

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078757.D
 Acq On : 27 Mar 2024 17:33
 Operator : RP/MD
 Sample : P1879-02
 Misc : 4.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(2-4)

Quant Time: Mar 28 05:12:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

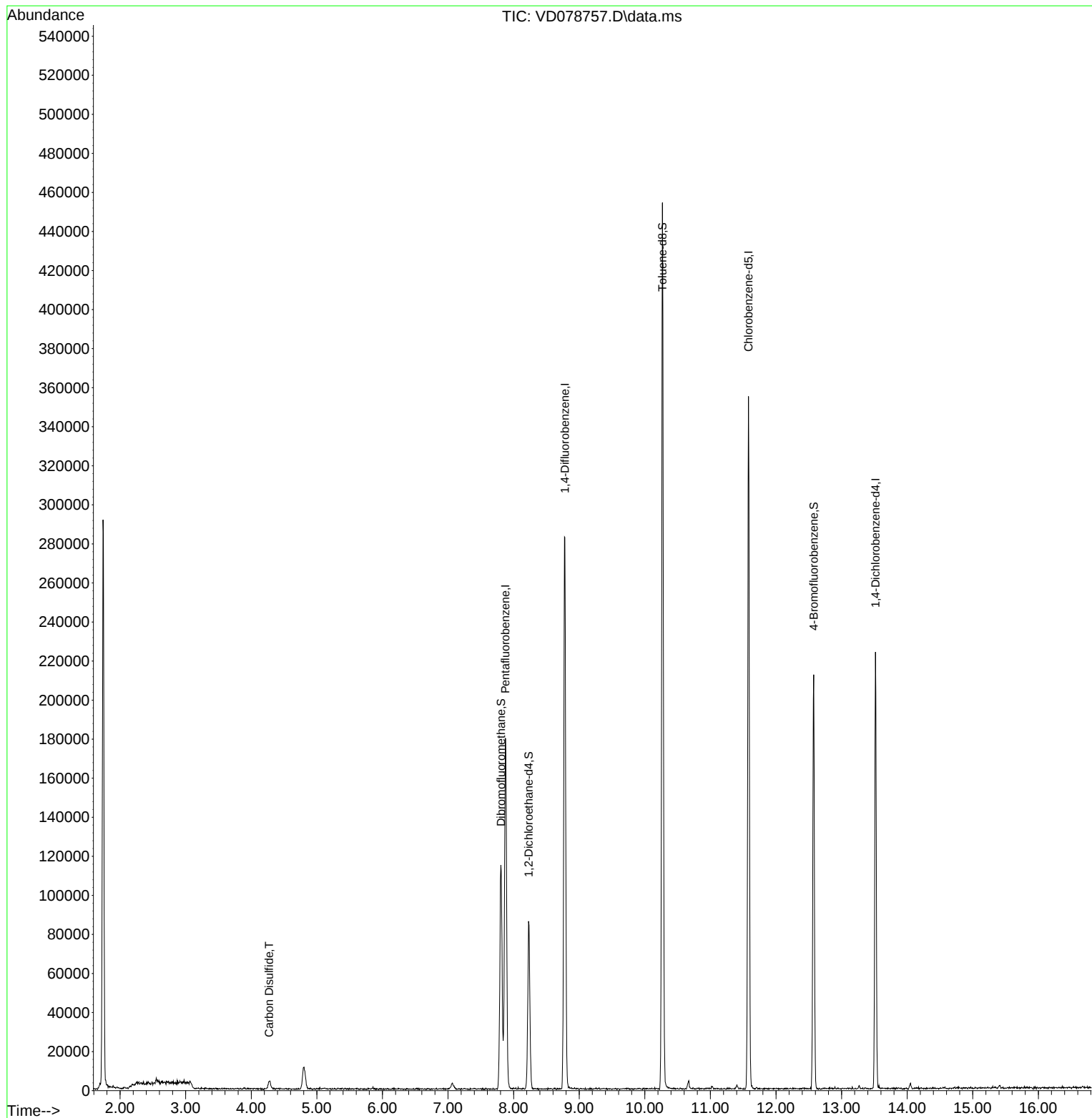
Internal Standards						
1) Pentafluorobenzene	7.875	168	142780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	265462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63404	47.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.810	113	82864	48.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.269	98	316492	50.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.575	95	62700	34.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.200%
Target Compounds						
17) Carbon Disulfide	4.269	76	7017	1.465	ug/l	Qvalue # 83

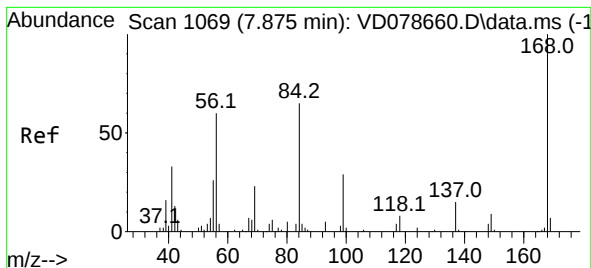
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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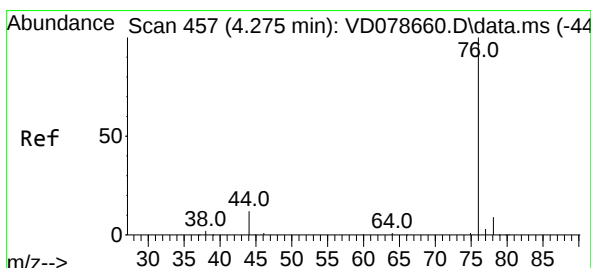
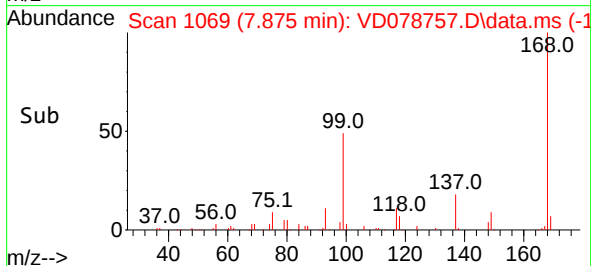
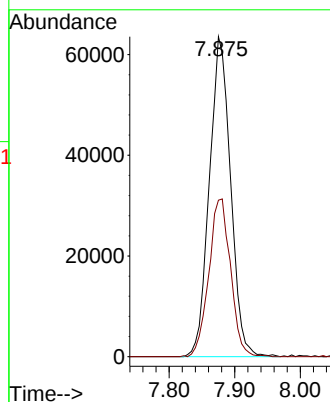
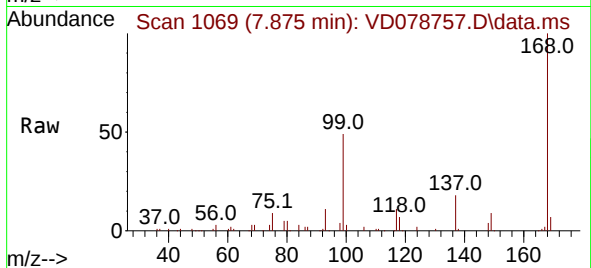




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

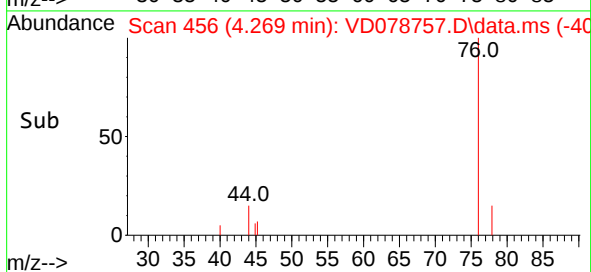
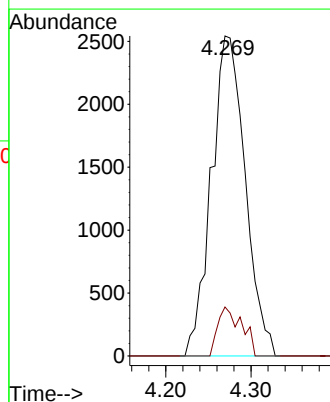
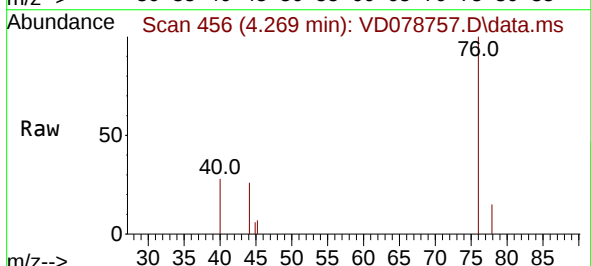
Instrument :
MSVOA_D
ClientSampleId :
EB-01(2-4)

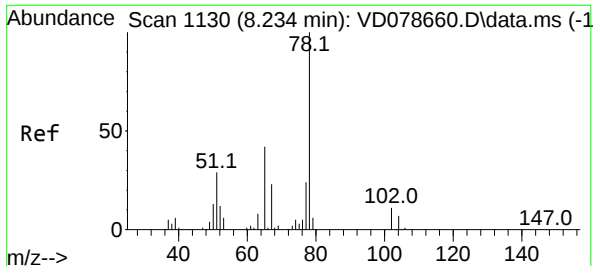
Tgt Ion:168 Resp: 142780
Ion Ratio Lower Upper
168 100
99 48.9 38.8 58.2



#17
Carbon Disulfide
Concen: 1.465 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.006 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

Tgt Ion: 76 Resp: 7017
Ion Ratio Lower Upper
76 100
78 15.3 7.3 10.9#





#33

1,2-Dichloroethane-d4

Concen: 47.384 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

Instrument :

MSVOA_D

ClientSampleId :

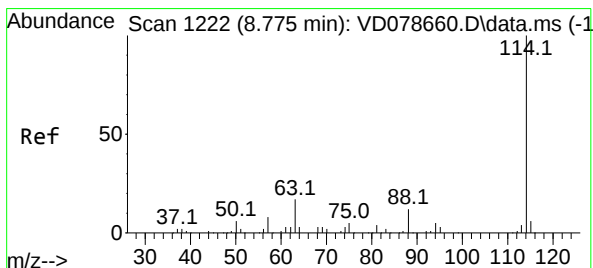
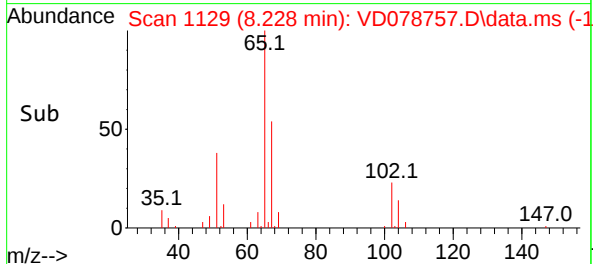
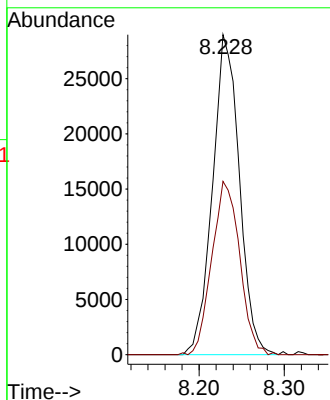
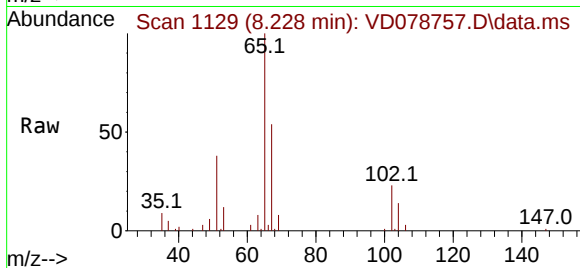
EB-01(2-4)

Tgt Ion: 65 Resp: 63404

Ion Ratio Lower Upper

65 100

67 56.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

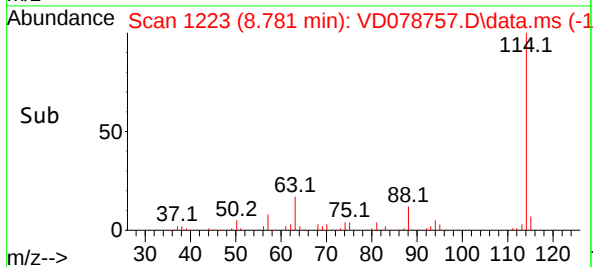
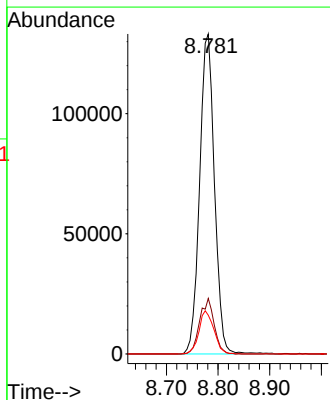
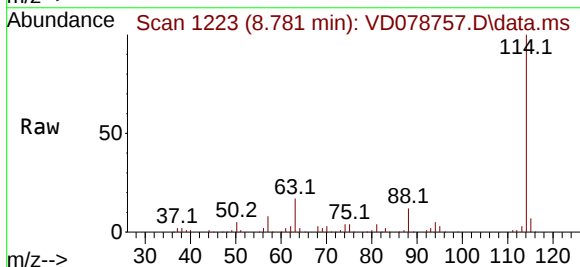
Tgt Ion: 114 Resp: 265462

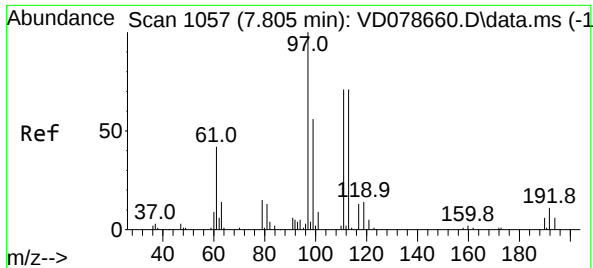
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 12.1 0.0 24.6





#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078757.D

Acq: 27 Mar 2024 17:33

Instrument :

MSVOA_D

ClientSampleId :

EB-01(2-4)

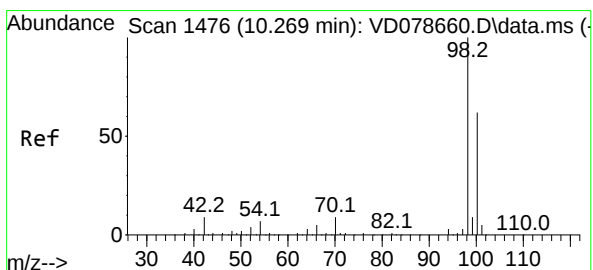
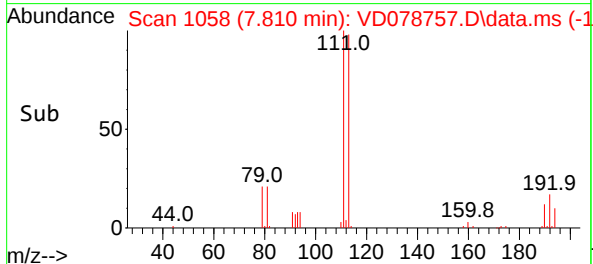
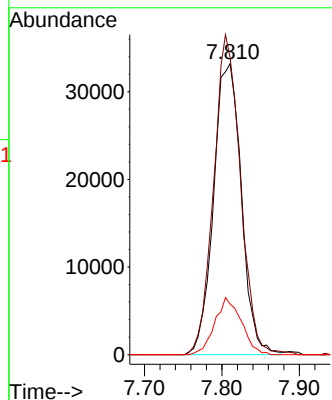
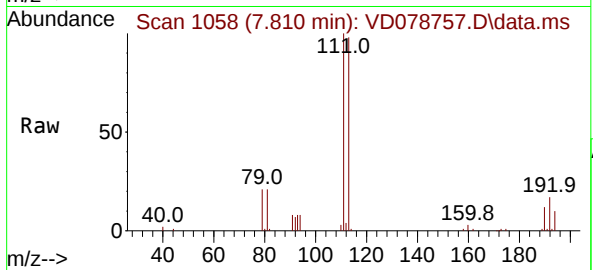
Tgt Ion:113 Resp: 82864

Ion Ratio Lower Upper

113 100

111 105.6 81.9 122.9

192 18.8 15.4 23.0



#50

Toluene-d8

Concen: 50.350 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078757.D

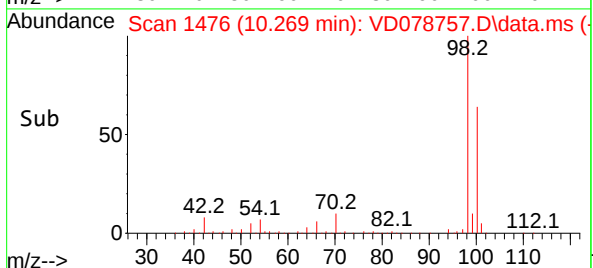
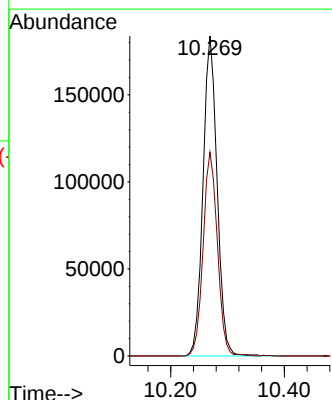
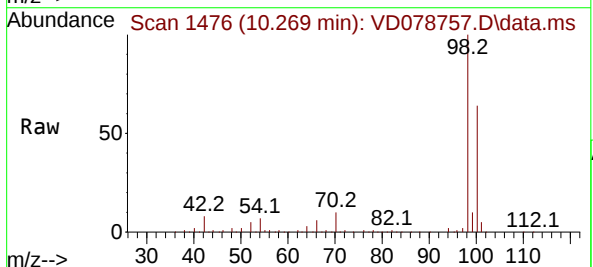
Acq: 27 Mar 2024 17:33

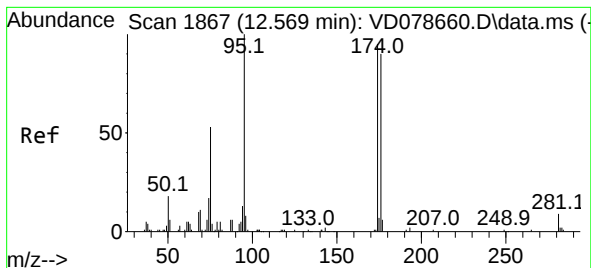
Tgt Ion: 98 Resp: 316492

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7

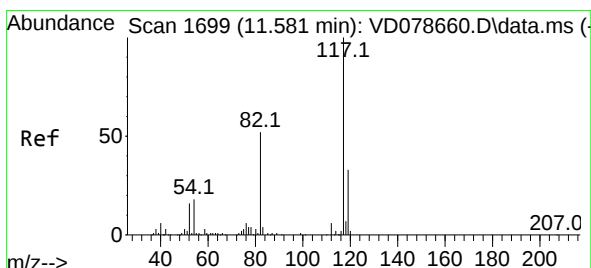
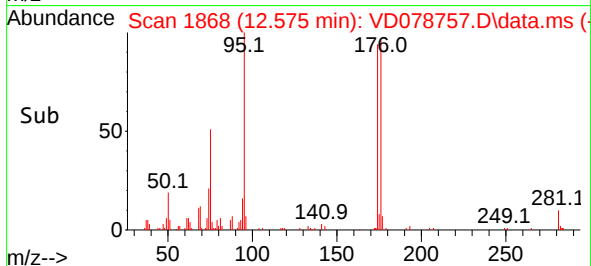
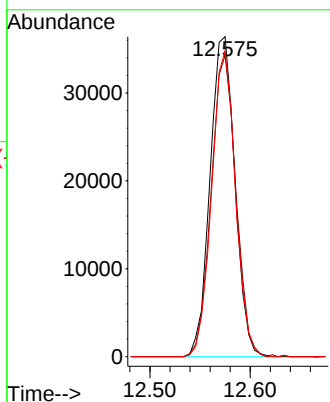
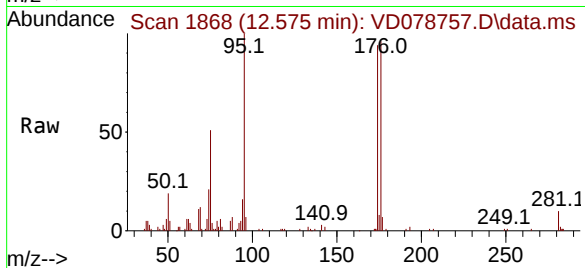




#62
4-Bromofluorobenzene
Concen: 34.096 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

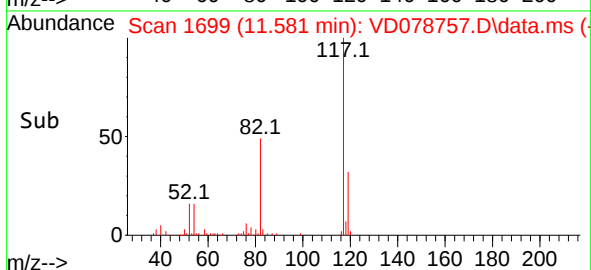
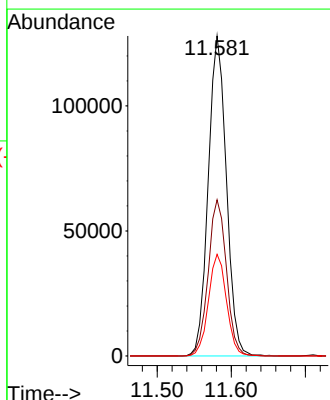
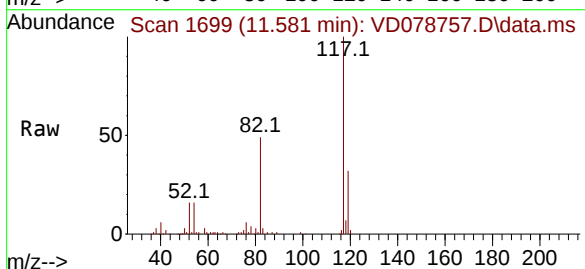
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EB-01(2-4)

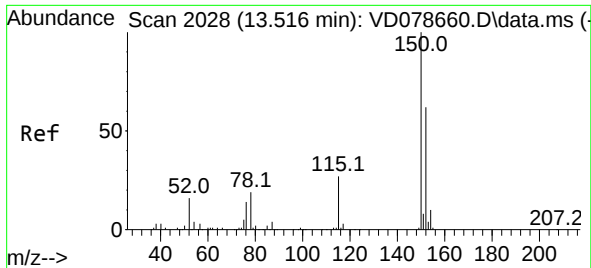
Tgt Ion:	95	Resp:	62700
Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	195.2
176	91.3	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078757.D
Acq: 27 Mar 2024 17:33

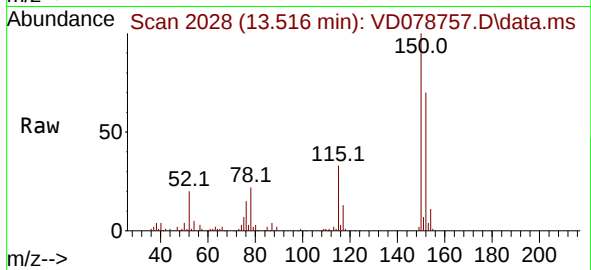
Tgt Ion:	117	Resp:	217312
Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.4	62.2
119	31.8	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078757.D
 Acq: 27 Mar 2024 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 EB-01(2-4)



Tgt Ion:152 Resp: 62188
 Ion Ratio Lower Upper
 152 100
 115 52.7 27.1 81.2
 150 155.1 0.0 350.2

