

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078931.D
 Acq On : 15 May 2024 15:51
 Operator : RP/MD
 Sample : P2488-03
 Misc : 4.42G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-G-GRAB

Quant Time: May 16 01:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	93030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	223666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53650	61.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.804	113	78867	52.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.940%	
50) Toluene-d8	10.269	98	287425	51.496	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.575	95	60733	38.733	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.460%	

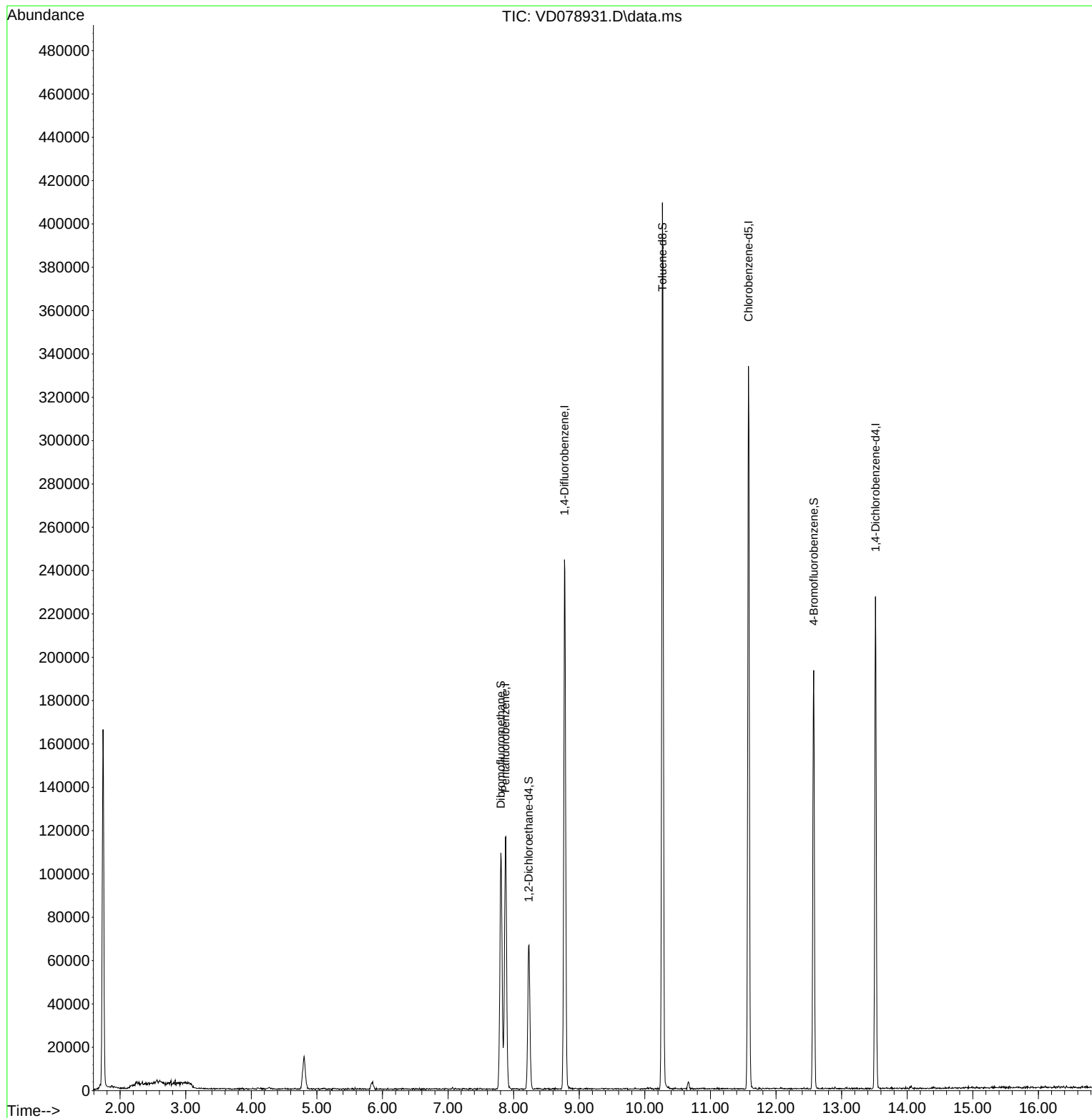
Target Compounds	Qvalue

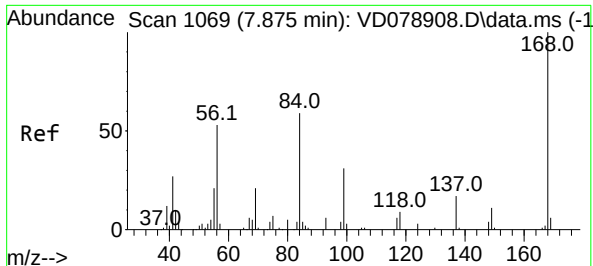
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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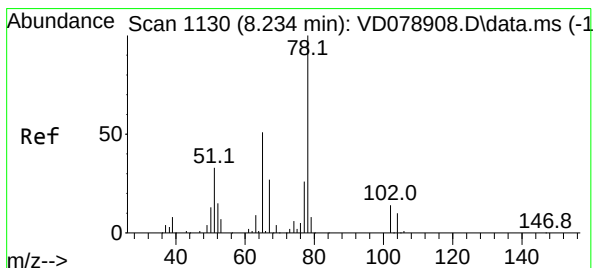
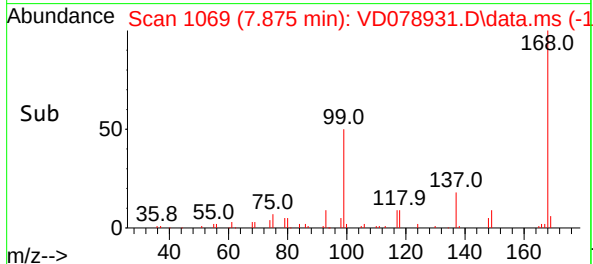
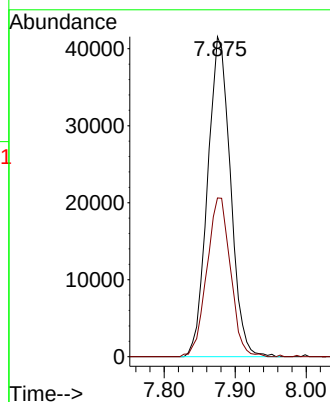
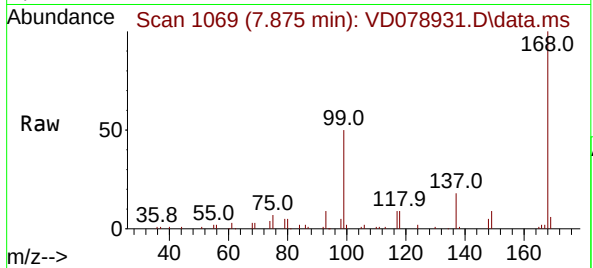




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

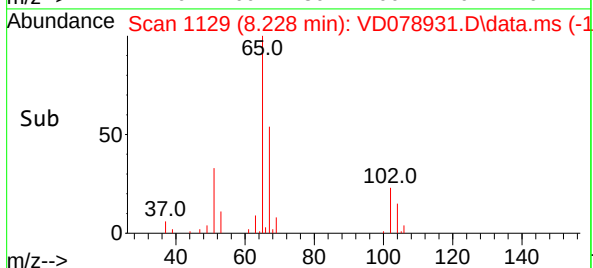
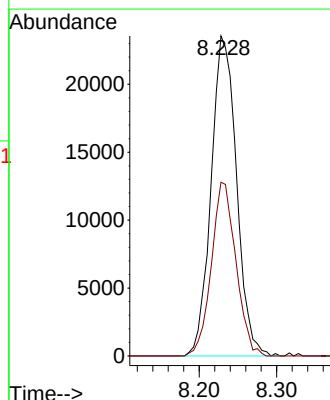
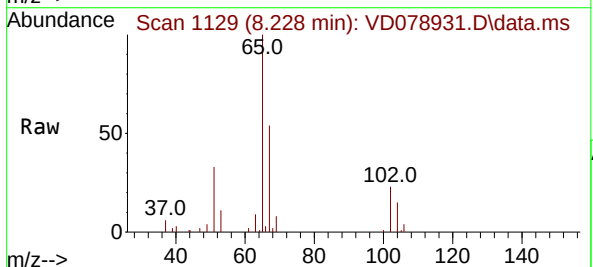
Instrument :
MSVOA_D
ClientSampleId :
SP-G-GRAB

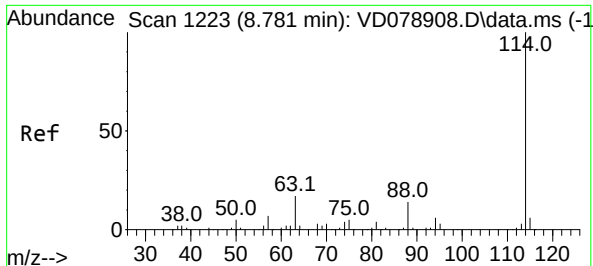
Tgt Ion:168 Resp: 93030
Ion Ratio Lower Upper
168 100
99 49.6 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 61.481 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

Tgt Ion: 65 Resp: 53650
Ion Ratio Lower Upper
65 100
67 52.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078931.D

Acq: 15 May 2024 15:51

Instrument :

MSVOA_D

ClientSampleId :

SP-G-GRAB

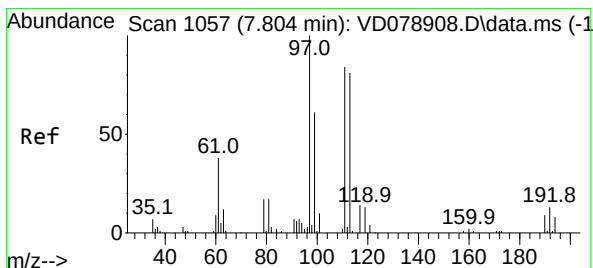
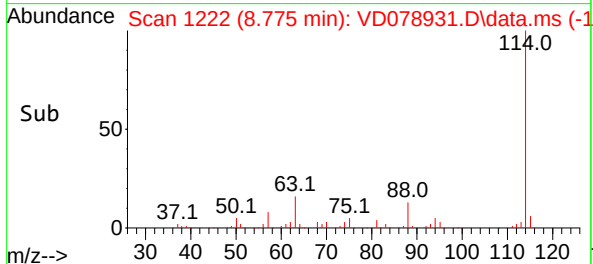
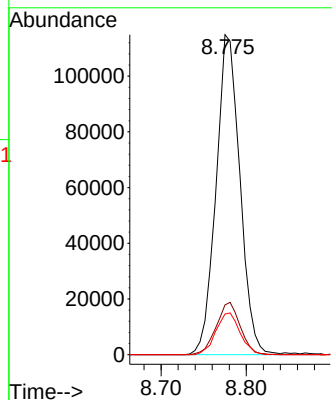
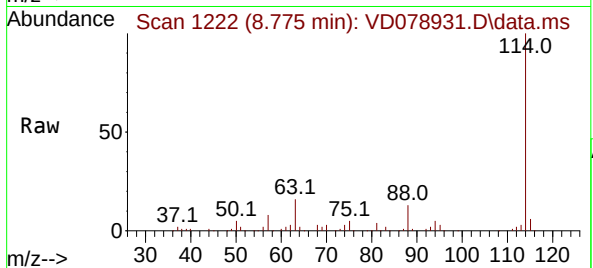
Tgt Ion:114 Resp: 223666

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.971 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078931.D

Acq: 15 May 2024 15:51

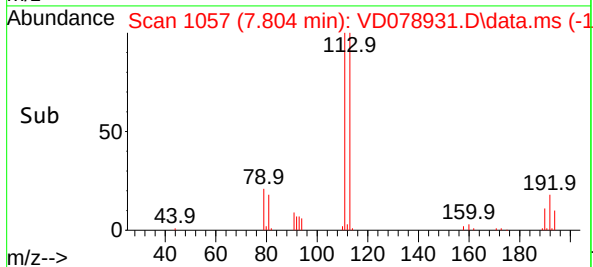
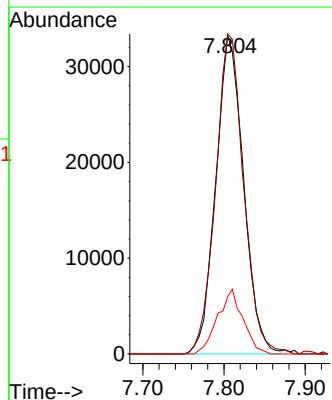
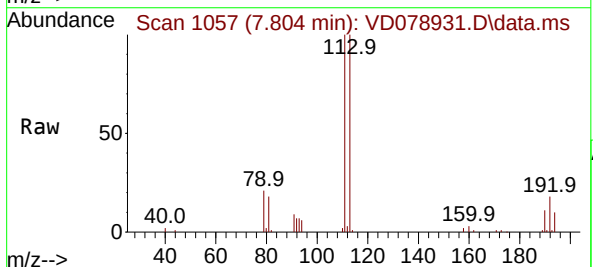
Tgt Ion:113 Resp: 78867

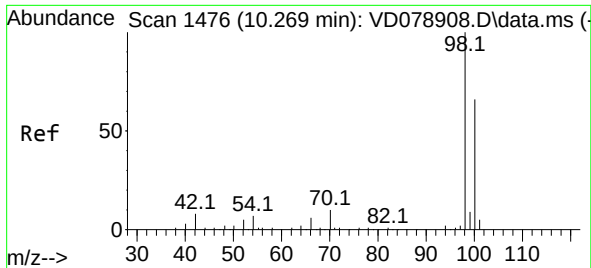
Ion Ratio Lower Upper

113 100

111 101.5 84.0 126.0

192 18.6 15.4 23.0

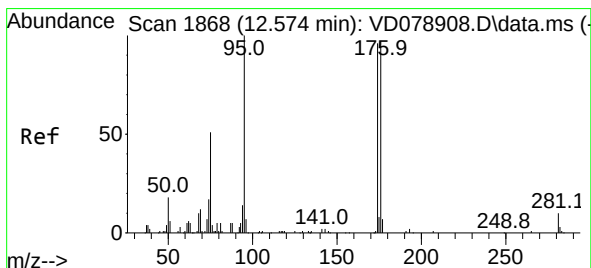
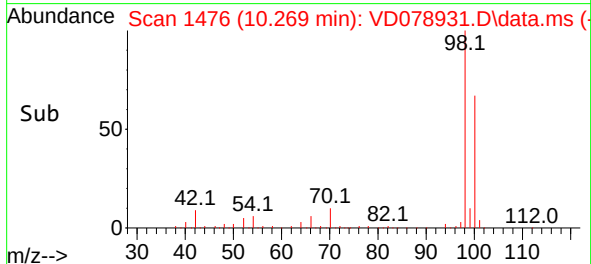
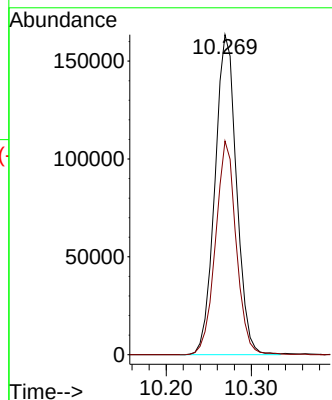
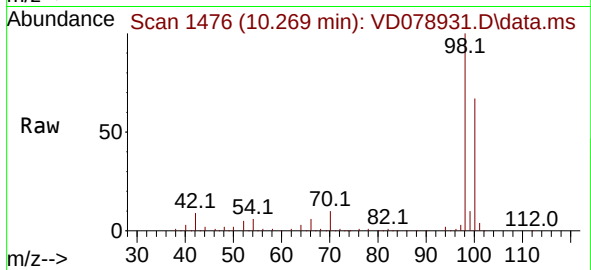




#50
Toluene-d8
Concen: 51.496 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

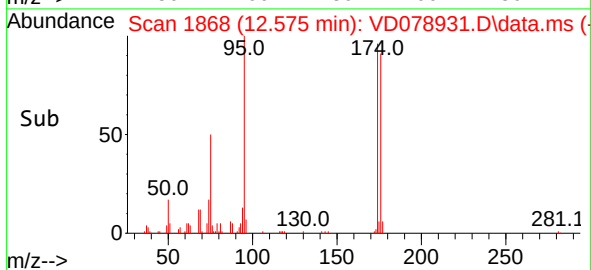
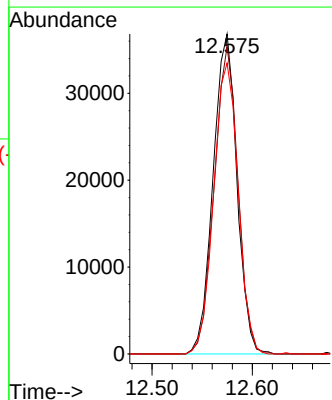
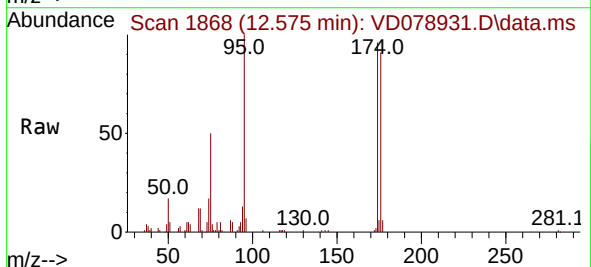
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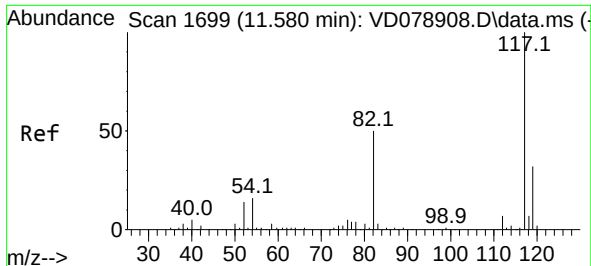
Tgt Ion: 98 Resp: 287425
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.733 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

Tgt Ion: 95 Resp: 60733
Ion Ratio Lower Upper
95 100
174 95.7 0.0 195.4
176 93.5 0.0 192.6

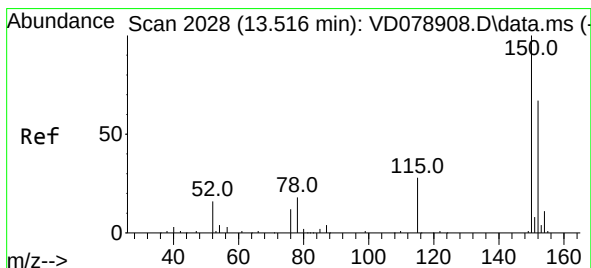
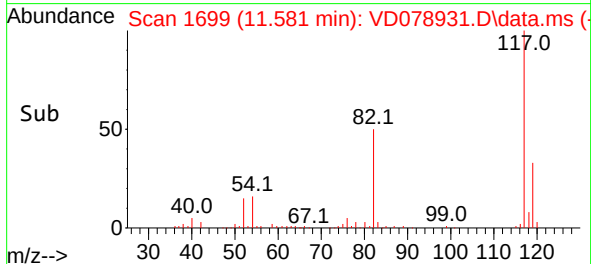
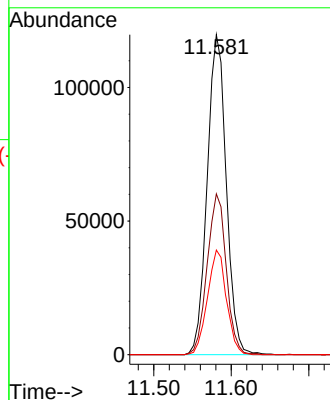
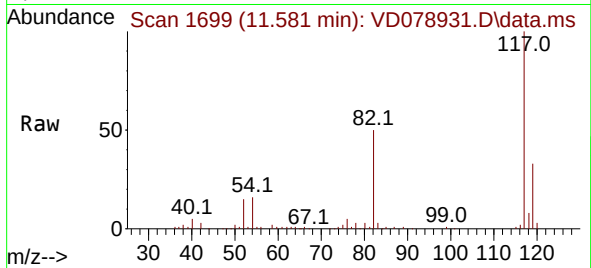




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

Instrument :
MSVOA_D
ClientSampleId :
SP-G-GRAB

Tgt Ion:117 Resp: 204630
Ion Ratio Lower Upper
117 100
82 50.3 39.8 59.6
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078931.D
Acq: 15 May 2024 15:51

Tgt Ion:152 Resp: 64577
Ion Ratio Lower Upper
152 100
115 54.0 26.5 79.5
150 155.7 0.0 341.6

