

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
 Data File : VD078876.D
 Acq On : 07 May 2024 13:21
 Operator : RP/MD
 Sample : P2312-02
 Misc : 5.69G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-125-SB-02

Quant Time: May 08 04:21:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:11 2024
 Response via : Initial Calibration

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

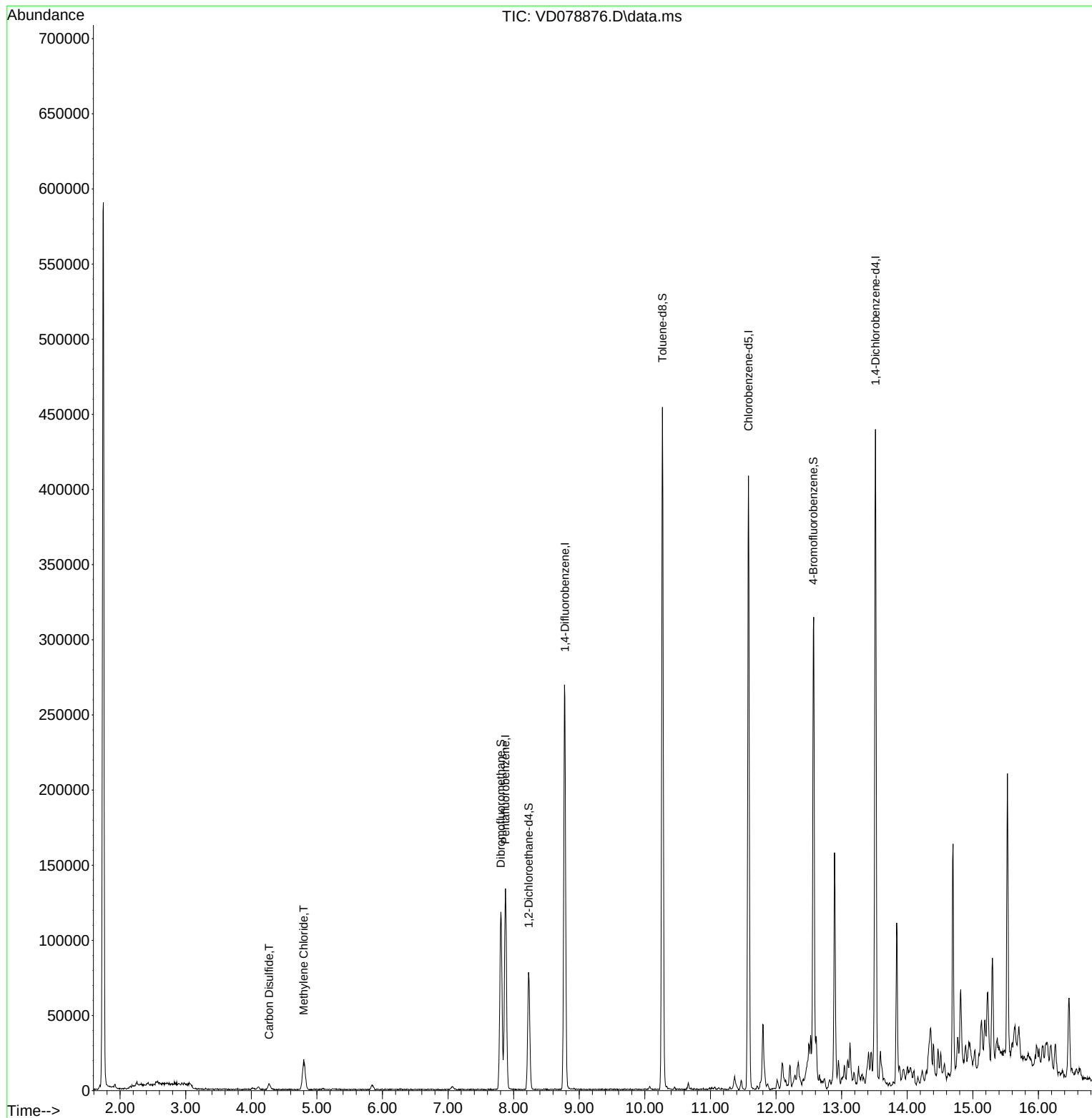
Internal Standards						
1) Pentafluorobenzene	7.875	168	106316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	251113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60641	51.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.780%
35) Dibromofluoromethane	7.804	113	84597	45.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.760%
50) Toluene-d8	10.269	98	317034	44.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.569	95	96433	47.620	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.240%
Target Compounds						Qvalue
17) Carbon Disulfide	4.269	76	7808	1.878	ug/l	# 94
20) Methylene Chloride	4.799	84	16566	9.429	ug/l	91

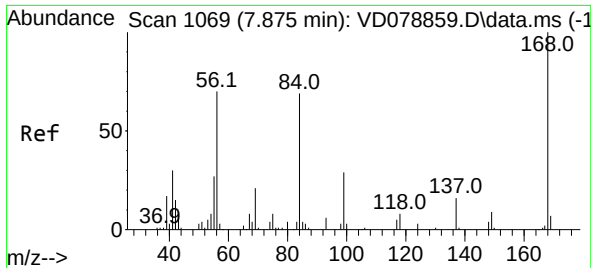
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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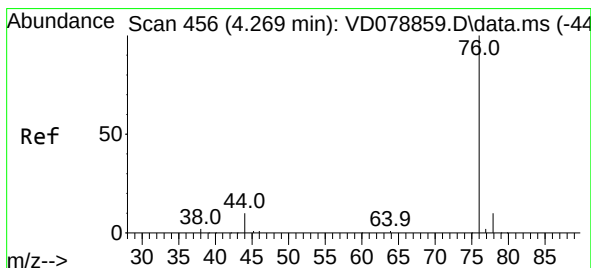
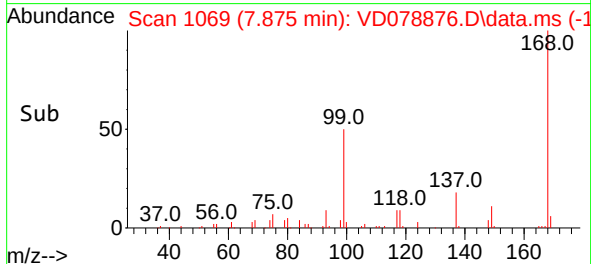
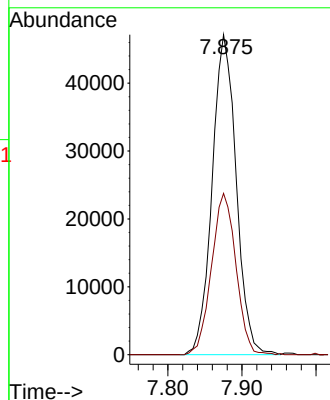
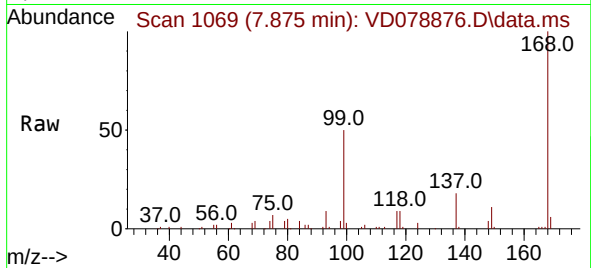




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

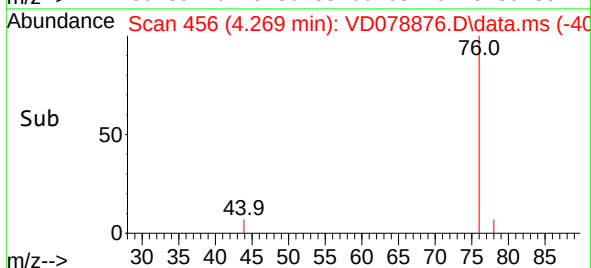
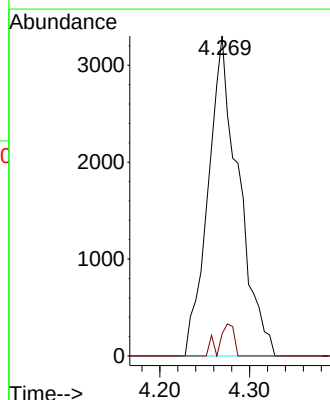
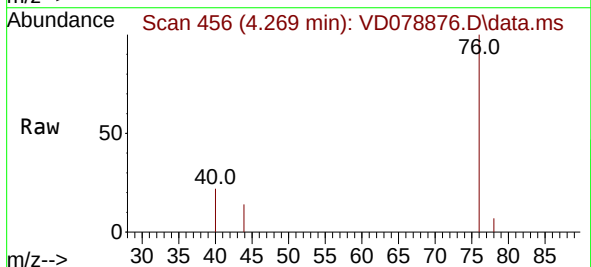
Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-02

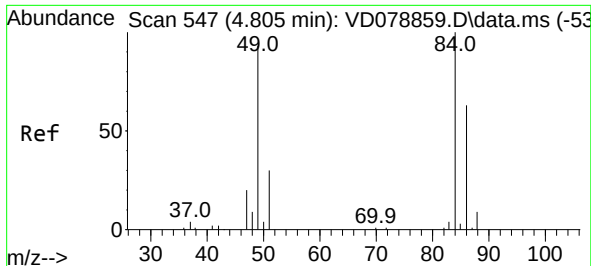
Tgt Ion:168 Resp: 106316
Ion Ratio Lower Upper
168 100
99 50.4 38.8 58.2



#17
Carbon Disulfide
Concen: 1.878 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 76 Resp: 7808
Ion Ratio Lower Upper
76 100
78 7.0 7.3 10.9#

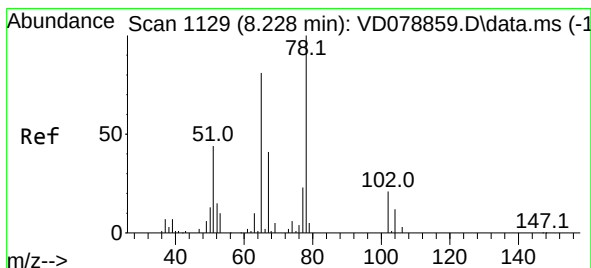
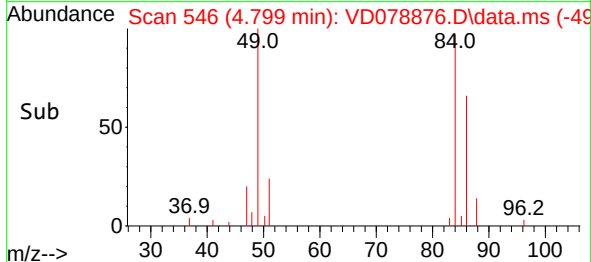
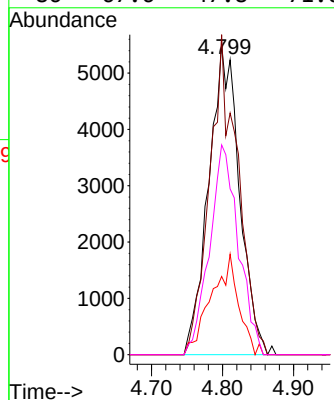
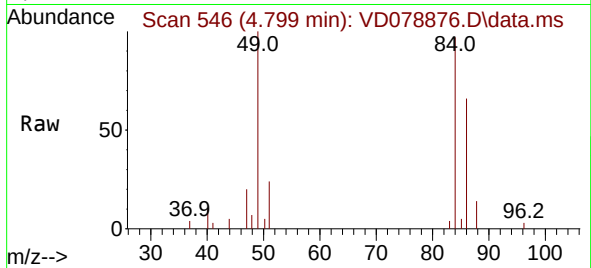




#20
Methylene Chloride
Concen: 9.429 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

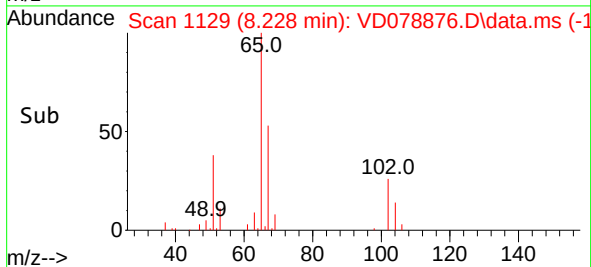
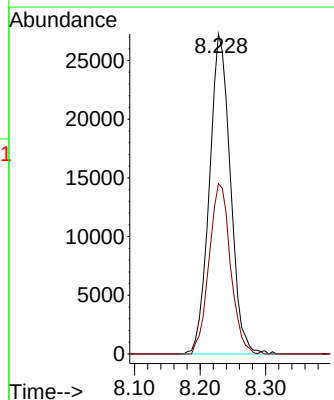
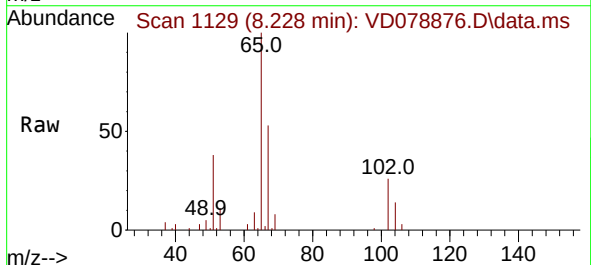
Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-02

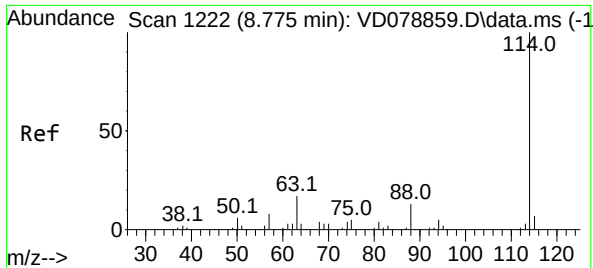
Tgt Ion: 84	Resp: 16566
Ion Ratio	Lower Upper
84 100	
49 103.1	75.6 113.4
51 25.2	23.4 35.0
86 67.6	47.8 71.6



#33
1,2-Dichloroethane-d4
Concen: 51.388 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 65	Resp: 60641
Ion Ratio	Lower Upper
65 100	
67 54.3	0.0 110.2

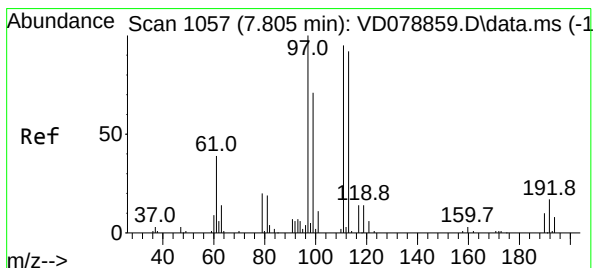
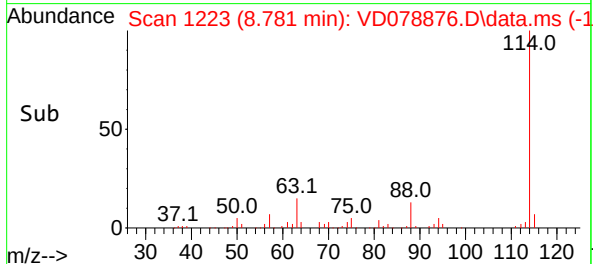
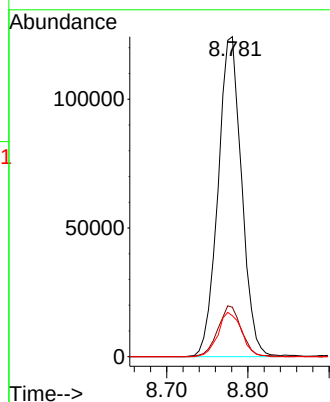
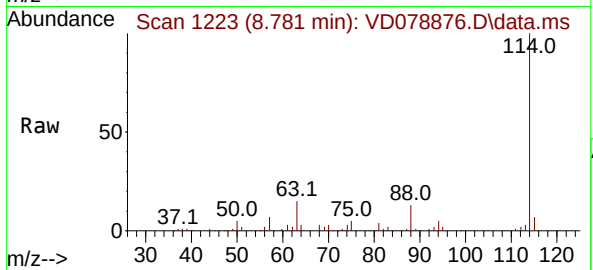




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

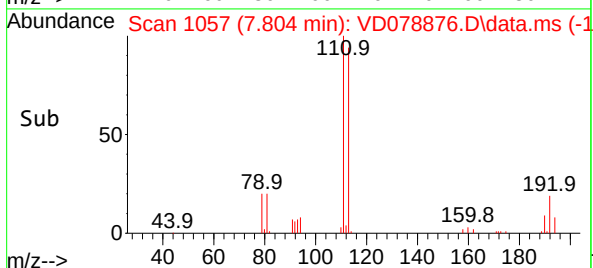
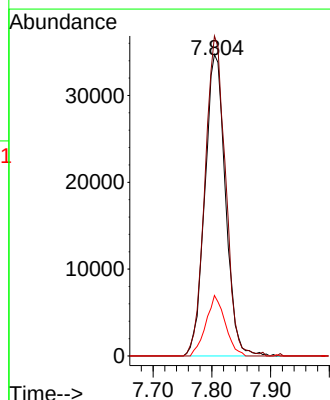
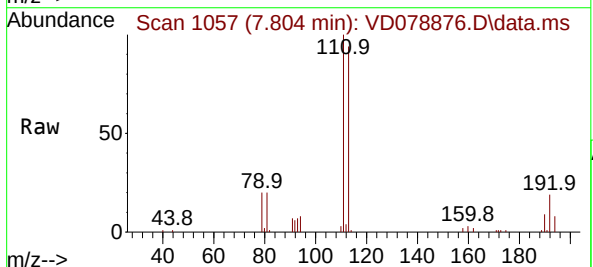
Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-02

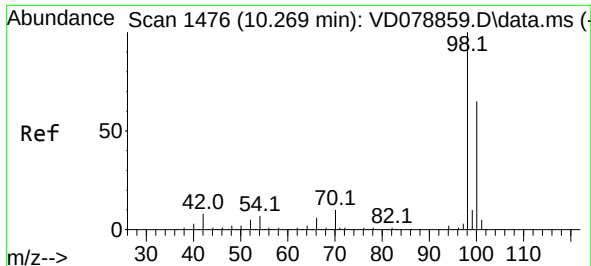
Tgt Ion:114 Resp: 251113
Ion Ratio Lower Upper
114 100
63 15.4 0.0 33.4
88 12.8 0.0 24.6



#35
Dibromofluoromethane
Concen: 45.883 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion:113 Resp: 84597
Ion Ratio Lower Upper
113 100
111 105.6 81.9 122.9
192 18.8 15.4 23.0

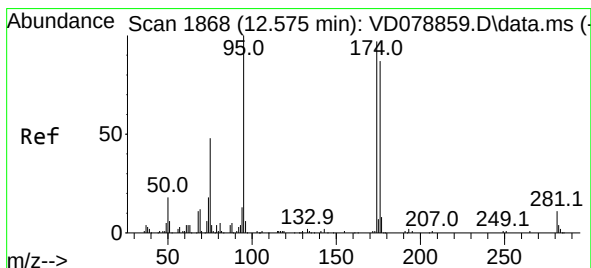
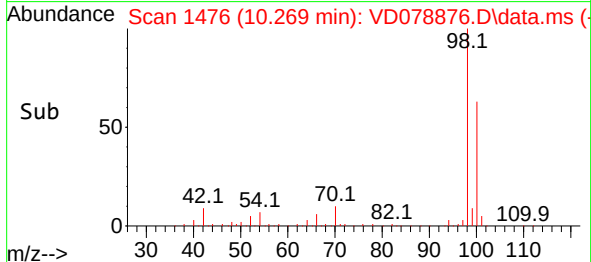
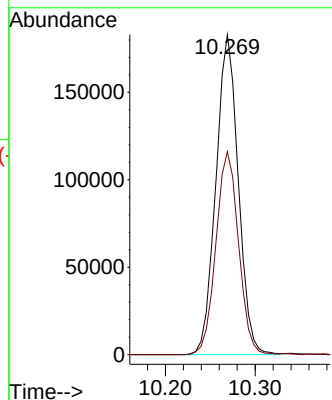
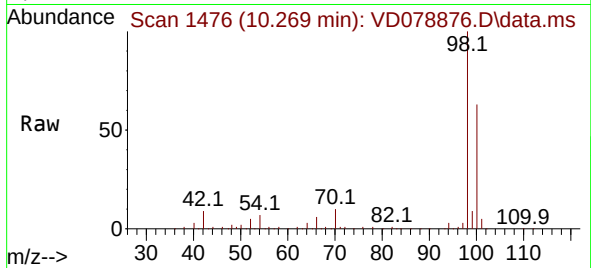




#50
Toluene-d8
Concen: 44.806 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

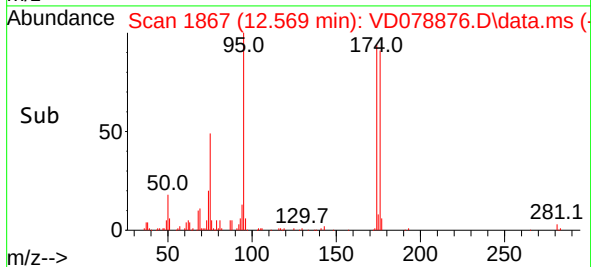
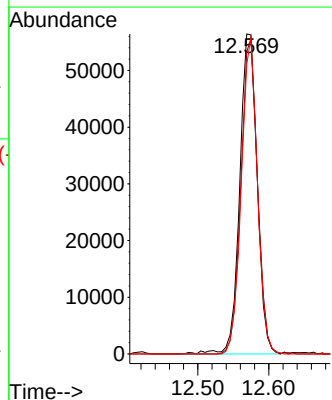
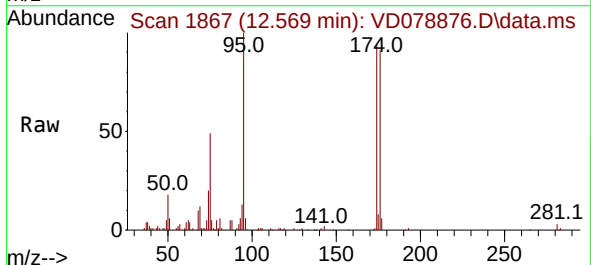
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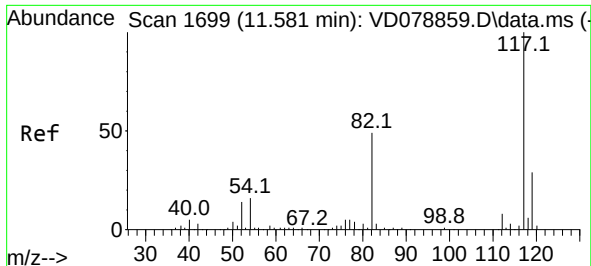
Tgt Ion: 98 Resp: 317034
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.620 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion: 95 Resp: 96433
Ion Ratio Lower Upper
95 100
174 93.7 0.0 195.2
176 90.9 0.0 188.2

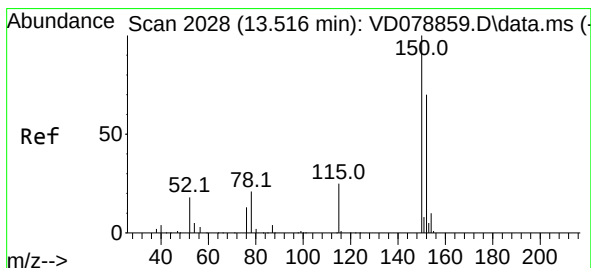
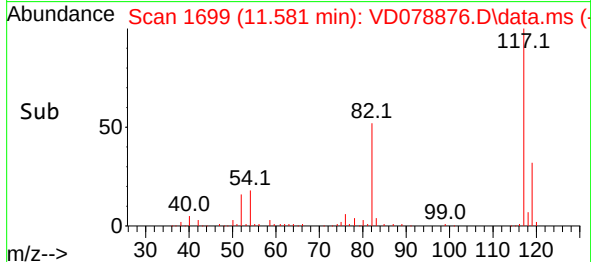
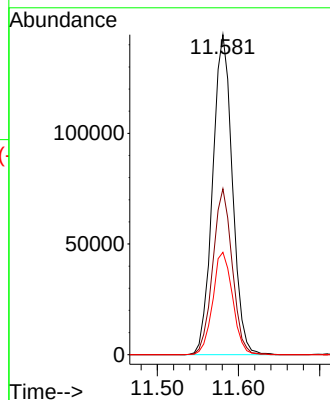
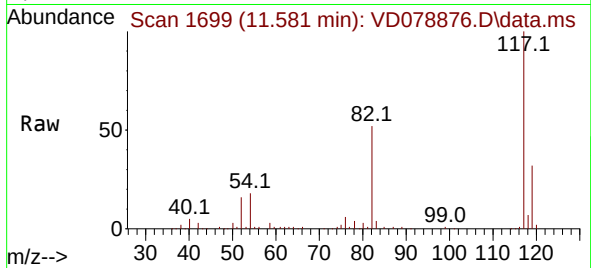




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Instrument :
MSVOA_D
ClientSampleId :
B-125-SB-02

Tgt Ion:117 Resp: 244410
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078876.D
Acq: 07 May 2024 13:21

Tgt Ion:152 Resp: 118627
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.2
150 156.7 0.0 350.2

