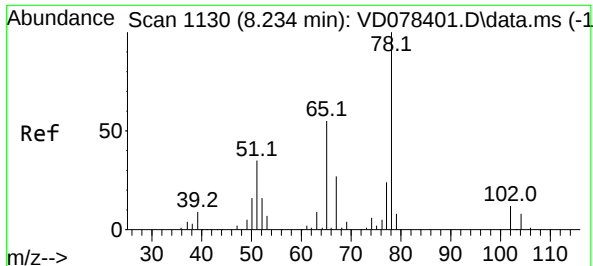
Tgt Ion: 76 Resp: 13787
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#25
2-Butanone
Concen: 2.467 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
72 17.1 30.7 46.1#

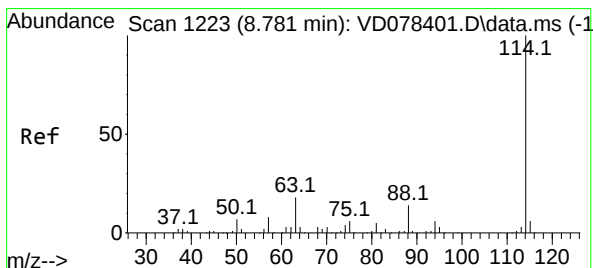
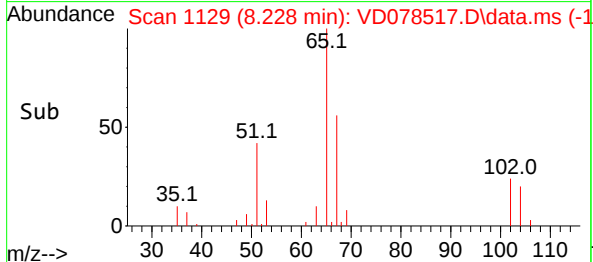
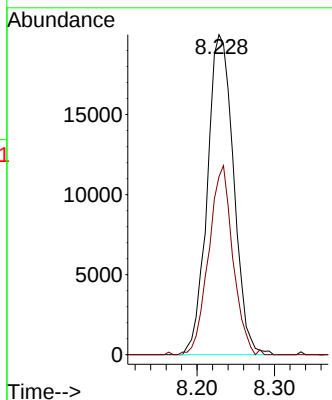
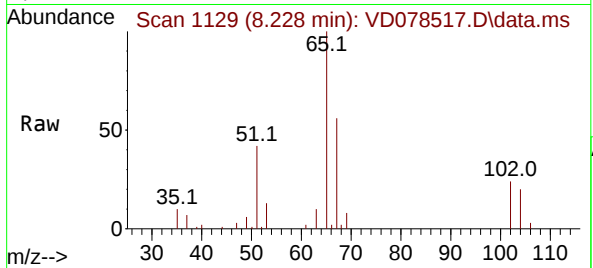




#33
 1,2-Dichloroethane-d4
 Concen: 44.736 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078517.D
 Acq: 22 Feb 2024 15:06

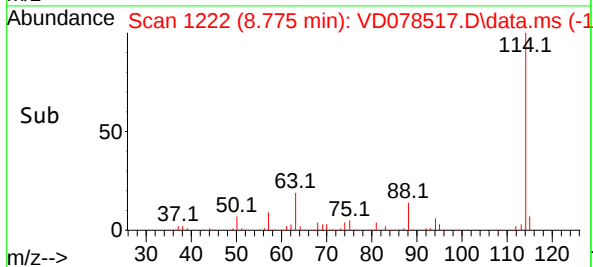
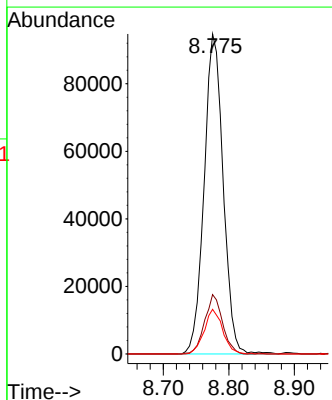
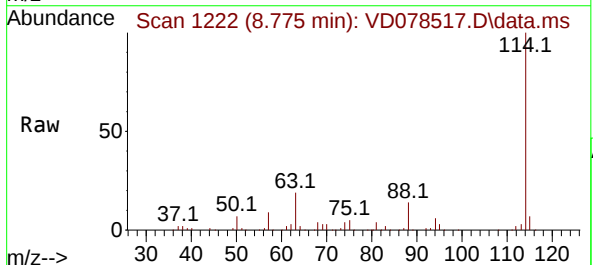
Instrument : MSVOA_D
 ClientSampleId : 20241099-COMPOSITE-35N-N-4-04

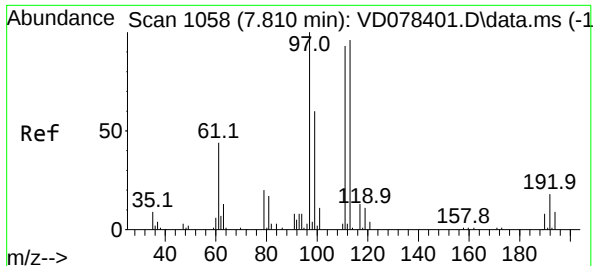
Tgt Ion: 65 Resp: 47132
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078517.D
 Acq: 22 Feb 2024 15:06

Tgt Ion: 114 Resp: 191093
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 33.4
 88 14.0 0.0 26.2

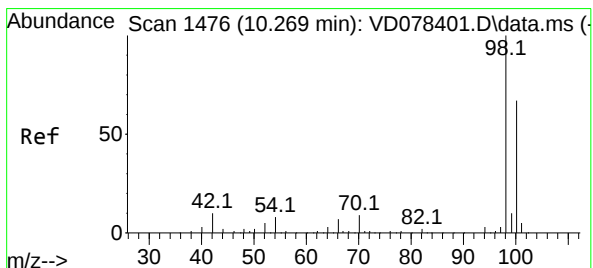
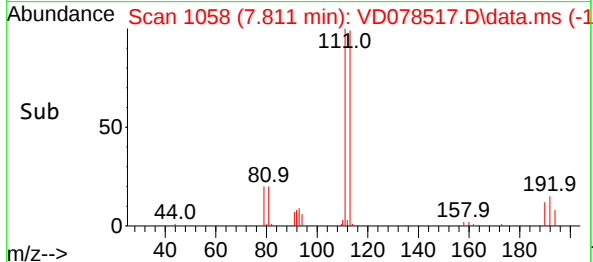
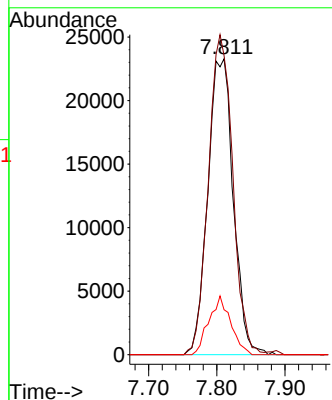
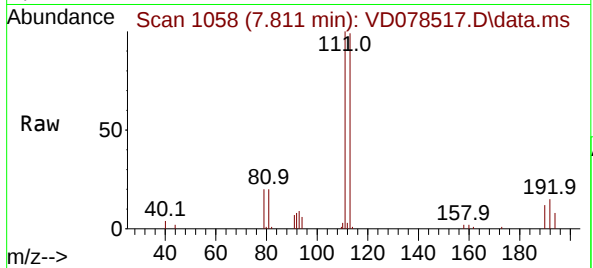




#35
Dibromofluoromethane
Concen: 50.057 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

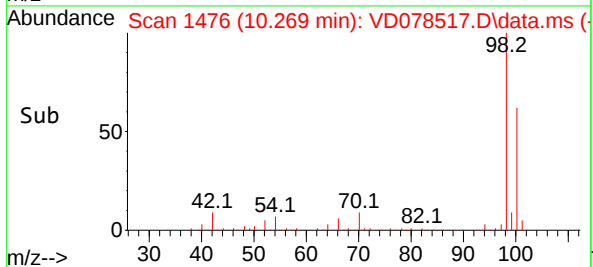
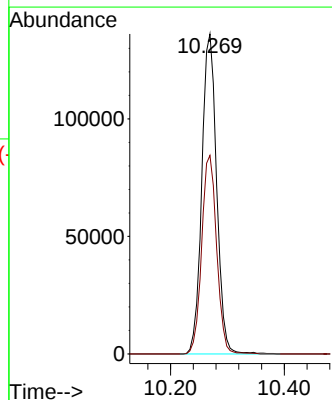
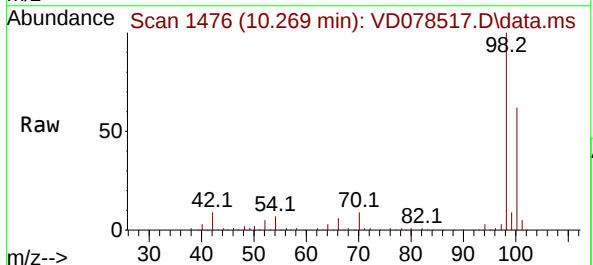
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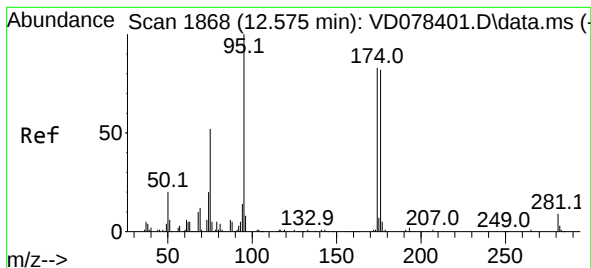
Tgt Ion:113 Resp: 60762
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 16.9 16.8 25.2



#50
Toluene-d8
Concen: 50.695 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

Tgt Ion: 98 Resp: 246163
Ion Ratio Lower Upper
98 100
100 62.7 50.3 75.5

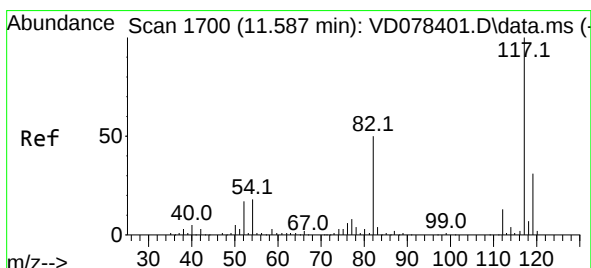
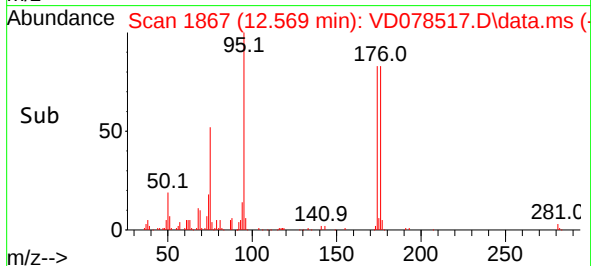
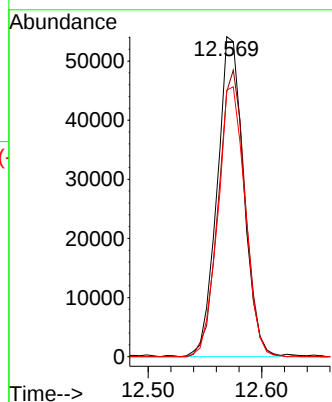
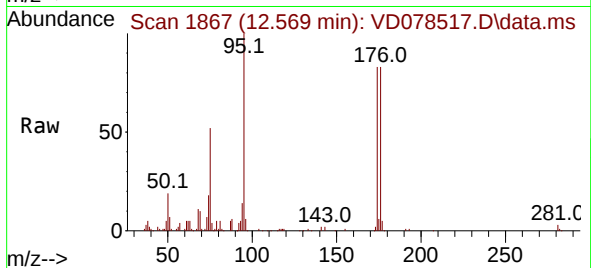




#62
4-Bromofluorobenzene
Concen: 62.198 ug/l
RT: 12.569 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

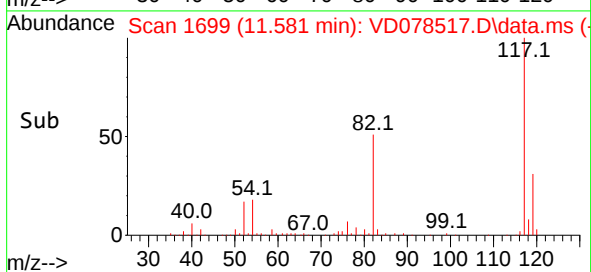
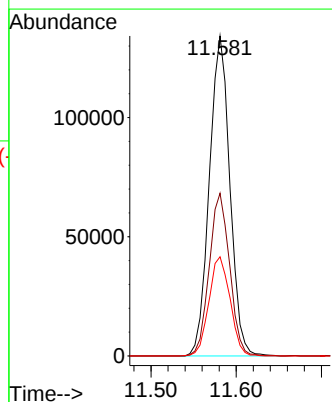
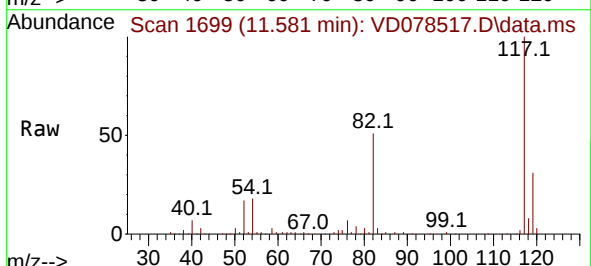
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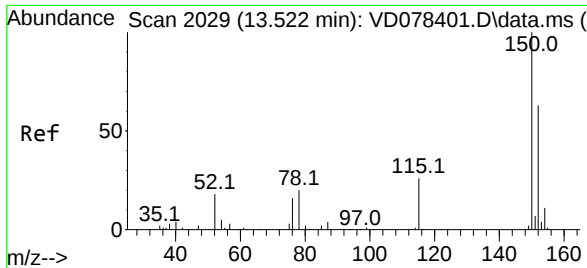
Tgt Ion: 95 Resp: 87889
Ion Ratio Lower Upper
95 100
174 90.6 0.0 201.8
176 86.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078517.D
Acq: 22 Feb 2024 15:06

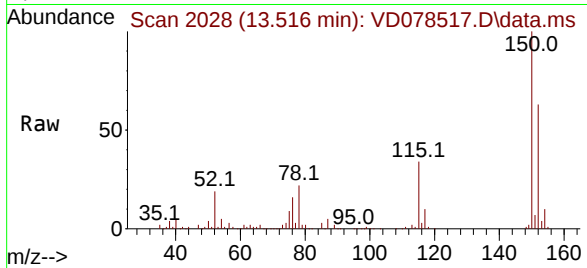
Tgt Ion: 117 Resp: 224689
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.0 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078517.D
 Acq: 22 Feb 2024 15:06

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:152 Resp: 94412
 Ion Ratio Lower Upper
 152 100
 115 58.7 27.1 81.3
 150 160.2 0.0 353.6

