

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076817.D
 Acq On : 26 Jul 2023 20:34
 Operator : KP/SY
 Sample : 03769-14
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P31B

Quant Time: Jul 27 04:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	12300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13124	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5750	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	5684	89.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	179.220%#
35) Dibromofluoromethane	7.798	113	5256	68.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.000%
50) Toluene-d8	10.269	98	15989	57.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.640%
62) 4-Bromofluorobenzene	12.569	95	4974	55.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.220%

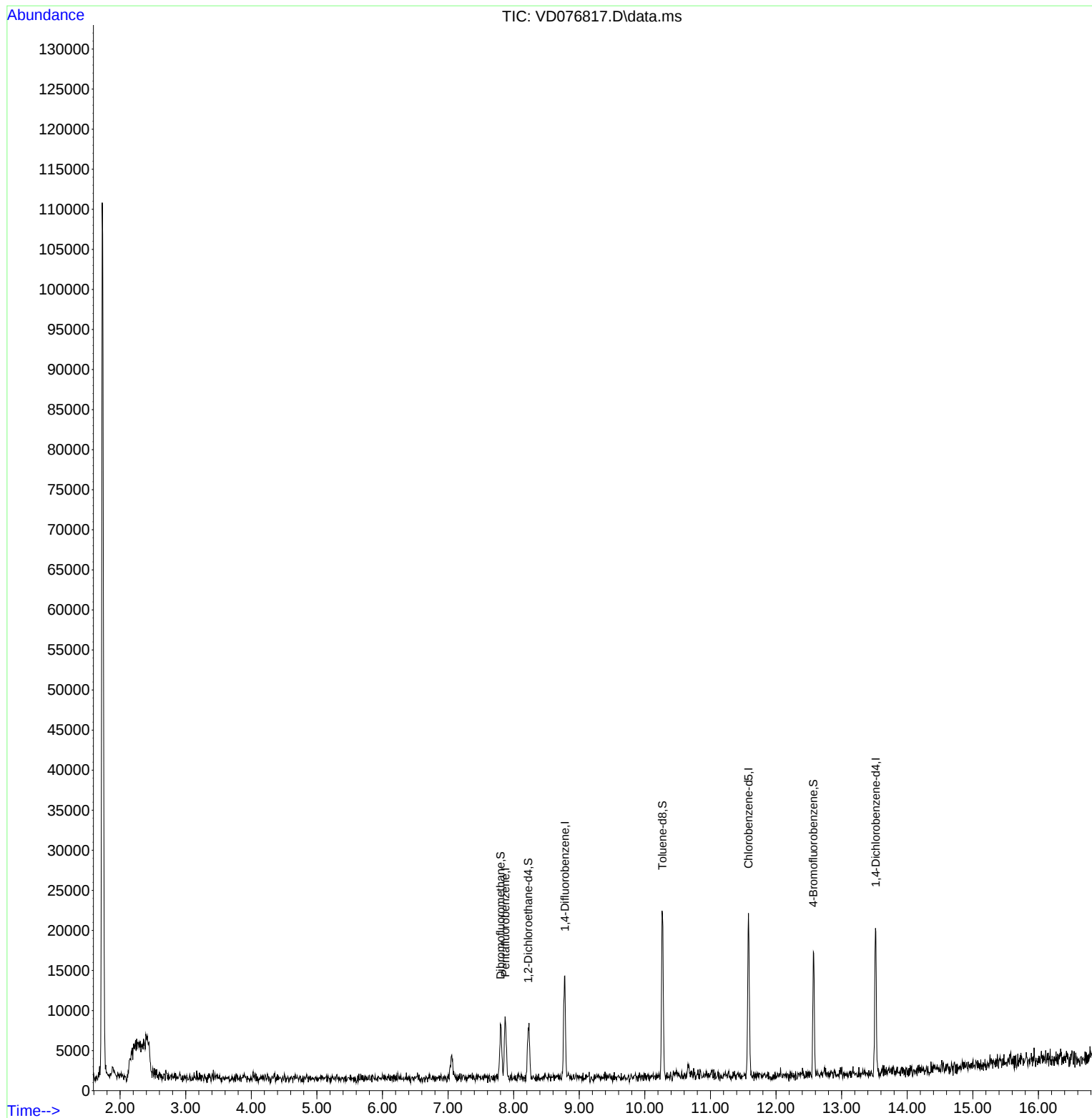
Target Compounds	Qvalue

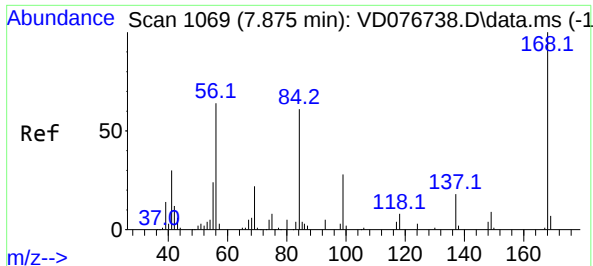
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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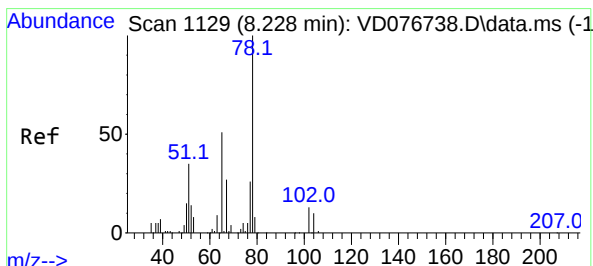
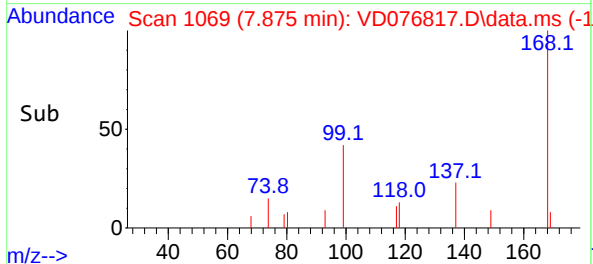
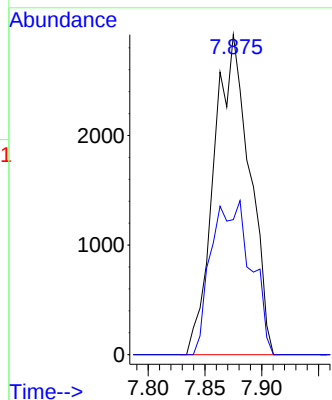
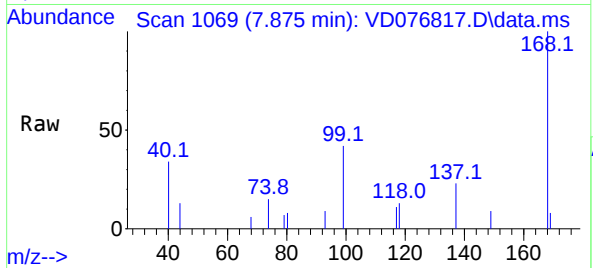




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

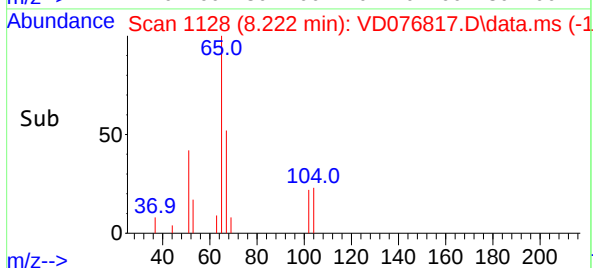
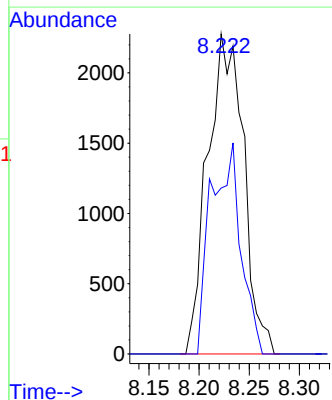
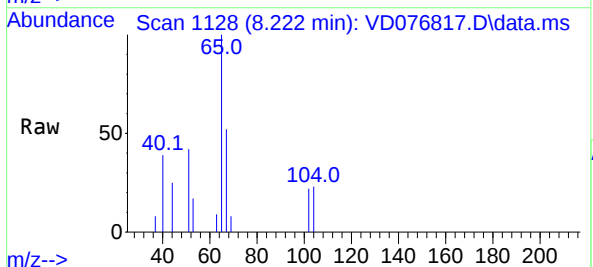
Instrument :
MSVOA_D
ClientSampleId :
B-P31B

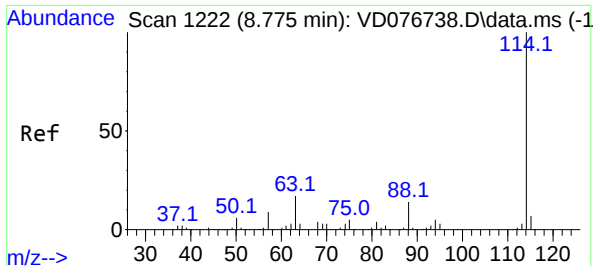
Tgt Ion:168 Resp: 6368
Ion Ratio Lower Upper
168 100
99 42.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 89.614 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Tgt Ion: 65 Resp: 5684
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

Instrument :

MSVOA_D

ClientSampleId :

B-P31B

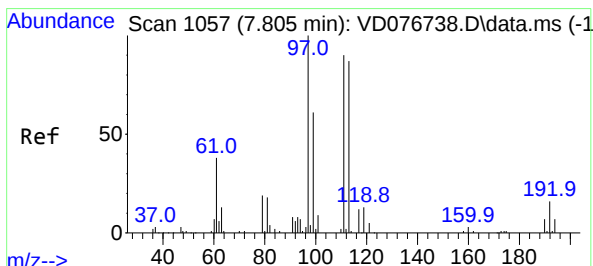
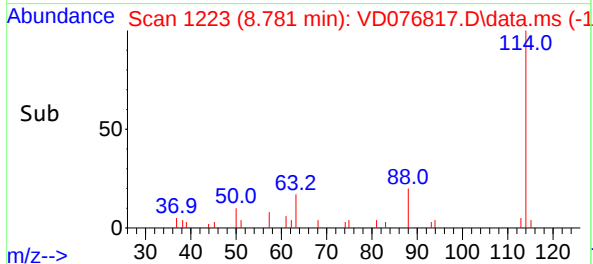
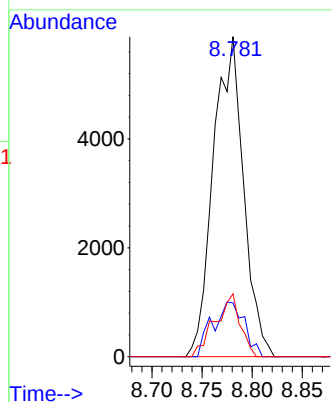
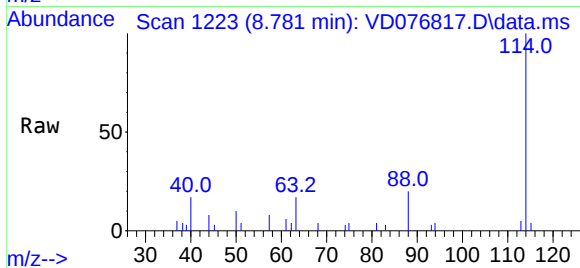
Tgt Ion:114 Resp: 12300

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 19.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 68.000 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076817.D

Acq: 26 Jul 2023 20:34

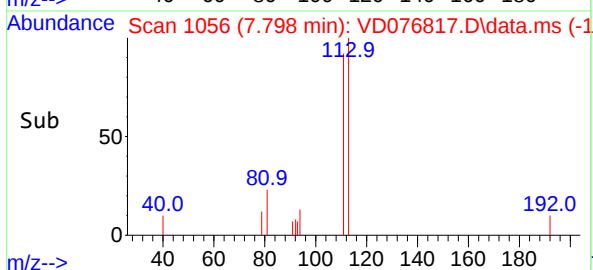
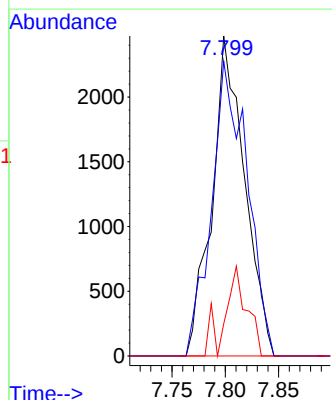
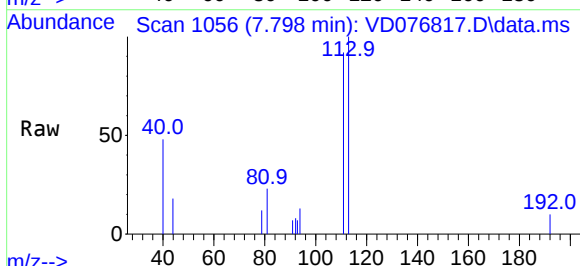
Tgt Ion:113 Resp: 5256

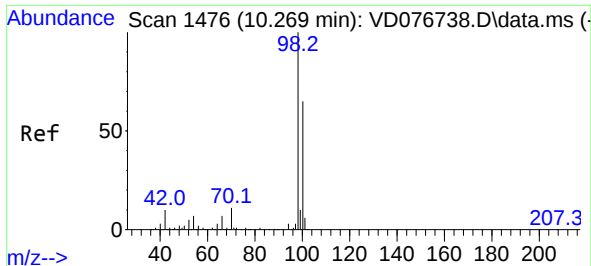
Ion Ratio Lower Upper

113 100

111 100.5 84.7 127.1

192 16.2 16.8 25.2#

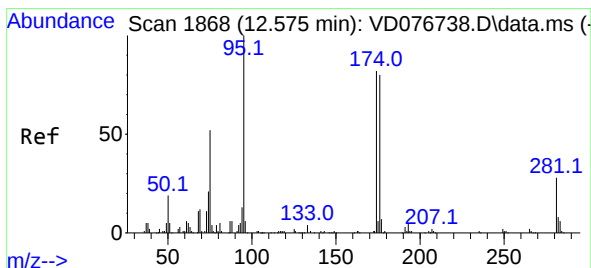
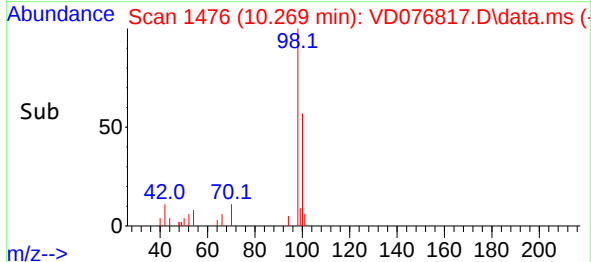
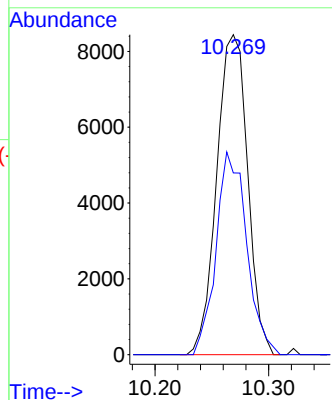
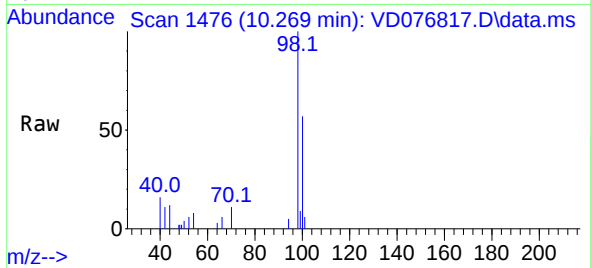




#50
Toluene-d8
Concen: 57.824 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

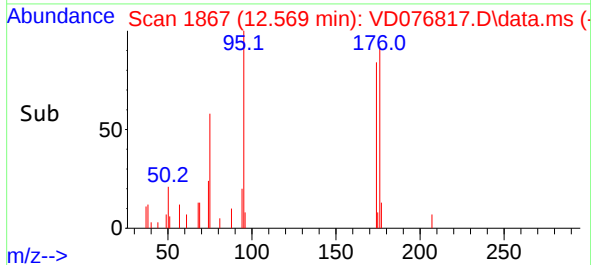
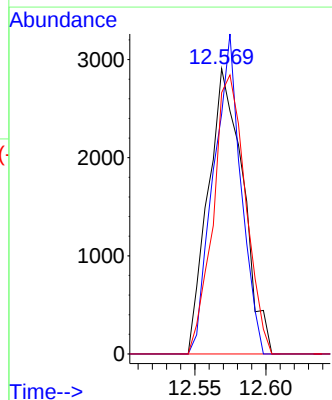
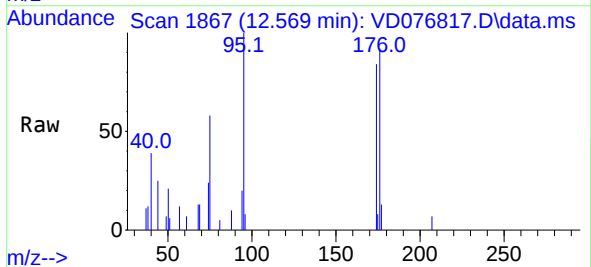
Instrument :
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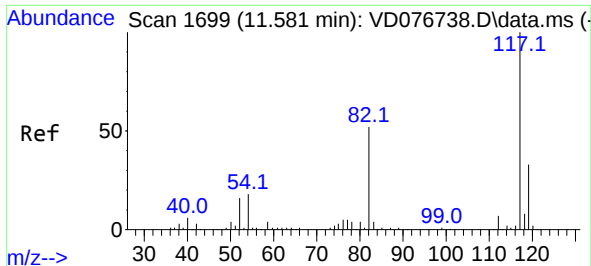
Tgt Ion: 98 Resp: 15989
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.606 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Tgt Ion: 95 Resp: 4974
Ion Ratio Lower Upper
95 100
174 88.1 0.0 201.8
176 90.6 0.0 191.8

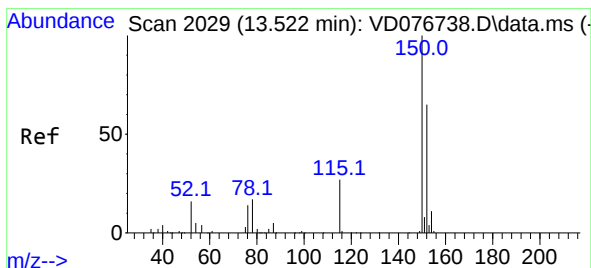
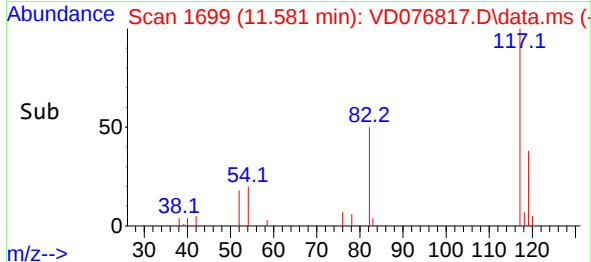
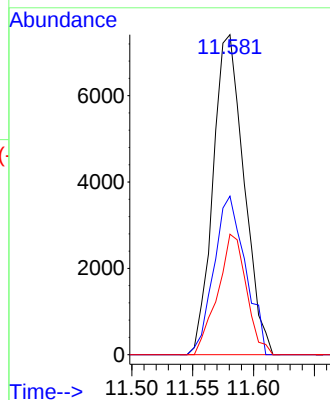
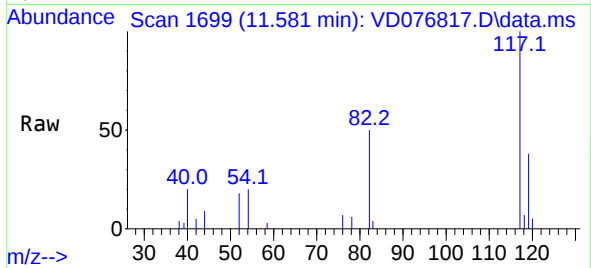




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Instrument :
MSVOA_D
ClientSampleId :
B-P31B

Tgt Ion:117 Resp: 13124
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 37.6 25.0 37.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076817.D
Acq: 26 Jul 2023 20:34

Tgt Ion:152 Resp: 5750
Ion Ratio Lower Upper
152 100
115 49.3 27.1 81.3
150 157.3 0.0 353.6

