

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076818.D
 Acq On : 26 Jul 2023 21:03
 Operator : KP/SY
 Sample : 03736-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-5-072423

Quant Time: Jul 27 04:27:34 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	50305	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	108370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41579	82.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.960%#
35) Dibromofluoromethane	7.804	113	41325	60.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.360%
50) Toluene-d8	10.269	98	133866	54.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.900%
62) 4-Bromofluorobenzene	12.569	95	40025	50.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.580%

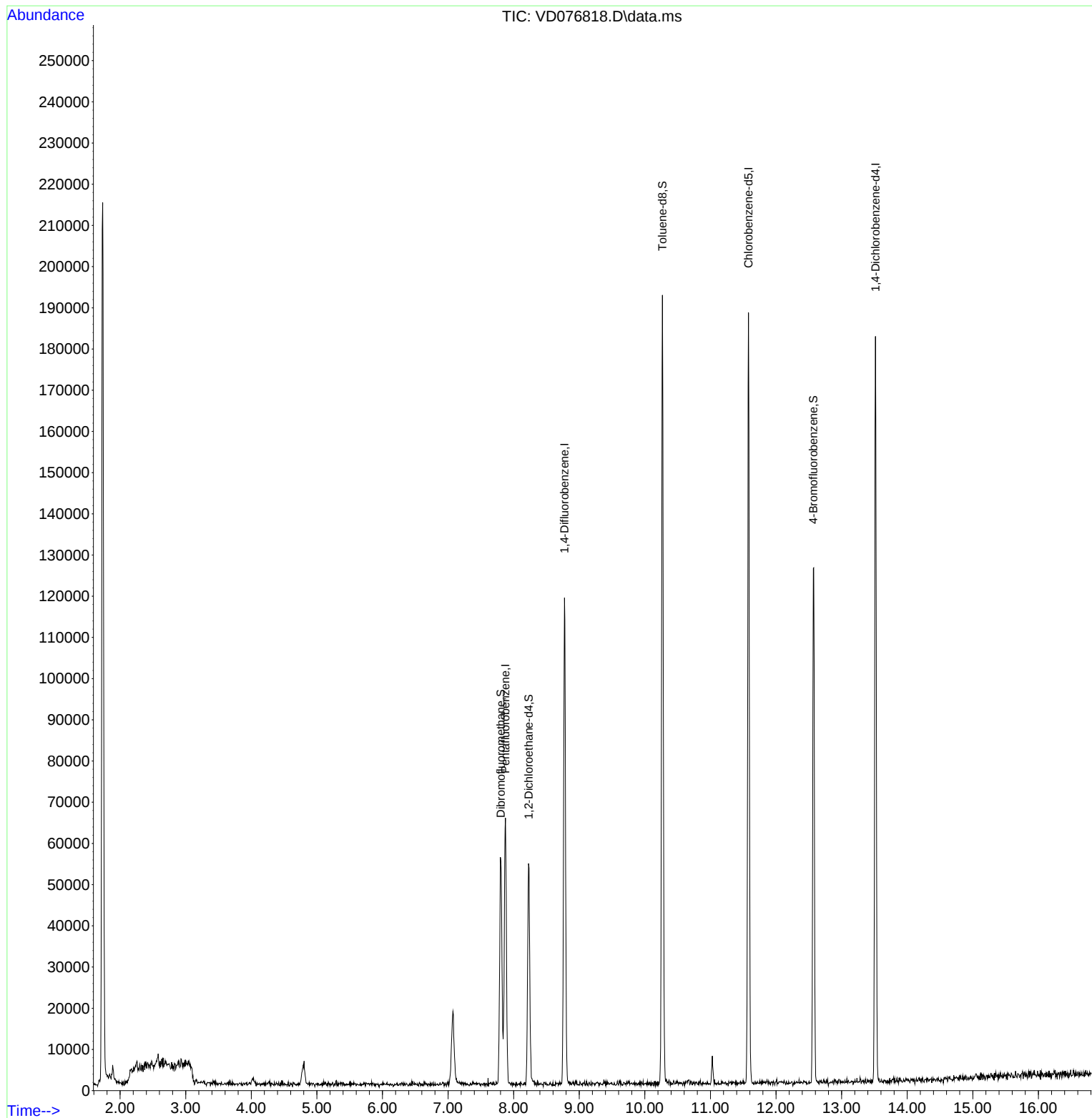
Target Compounds	Qvalue

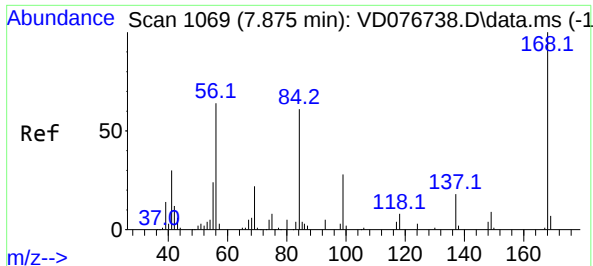
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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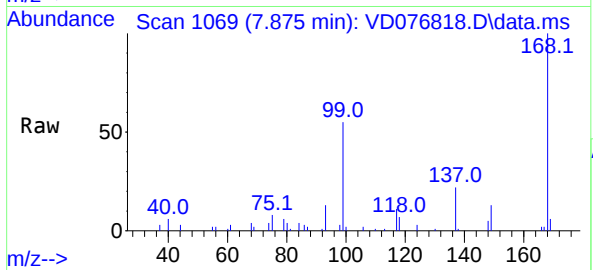
Quant Time: Jul 27 04:27:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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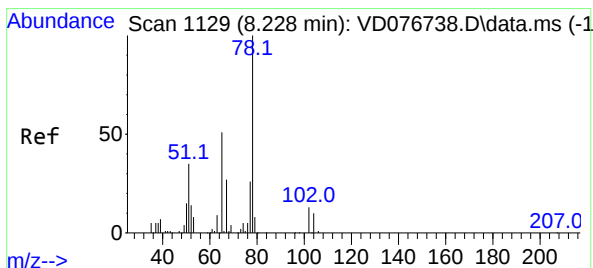
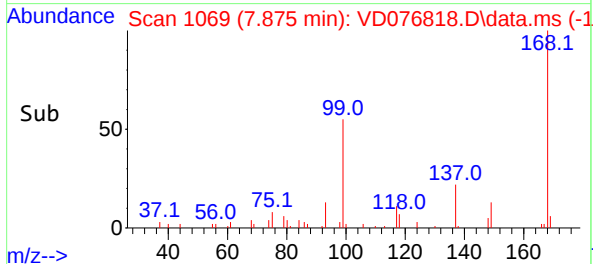
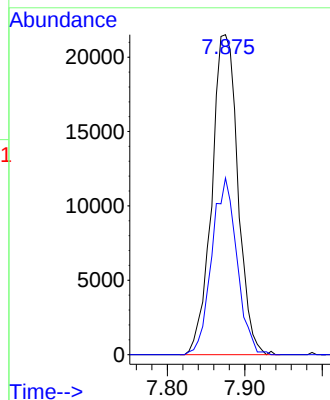


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :
TR-5-072423

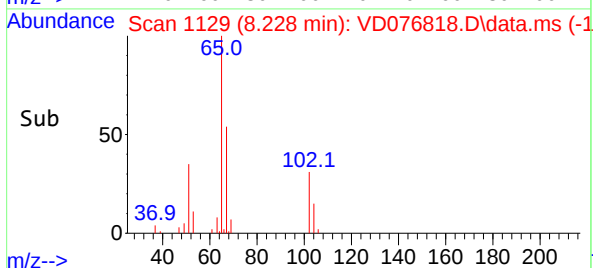
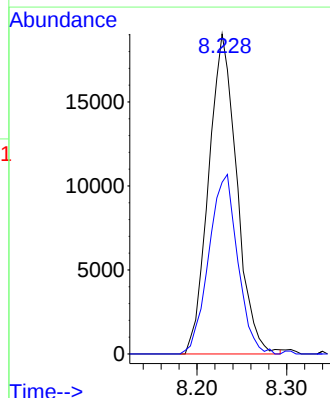
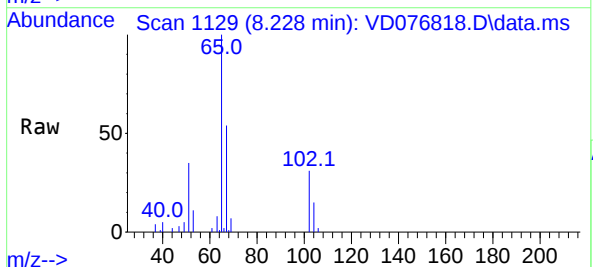


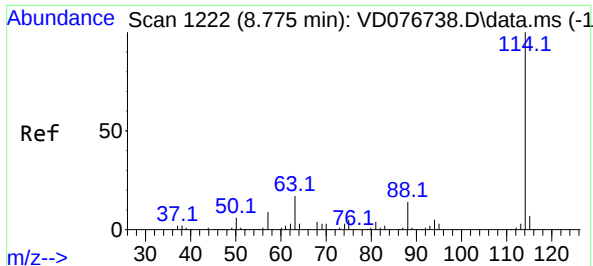
Tgt Ion:168 Resp: 50305
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 82.983 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion: 65 Resp: 41579
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0

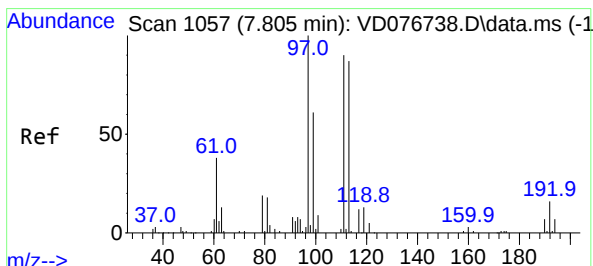
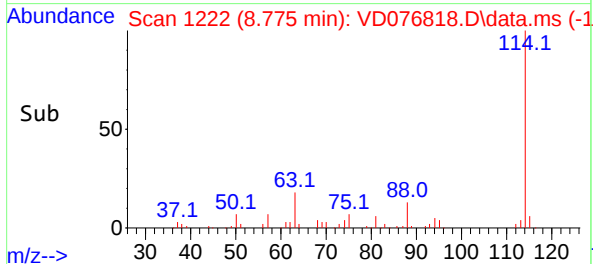
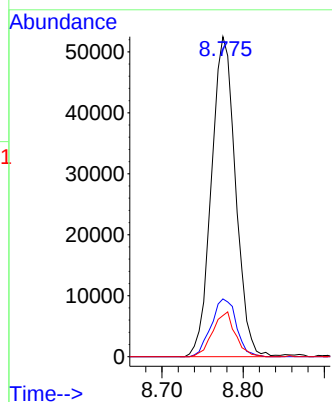
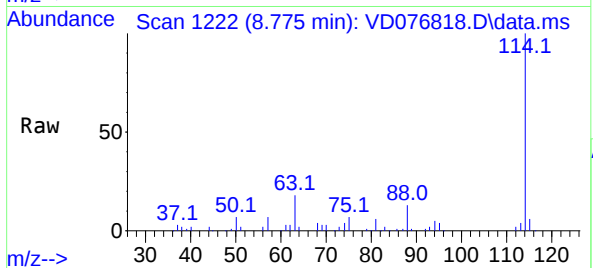




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

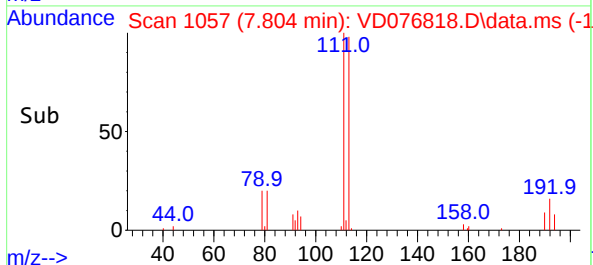
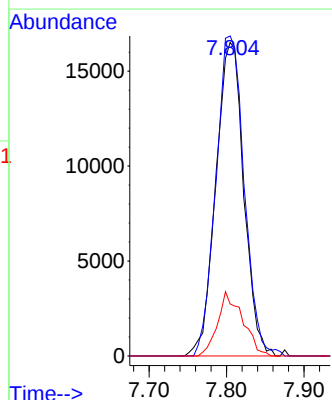
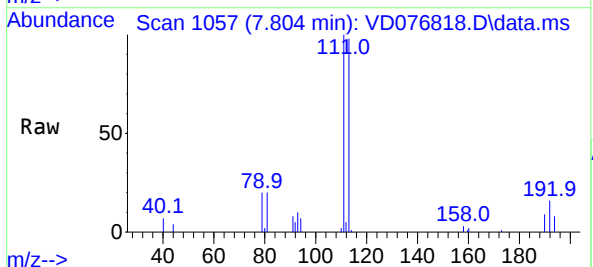
Instrument :
MSVOA_D
ClientSampleId :
TR-5-072423

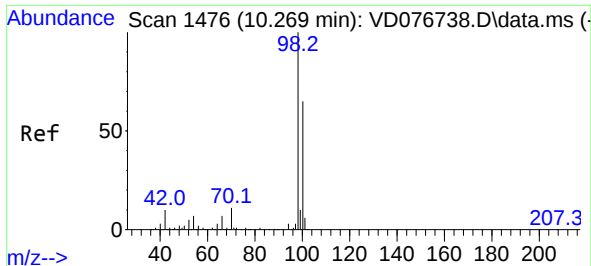
Tgt Ion:114 Resp: 108370
Ion Ratio Lower Upper
114 100
63 18.0 0.0 33.4
88 12.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 60.682 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion:113 Resp: 41325
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.4 16.8 25.2

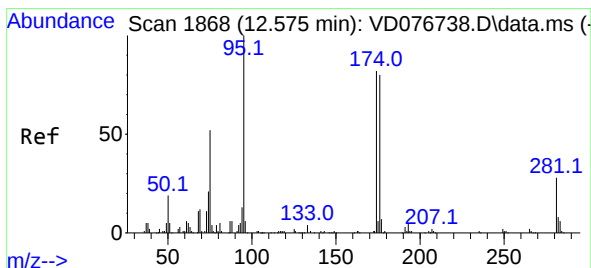
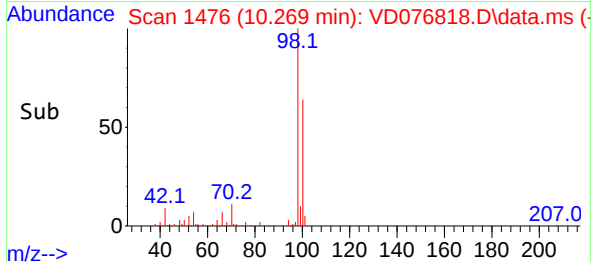
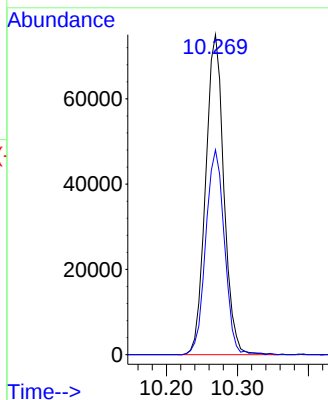
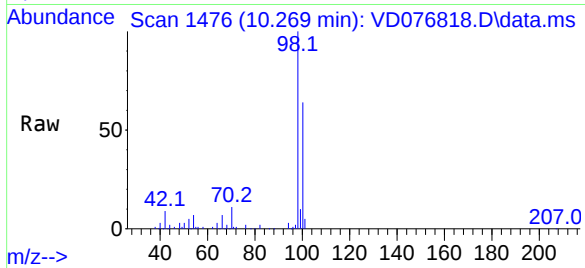




#50
Toluene-d8
Concen: 54.948 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

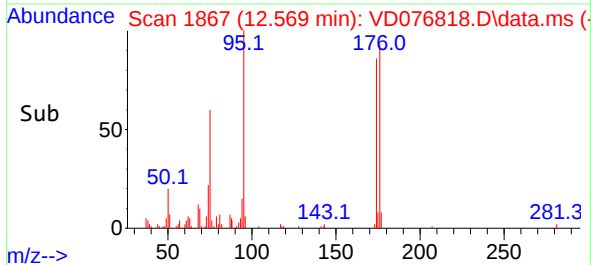
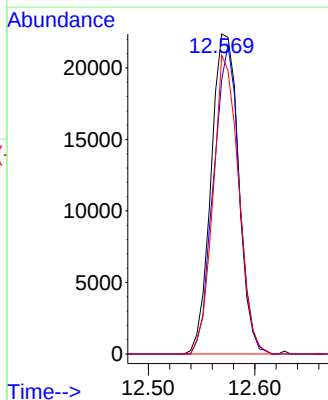
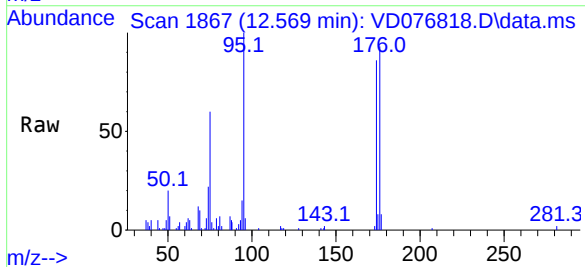
Instrument :
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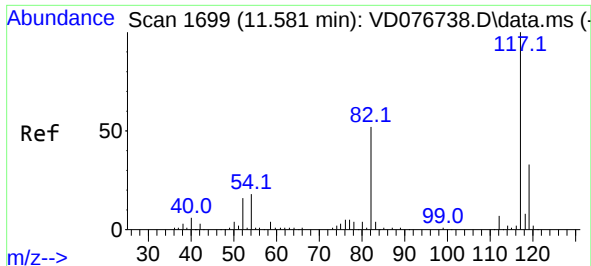
Tgt Ion: 98 Resp: 133866
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.786 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion: 95 Resp: 40025
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 86.6 0.0 191.8

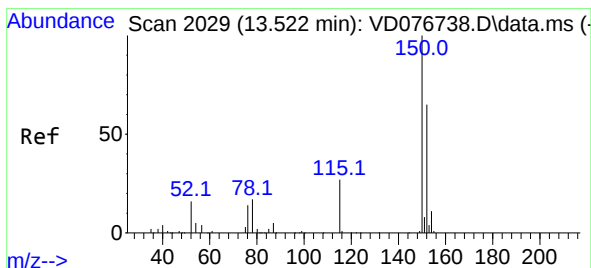
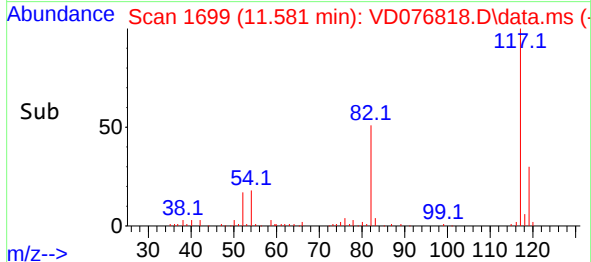
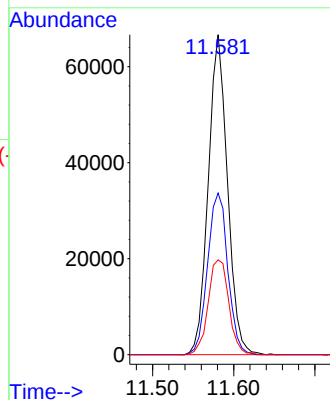
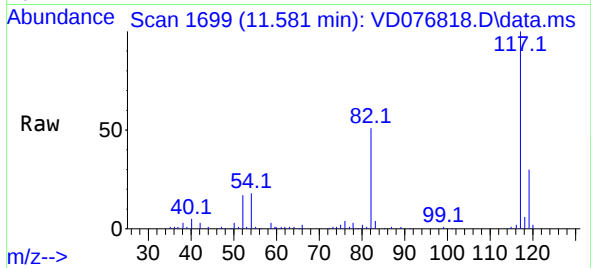




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :
TR-5-072423

Tgt Ion:117 Resp: 109444
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 29.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion:152 Resp: 49318
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 162.1 0.0 353.6

