

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076756.D
 Acq On : 17 Jul 2023 15:57
 Operator : KP/SY
 Sample : 03645-06
 Misc : 4.92G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-(0.5-2.0)

Quant Time: Jul 18 01:23:46 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)

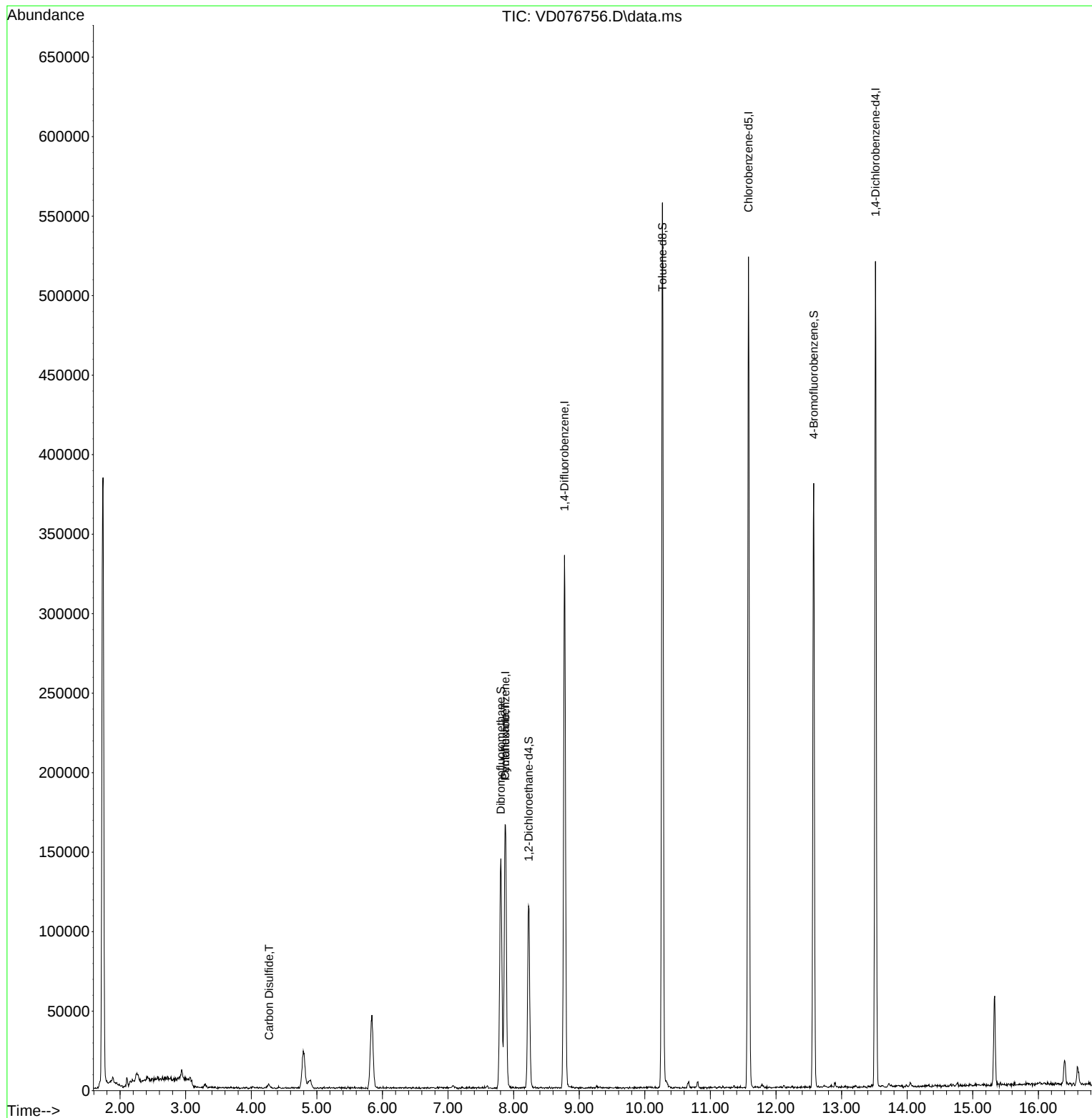
Internal Standards						
1) Pentafluorobenzene	7.875	168	133536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	89308	67.146	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.300%
35) Dibromofluoromethane	7.805	113	106337	54.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.980%
50) Toluene-d8	10.269	98	391530	56.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.160%
62) 4-Bromofluorobenzene	12.575	95	120848	53.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.020%
Target Compounds						
						Qvalue
17) Carbon Disulfide	4.269	76	4012	1.302	ug/l #	94
31) Cyclohexane	7.869	56	3387	1.730	ug/l #	35

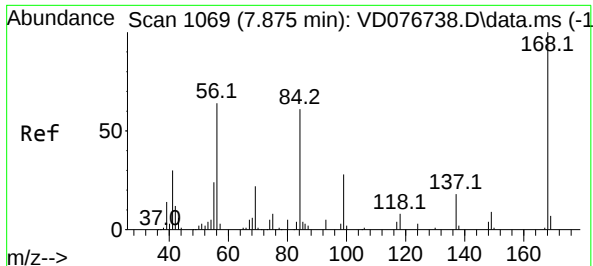
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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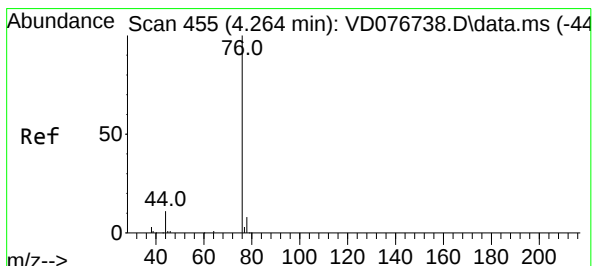
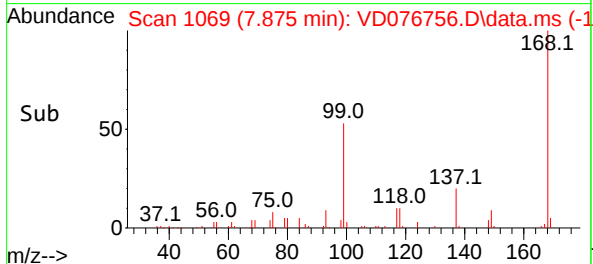
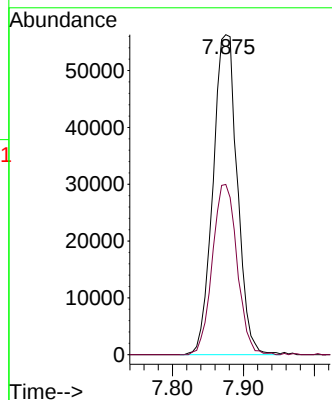
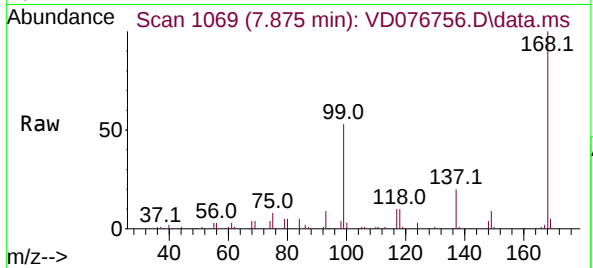




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

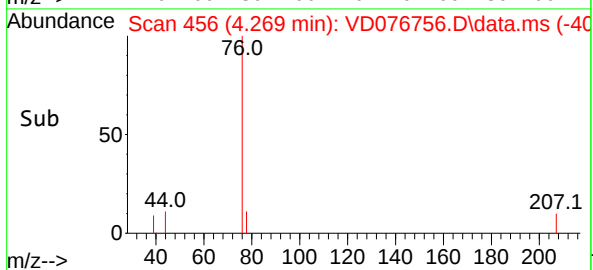
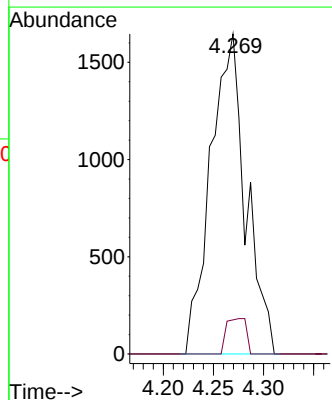
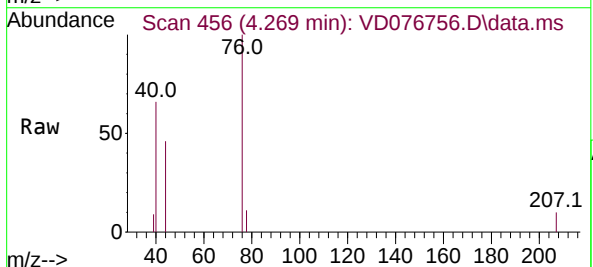
Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

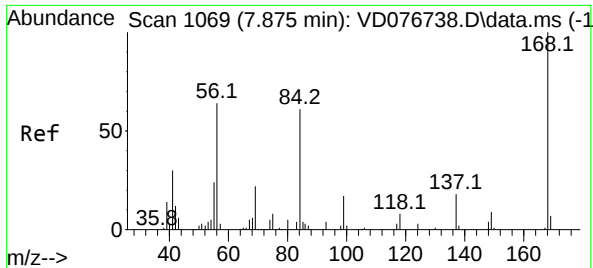
Tgt Ion:168 Resp: 133536
Ion Ratio Lower Upper
168 100
99 53.2 36.7 55.1



#17
Carbon Disulfide
Concen: 1.302 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

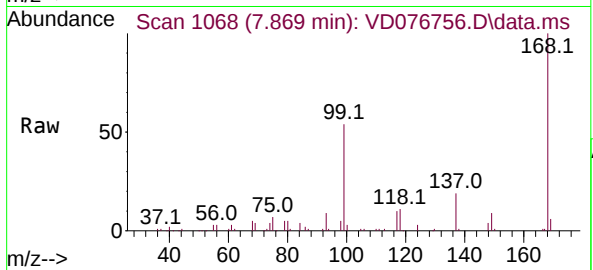
Tgt Ion: 76 Resp: 4012
Ion Ratio Lower Upper
76 100
78 10.7 6.8 10.2#



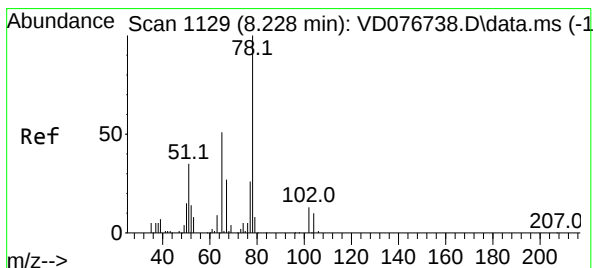
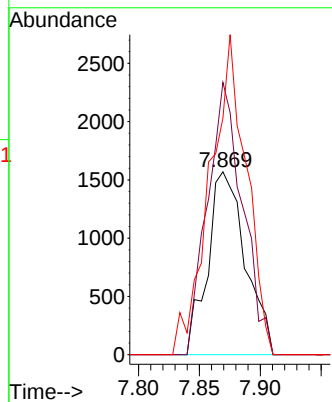
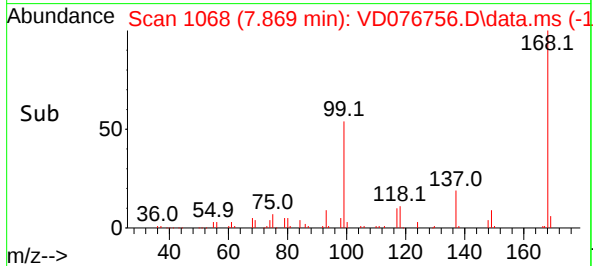


#31
Cyclohexane
Concen: 1.730 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

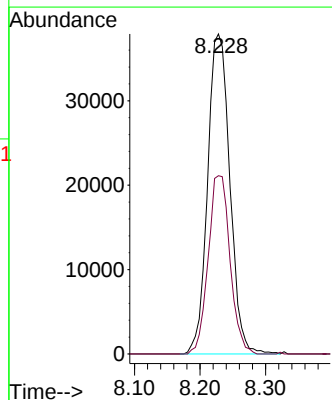
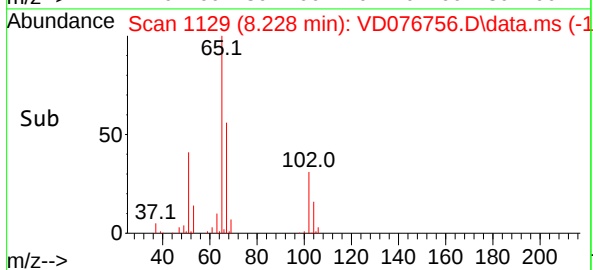
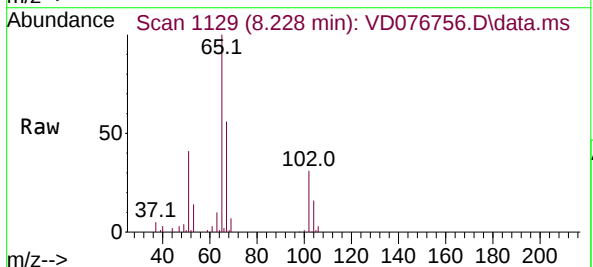


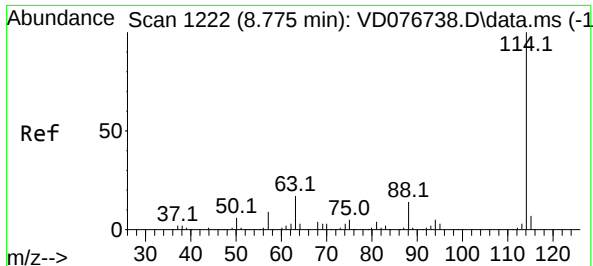
Tgt Ion: 56 Resp: 3387
Ion Ratio Lower Upper
56 100
69 148.9 28.6 43.0#
84 129.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 67.146 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 65 Resp: 89308
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0

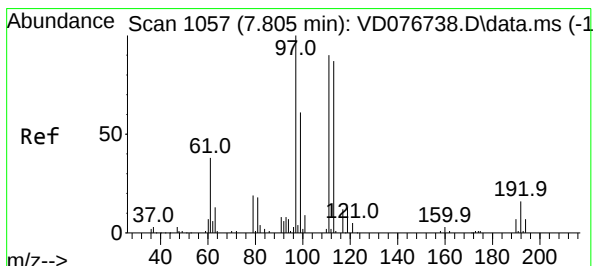
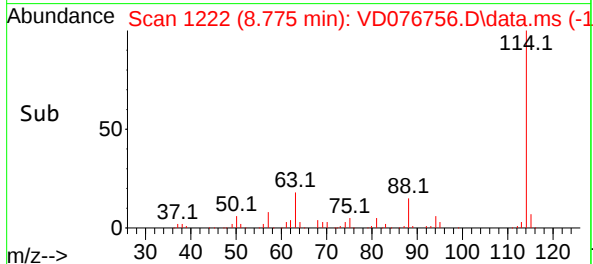
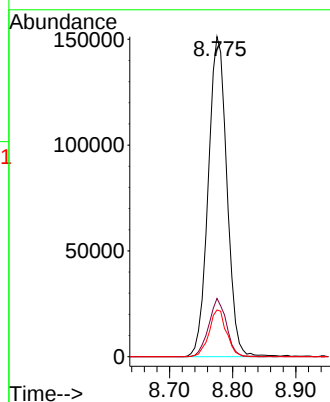
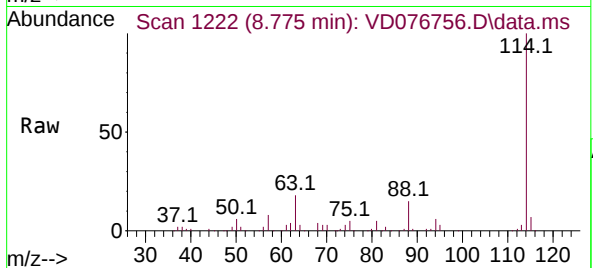




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

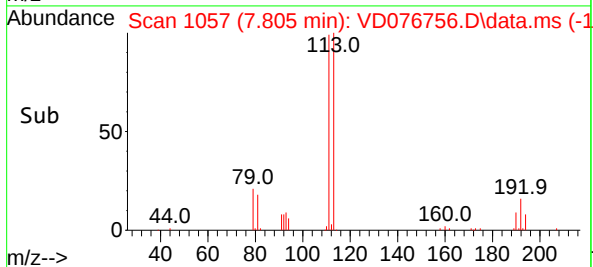
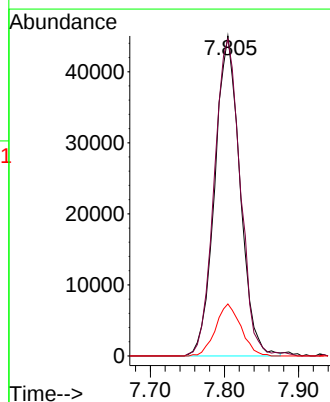
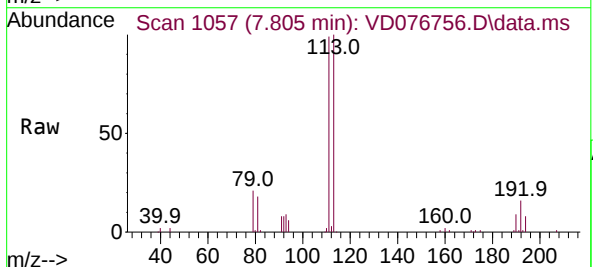
Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

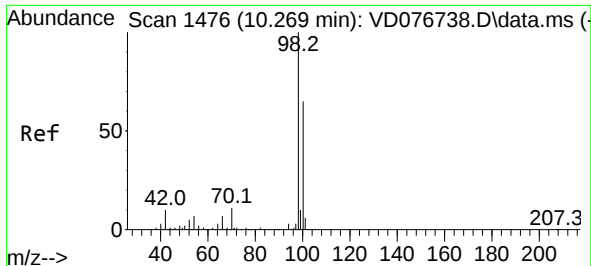
Tgt Ion:114 Resp: 310537
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.492 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion:113 Resp: 106337
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 16.3 16.8 25.2#

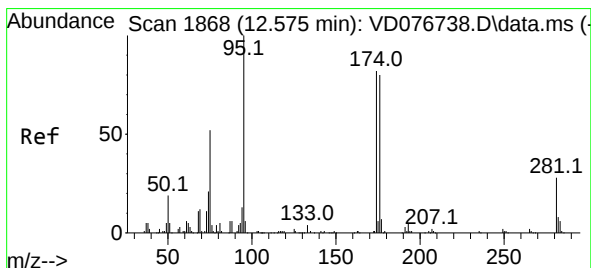
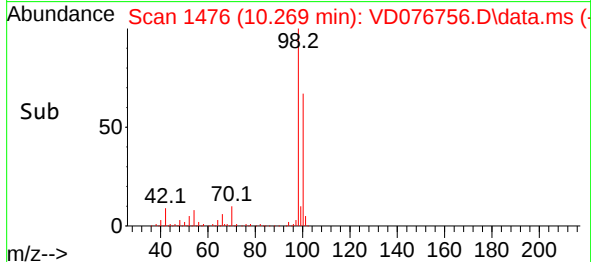
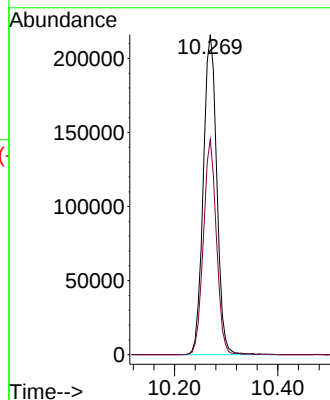
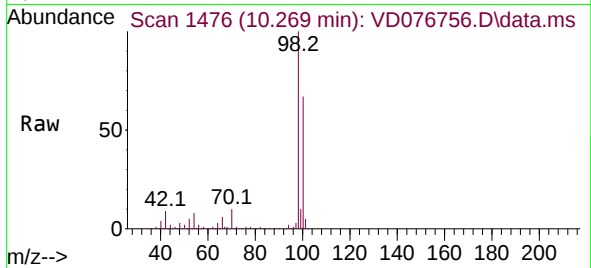




#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

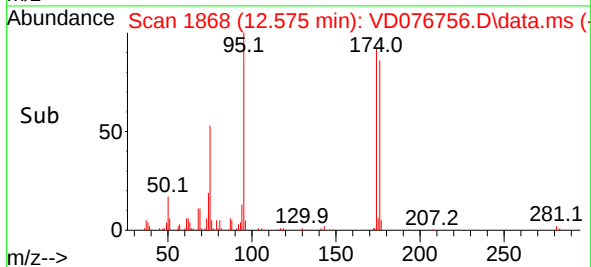
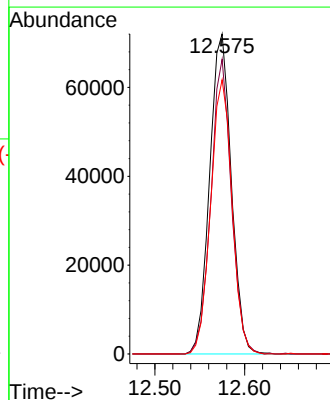
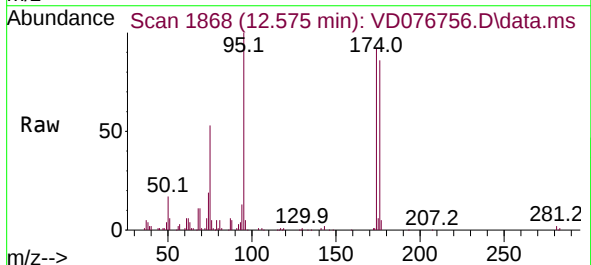
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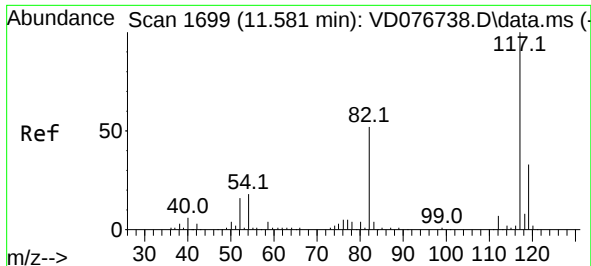
Tgt Ion: 98 Resp: 391530
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.511 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion: 95 Resp: 120848
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 84.5 0.0 191.8

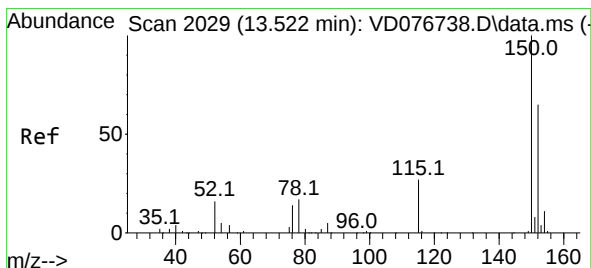
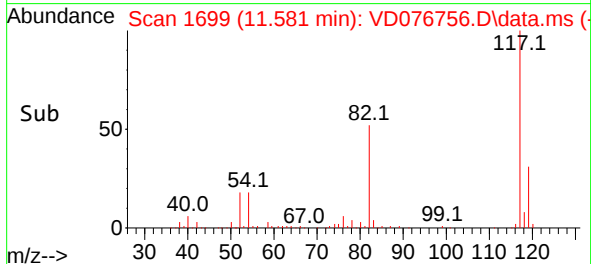
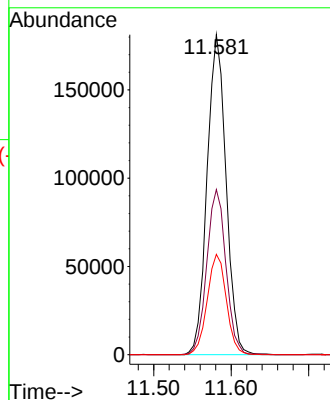
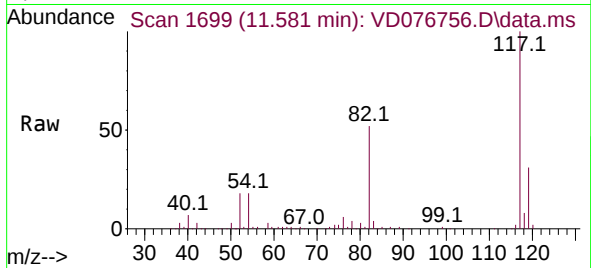




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076756.D
Acq: 17 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
SB-10-(0.5-2.0)

Tgt Ion:117 Resp: 307752
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 31.4 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: VD076756.D
Acq: 17 Jul 2023 15:57

Tgt Ion:152 Resp: 139423
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 154.5 0.0 353.6

