

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076754.D
 Acq On : 17 Jul 2023 15:01
 Operator : KP/SY
 Sample : 03645-04
 Misc : 5.67G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-(0.5-2.0)

Quant Time: Jul 18 01:23:29 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)

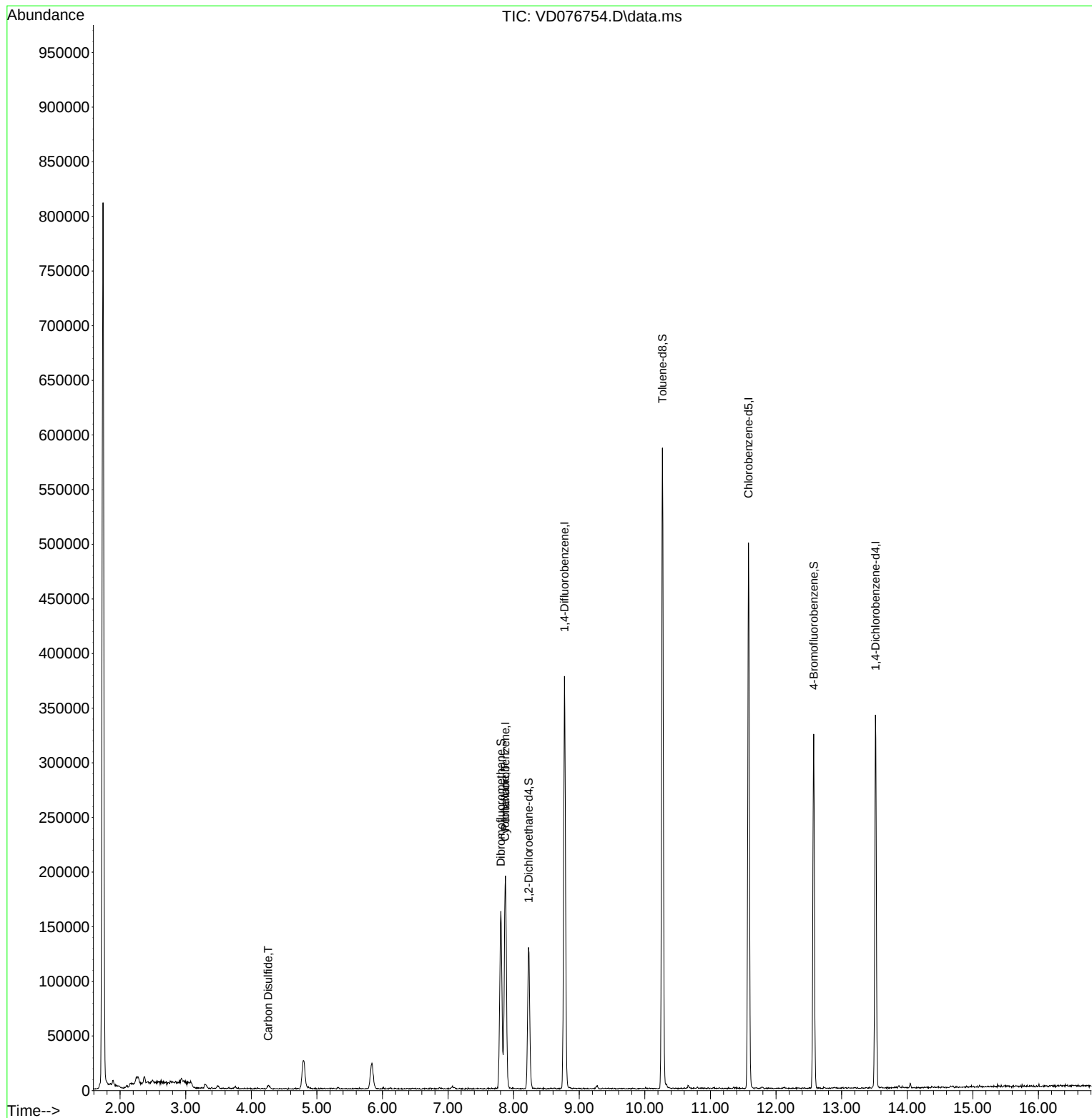
Internal Standards						
1) Pentafluorobenzene	7.875	168	151025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	92343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98541	65.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.020%
35) Dibromofluoromethane	7.805	113	118036	55.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.740%
50) Toluene-d8	10.269	98	418205	54.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.680%
62) 4-Bromofluorobenzene	12.575	95	100296	40.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.320%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.258	76	5724	1.642	ug/l #	76
31) Cyclohexane	7.869	56	3656	1.651	ug/l #	46

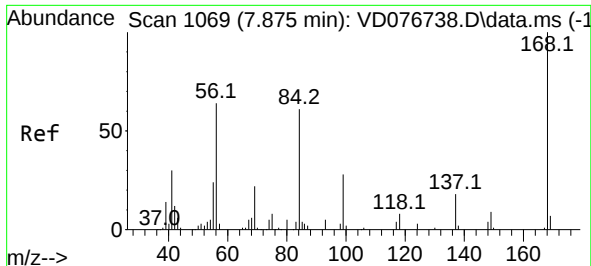
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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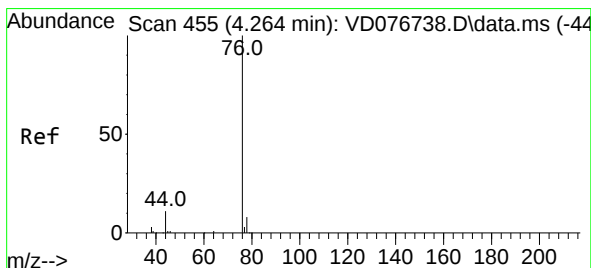
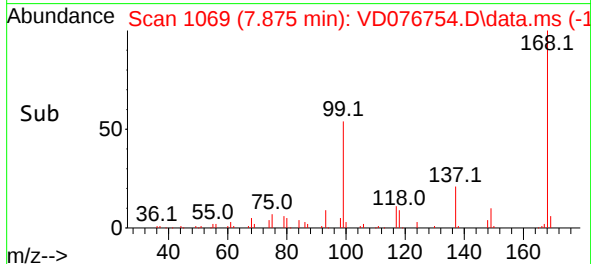
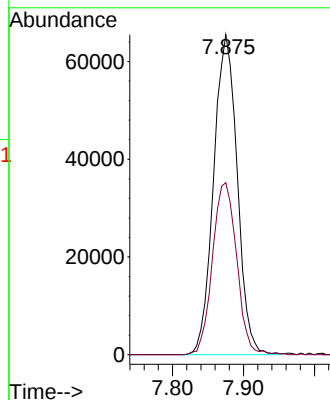
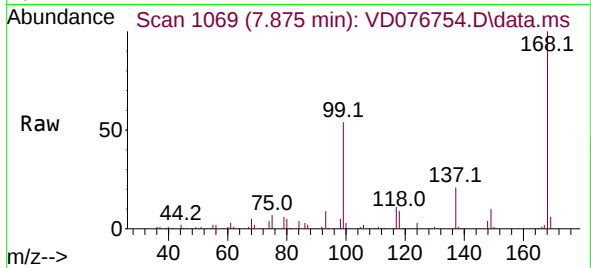




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

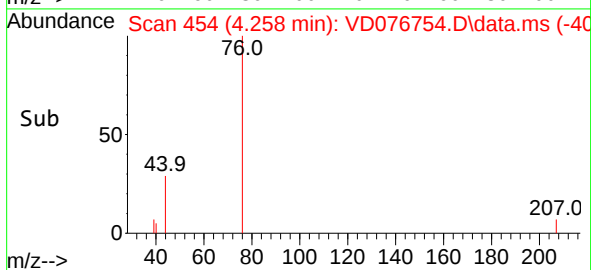
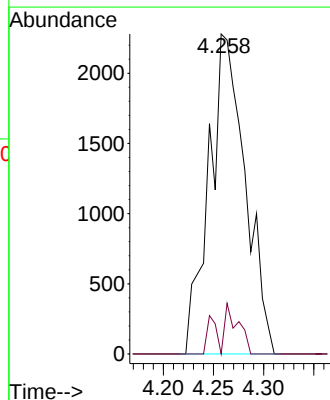
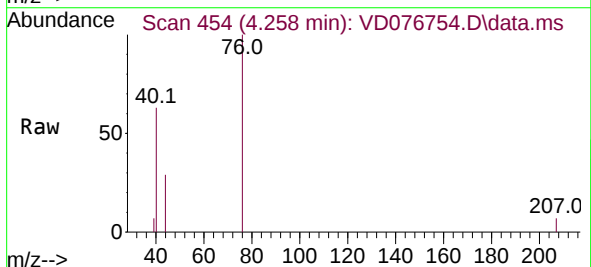
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

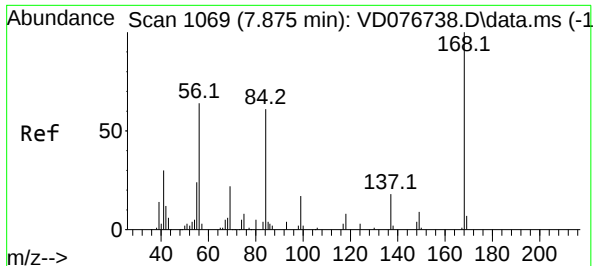
Tgt Ion:168 Resp: 151025
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#17
Carbon Disulfide
Concen: 1.642 ug/l
RT: 4.258 min Scan# 454
Delta R.T. -0.006 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 76 Resp: 5724
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

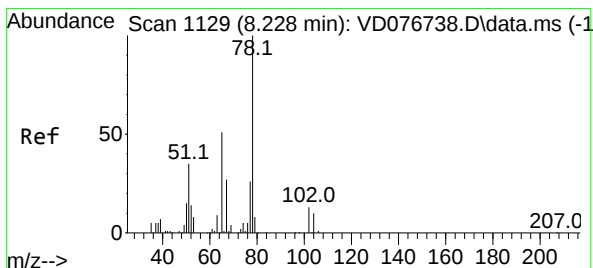
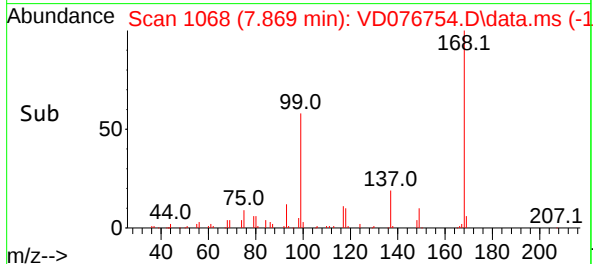
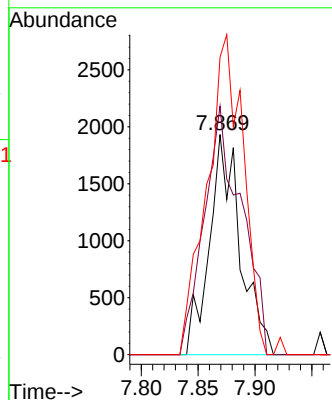
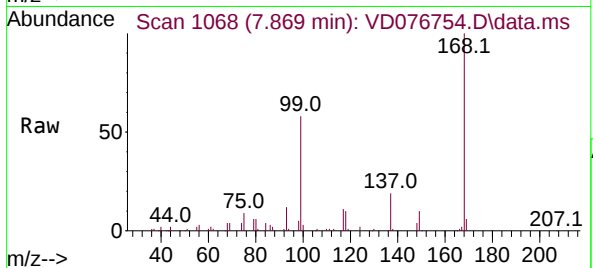




#31
Cyclohexane
Concen: 1.651 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

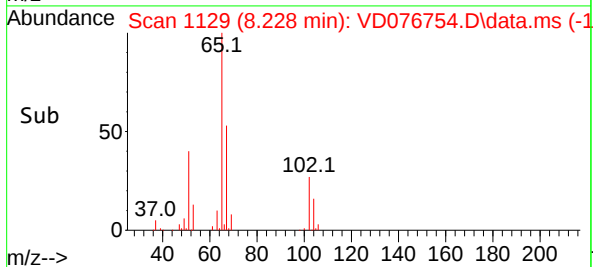
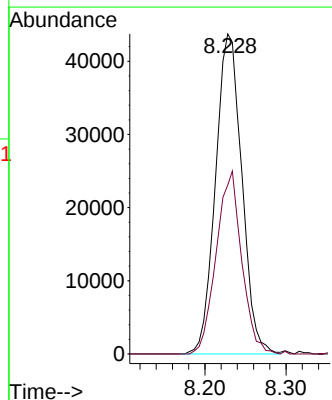
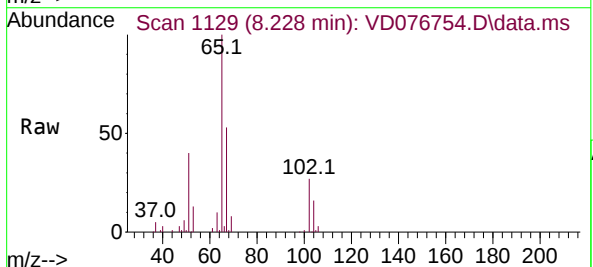
Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

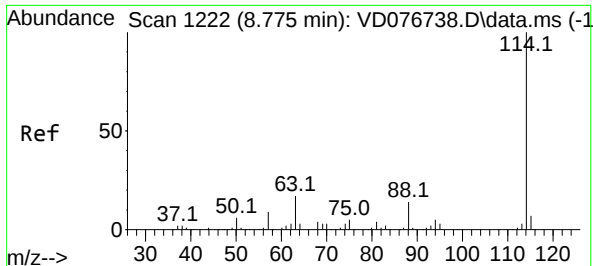
Tgt Ion: 56 Resp: 3656
Ion Ratio Lower Upper
56 100
69 112.8 28.6 43.0#
84 135.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 65.508 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 65 Resp: 98541
Ion Ratio Lower Upper
65 100
67 55.2 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: VD076754.D

Acq: 17 Jul 2023 15:01

Instrument :

MSVOA_D

ClientSampleId :

SB-08-(0.5-2.0)

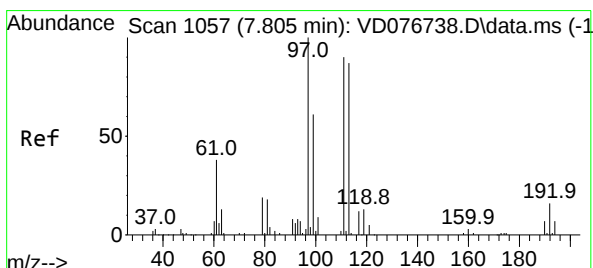
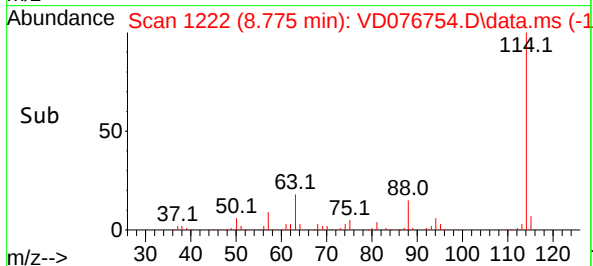
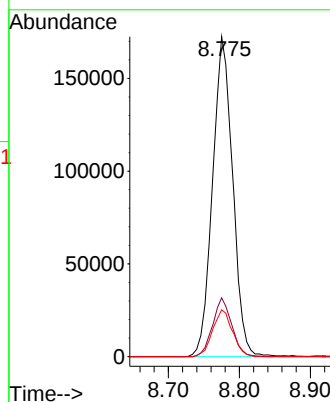
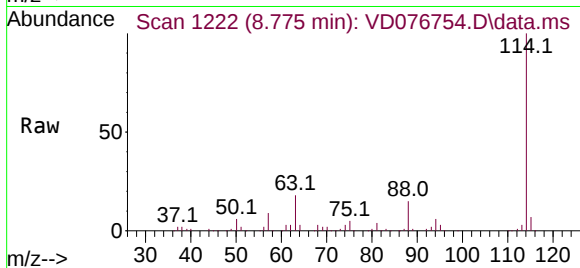
Tgt Ion:114 Resp: 339221

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 55.372 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076754.D

Acq: 17 Jul 2023 15:01

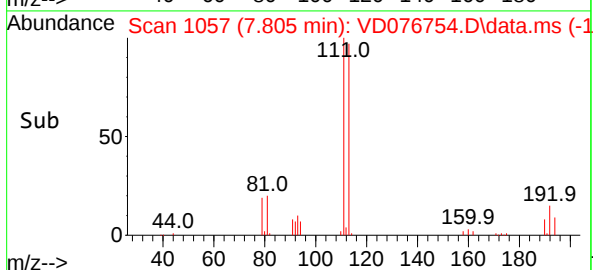
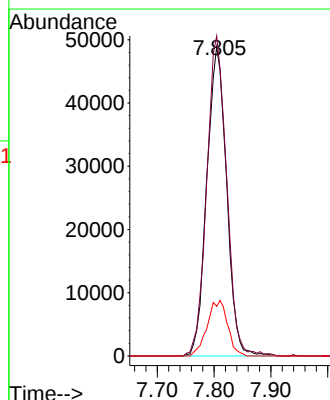
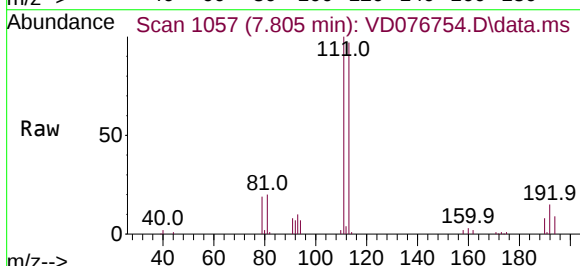
Tgt Ion:113 Resp: 118036

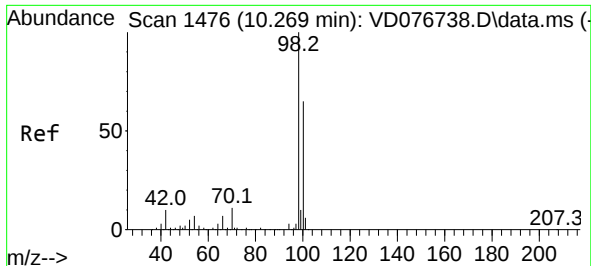
Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 18.5 16.8 25.2

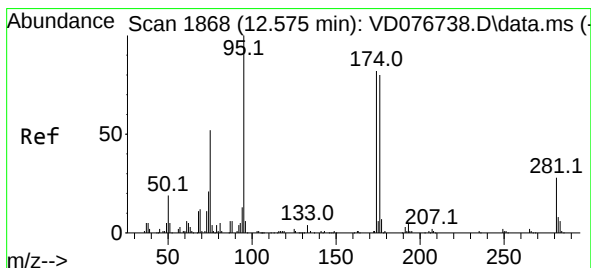
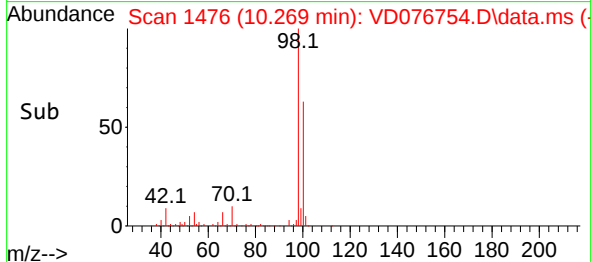
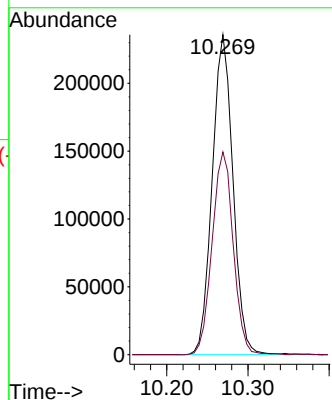
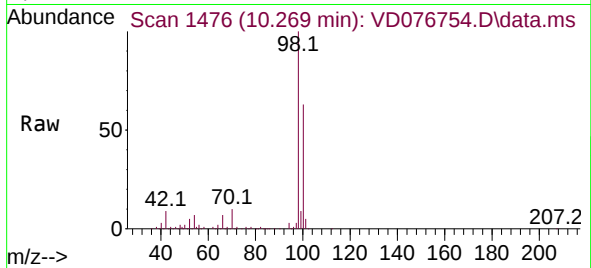




#50
Toluene-d8
Concen: 54.840 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

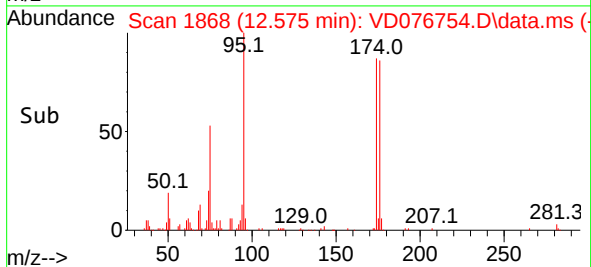
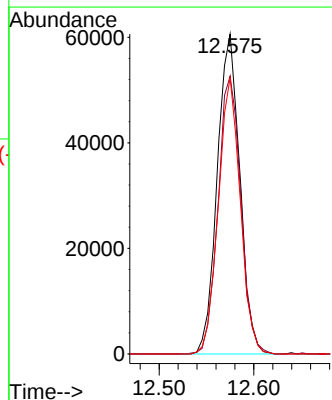
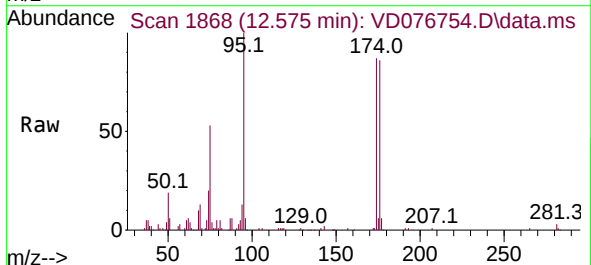
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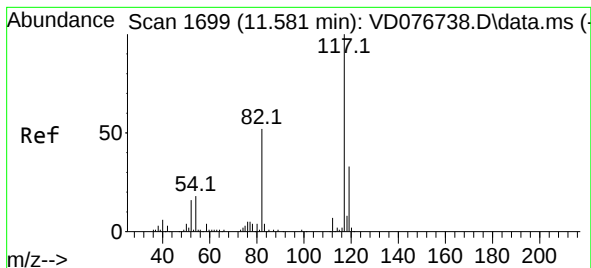
Tgt Ion: 98 Resp: 418205
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.656 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion: 95 Resp: 100296
Ion Ratio Lower Upper
95 100
174 87.6 0.0 201.8
176 83.7 0.0 191.8

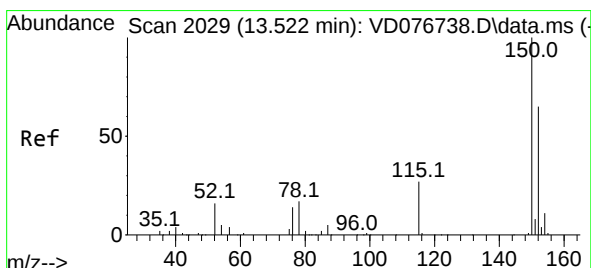
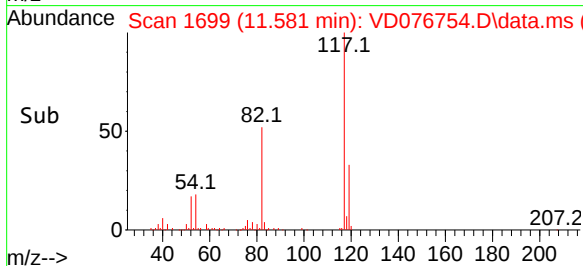
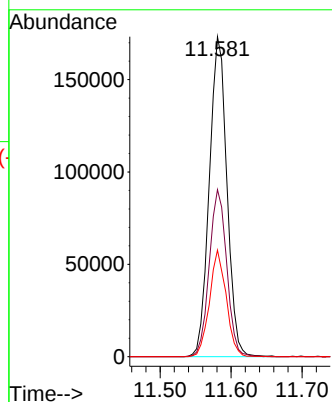
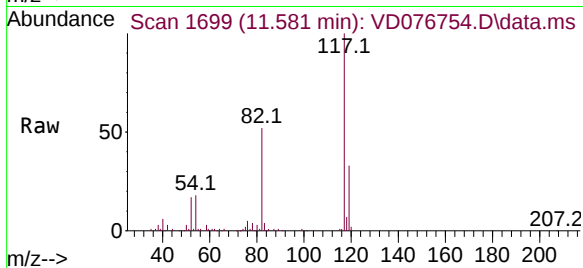




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076754.D
Acq: 17 Jul 2023 15:01

Instrument :
MSVOA_D
ClientSampleId :
SB-08-(0.5-2.0)

Tgt Ion:117 Resp: 298250
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 33.3 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: VD076754.D
Acq: 17 Jul 2023 15:01

Tgt Ion:152 Resp: 92343
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 154.5 0.0 353.6

