

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078727.D
 Acq On : 21 Mar 2024 16:41
 Operator : RP/MD
 Sample : P1816-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-032024

Quant Time: Mar 22 06:56:24 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	7.881	168	15293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	27082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	30626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	13640	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11220	78.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.580%
35) Dibromofluoromethane	7.810	113	11858	68.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.020%
50) Toluene-d8	10.275	98	33428	52.128	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.569	95	10732	57.205	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.400%

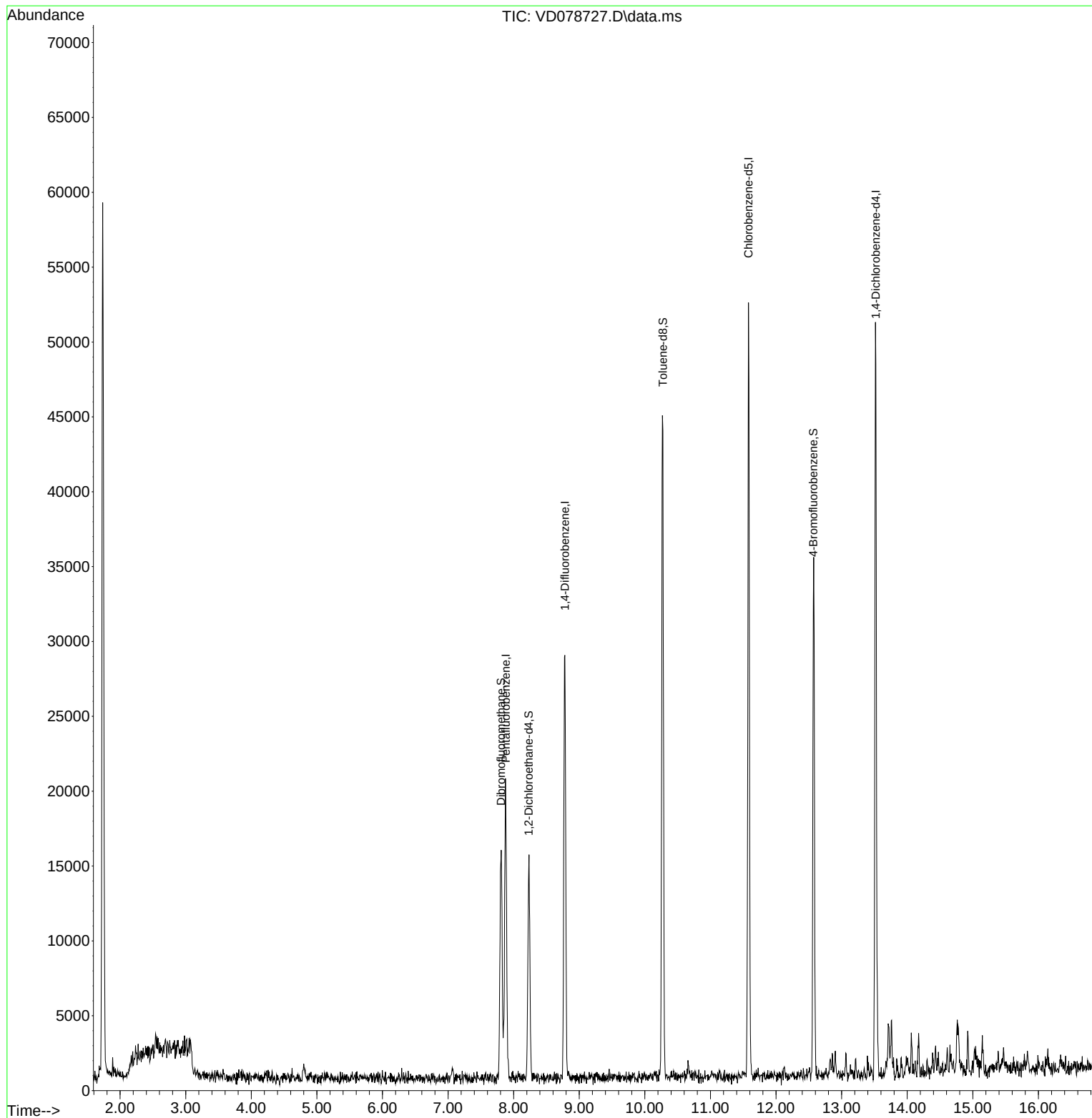
Target Compounds	Qvalue

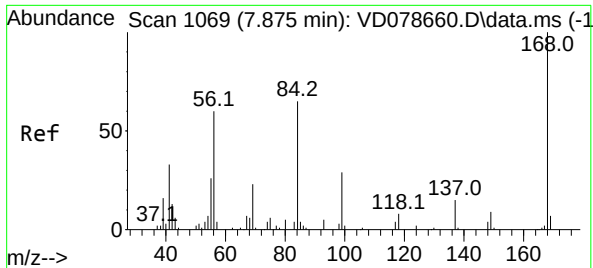
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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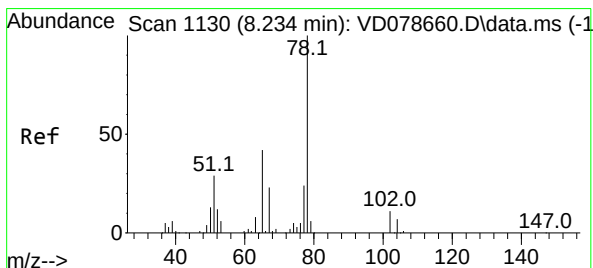
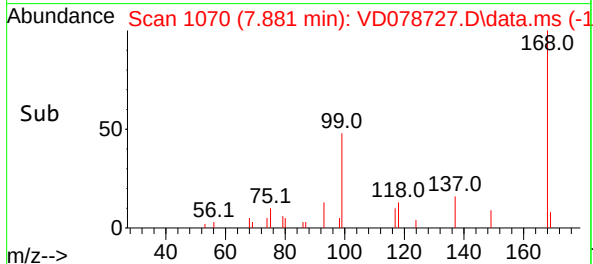
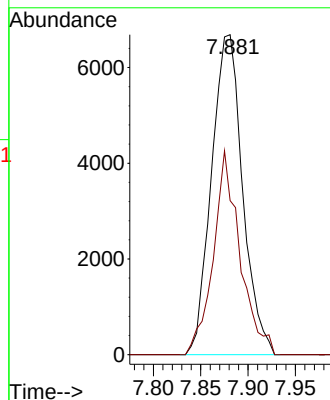
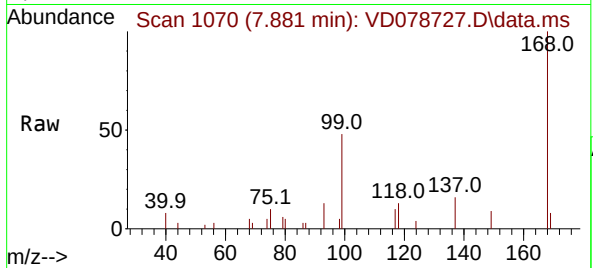




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

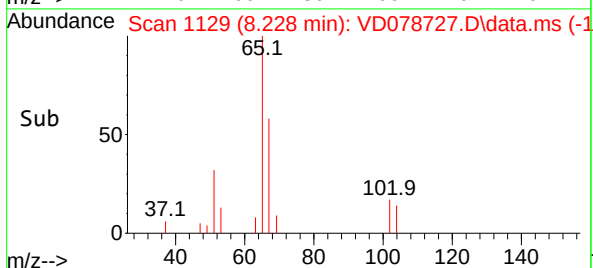
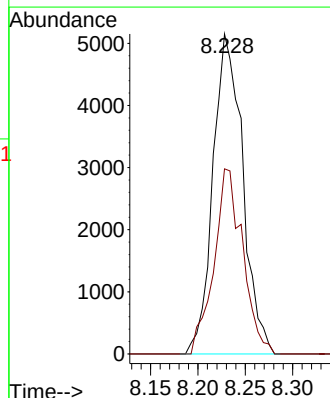
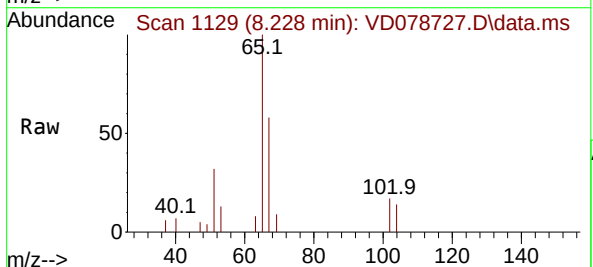
Instrument :
MSVOA_D
ClientSampleId :
PL-01-032024

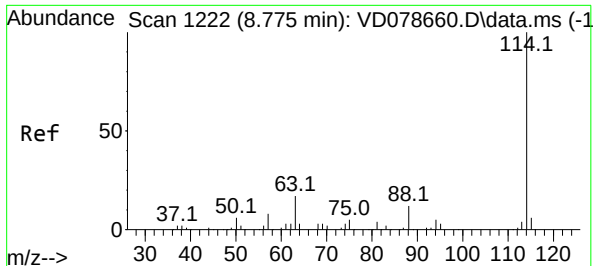
Tgt Ion:168 Resp: 15293
Ion Ratio Lower Upper
168 100
99 48.2 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 78.286 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

Tgt Ion: 65 Resp: 11220
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# 11

Delta R.T. 0.006 min

Lab File: VD078727.D

Acq: 21 Mar 2024 16:41

Instrument :

MSVOA_D

ClientSampleId :

PL-01-032024

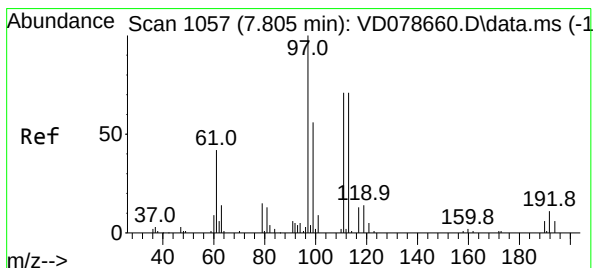
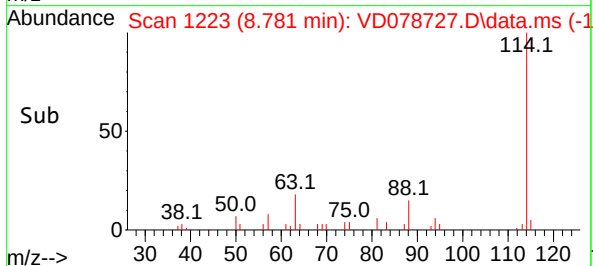
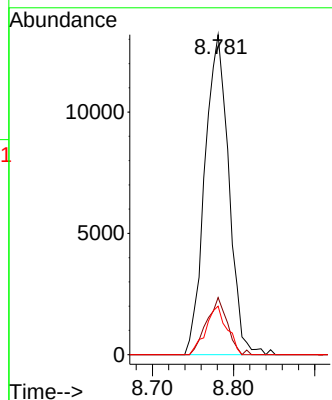
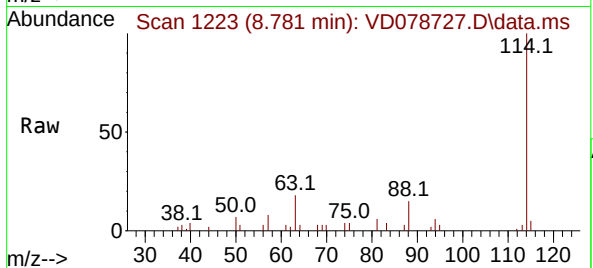
Tgt Ion:114 Resp: 27082

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 15.2 0.0 24.6



#35

Dibromofluoromethane

Concen: 68.006 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078727.D

Acq: 21 Mar 2024 16:41

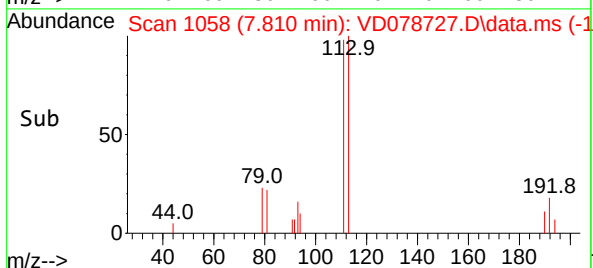
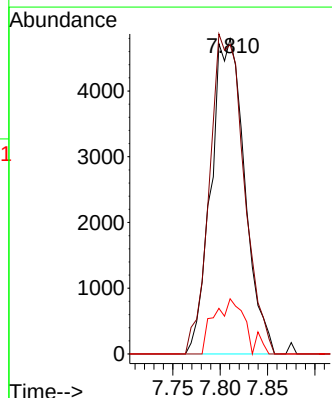
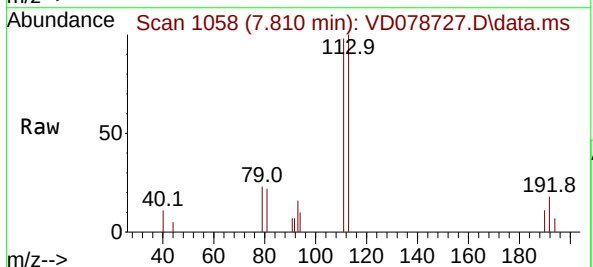
Tgt Ion:113 Resp: 11858

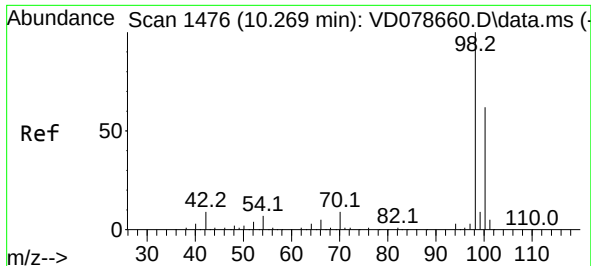
Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 16.5 15.4 23.0

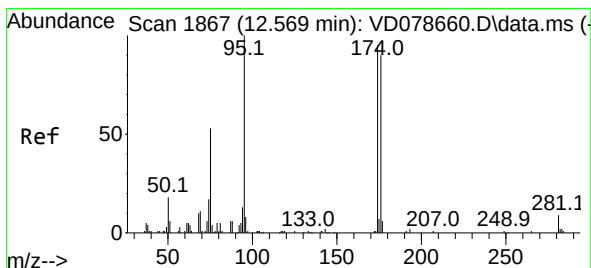
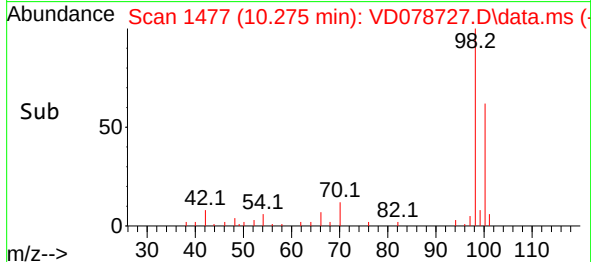
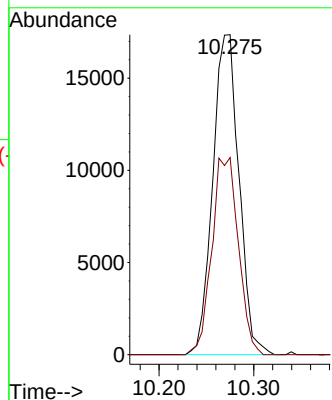
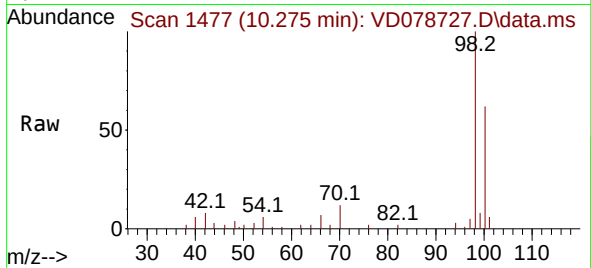




#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

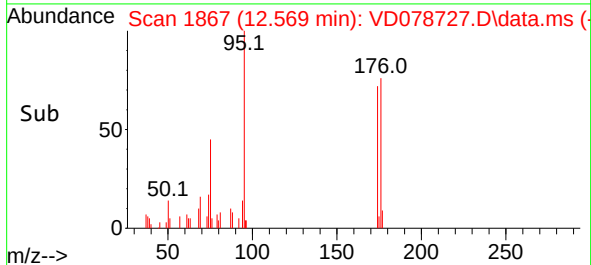
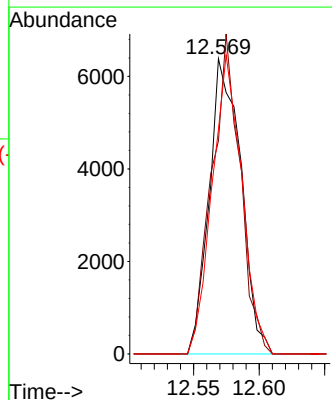
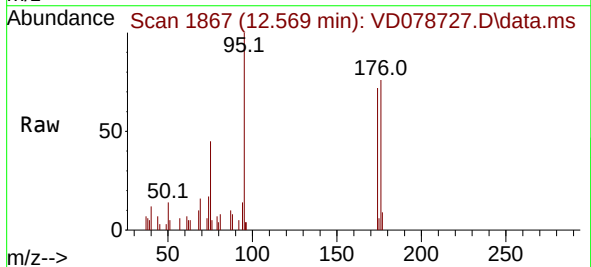
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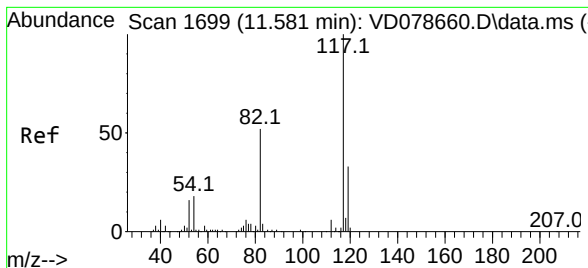
Tgt Ion: 98 Resp: 33428
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 57.205 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

Tgt Ion: 95 Resp: 10732
Ion Ratio Lower Upper
95 100
174 96.9 0.0 195.2
176 95.0 0.0 188.2

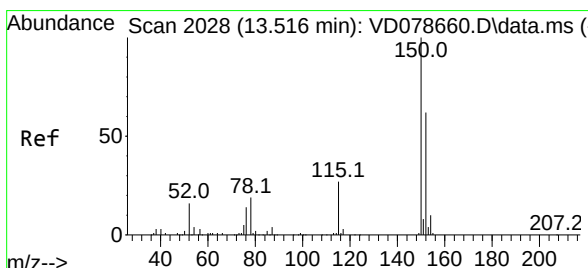
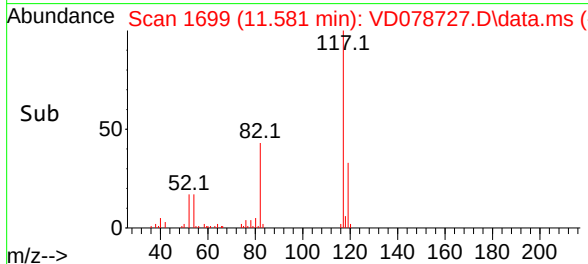
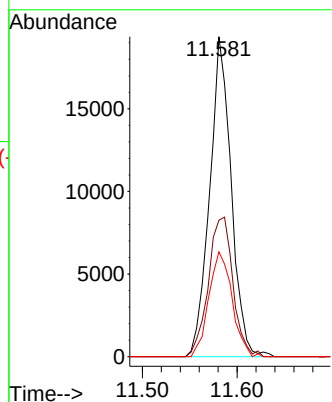
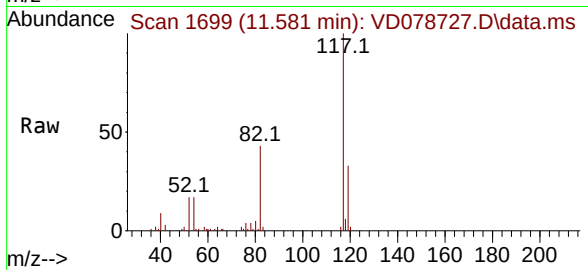




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

Instrument :
MSVOA_D
ClientSampleId :
PL-01-032024

Tgt Ion:117 Resp: 30626
Ion Ratio Lower Upper
117 100
82 42.7 41.4 62.2
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078727.D
Acq: 21 Mar 2024 16:41

Tgt Ion:152 Resp: 13640
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.2
150 165.0 0.0 350.2

