

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076518.D
 Acq On : 21 Jun 2023 17:51
 Operator : KP/SY
 Sample : 03290-03
 Misc : 4.69G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Jun 22 02:01:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

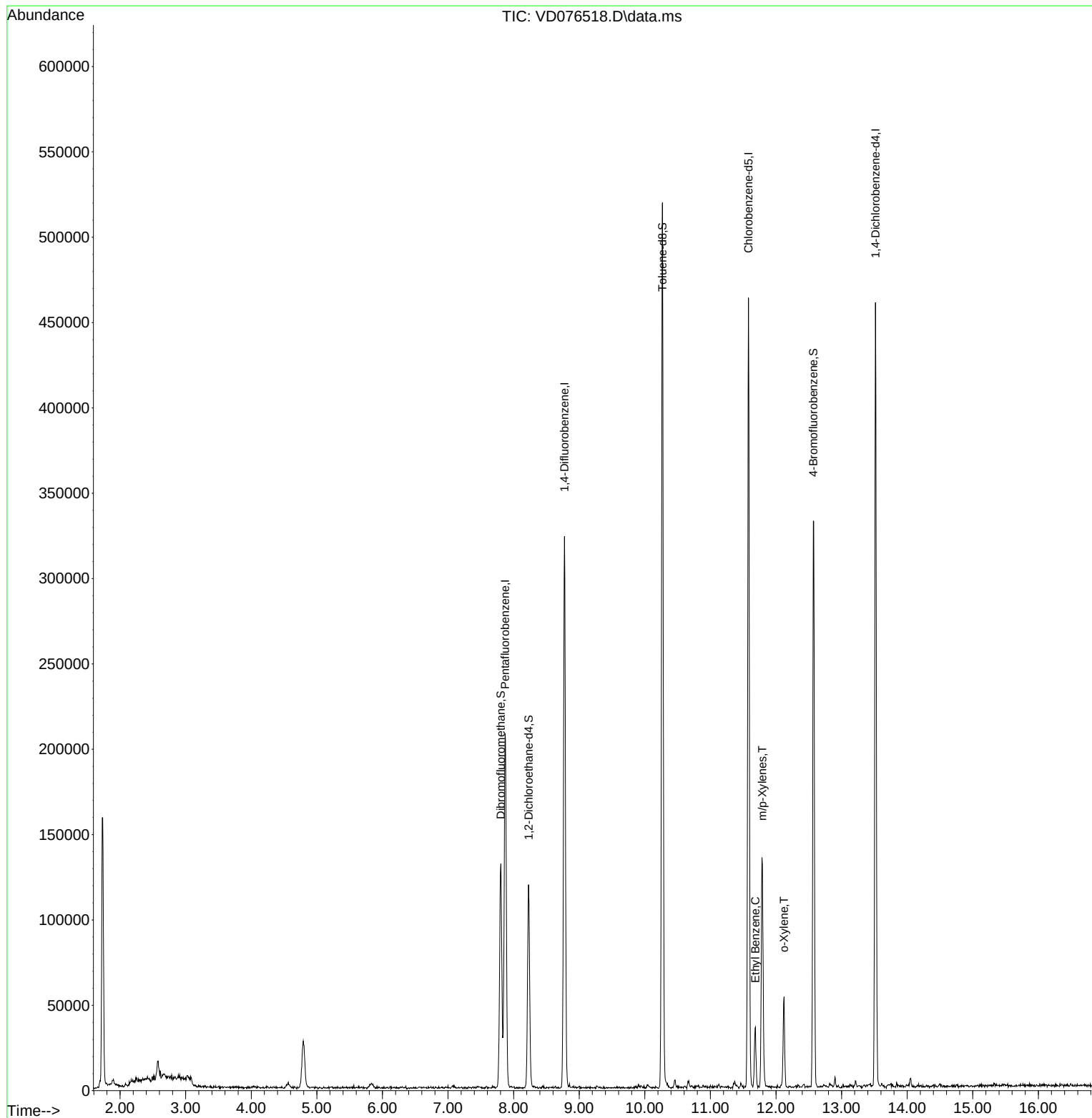
Internal Standards						
1) Pentafluorobenzene	7.869	168	165817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87228	52.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.000%	
35) Dibromofluoromethane	7.805	113	91834	54.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.240%	
50) Toluene-d8	10.269	98	348964	54.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.569	95	102072	48.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.740%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.687	91	25936	2.951	ug/l	91
68) m/p-Xylenes	11.793	106	42844	12.489	ug/l	92
69) o-Xylene	12.122	106	13893	4.254	ug/l	92

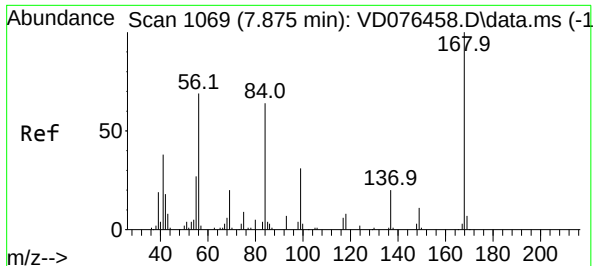
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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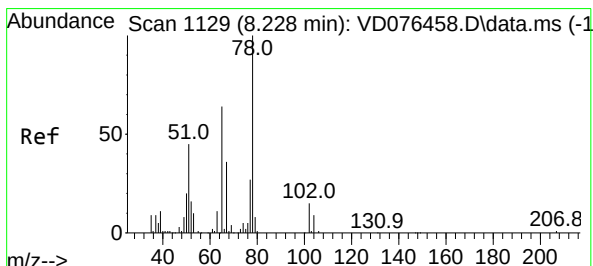
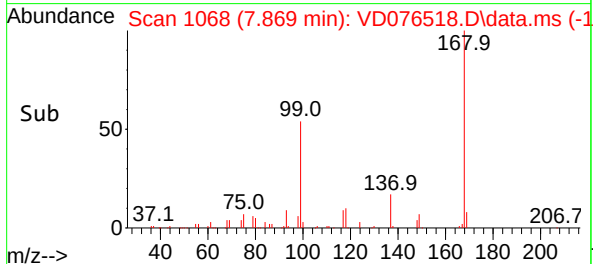
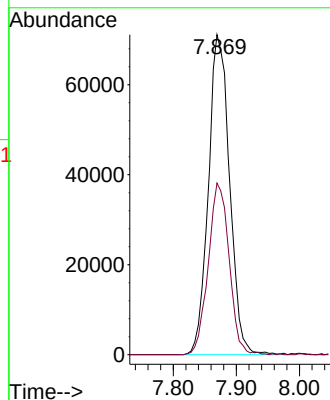
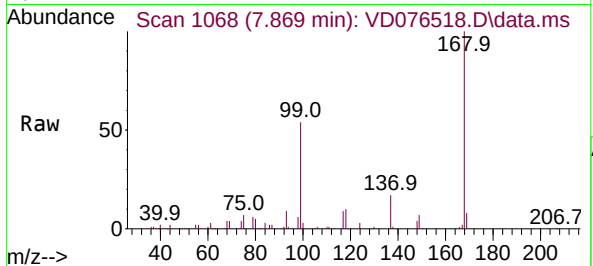




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

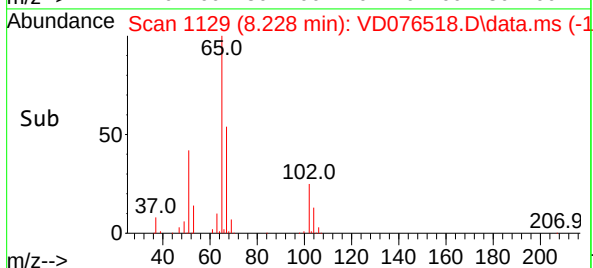
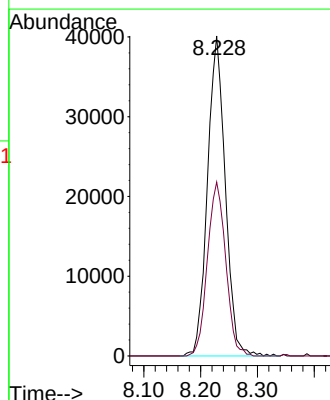
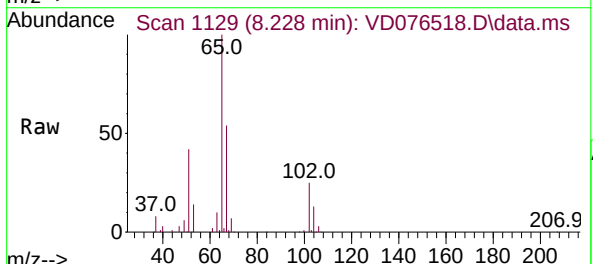
Instrument :
MSVOA_D
ClientSampleId :
SB-3

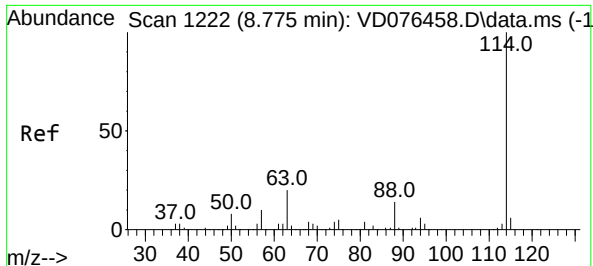
Tgt Ion:168 Resp: 165817
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.504 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

Tgt Ion: 65 Resp: 87228
Ion Ratio Lower Upper
65 100
67 55.7 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: VD076518.D

Acq: 21 Jun 2023 17:51

Instrument :

MSVOA_D

ClientSampleId :

SB-3

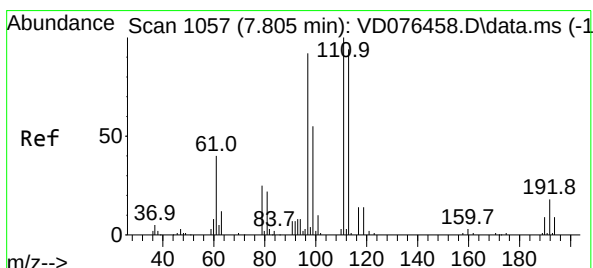
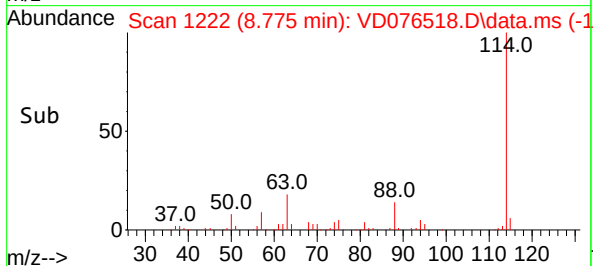
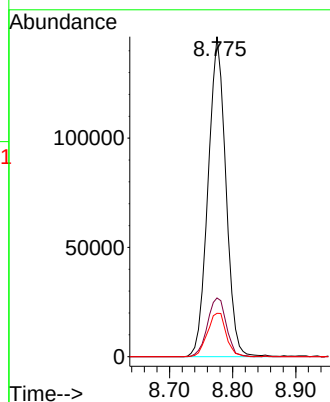
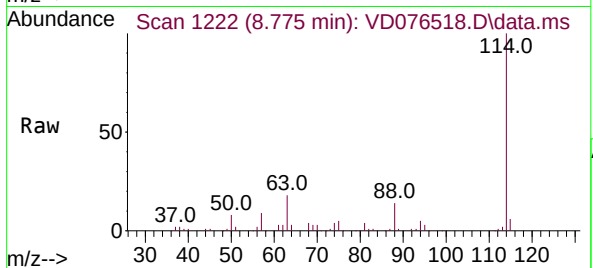
Tgt Ion:114 Resp: 285640

Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.119 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076518.D

Acq: 21 Jun 2023 17:51

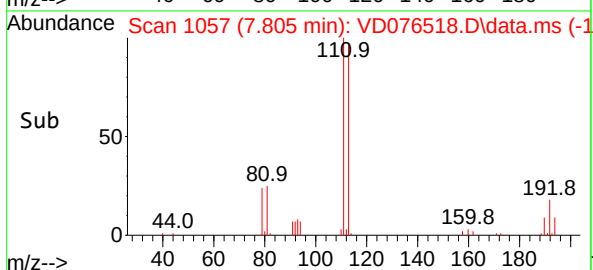
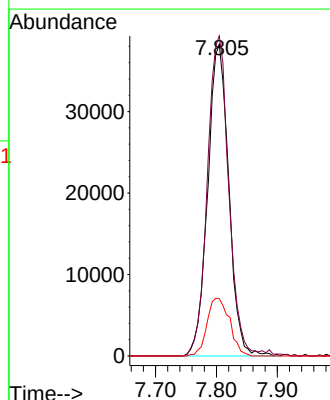
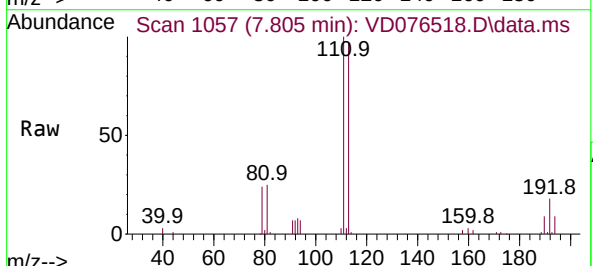
Tgt Ion:113 Resp: 91834

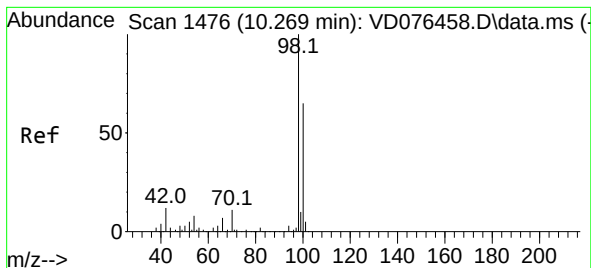
Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 19.8 16.8 25.2





#50

Toluene-d8

Concen: 54.226 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076518.D

Acq: 21 Jun 2023 17:51

Instrument :

MSVOA_D

ClientSampleId :

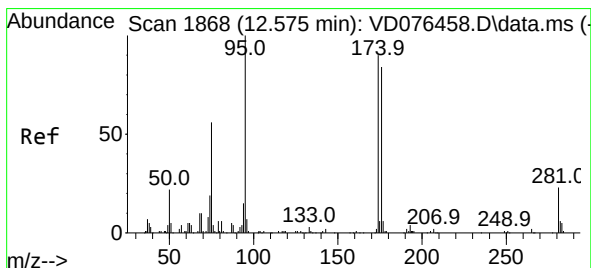
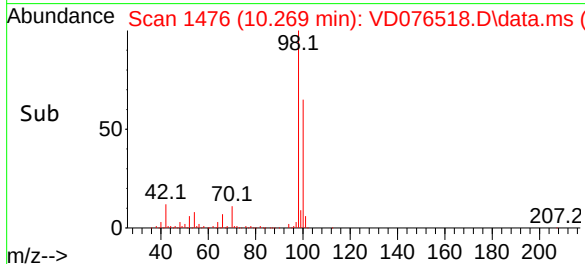
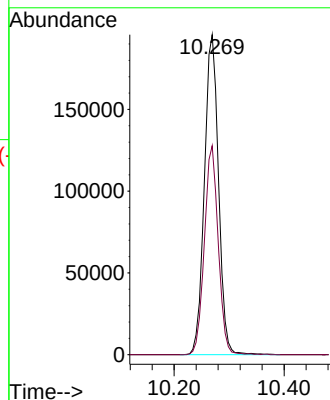
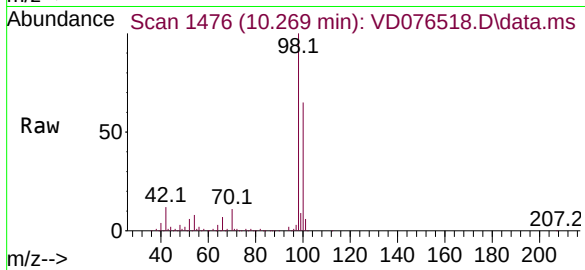
SB-3

Tgt Ion: 98 Resp: 348964

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 48.872 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076518.D

Acq: 21 Jun 2023 17:51

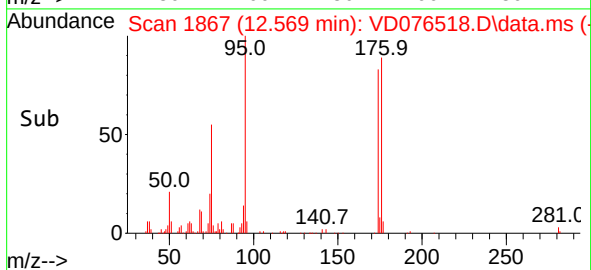
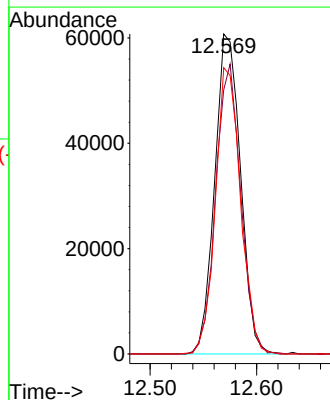
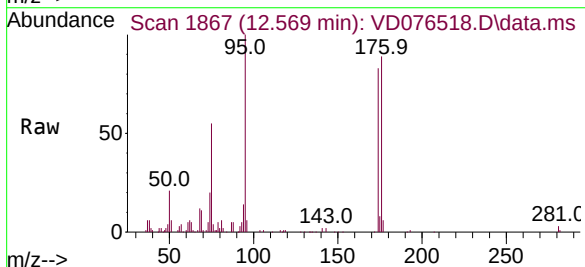
Tgt Ion: 95 Resp: 102072

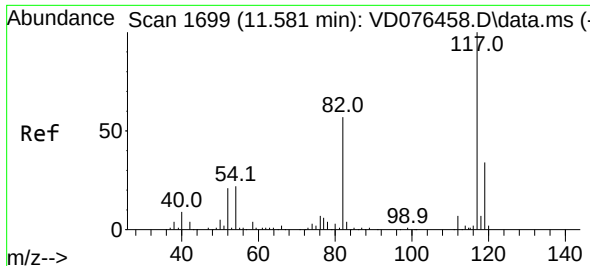
Ion Ratio Lower Upper

95 100

174 88.0 0.0 201.8

176 87.2 0.0 191.8

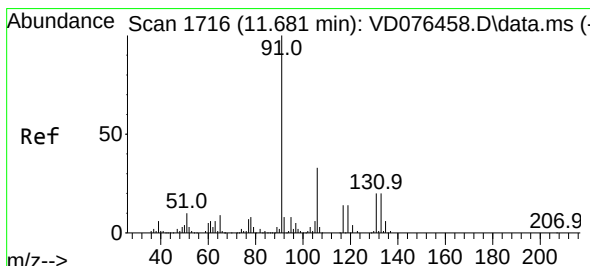
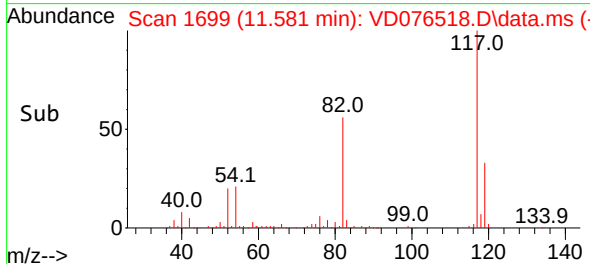
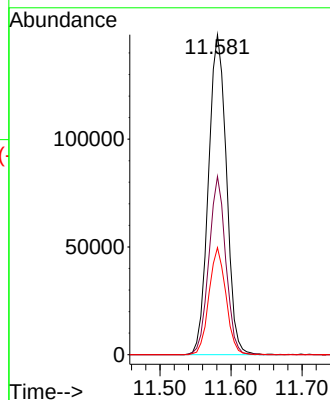
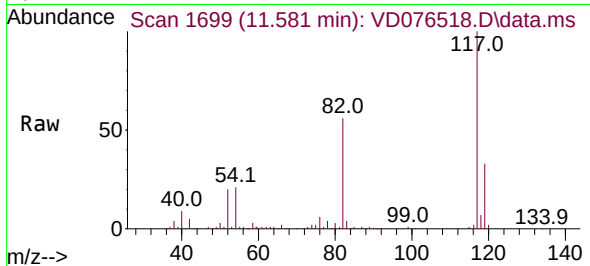




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

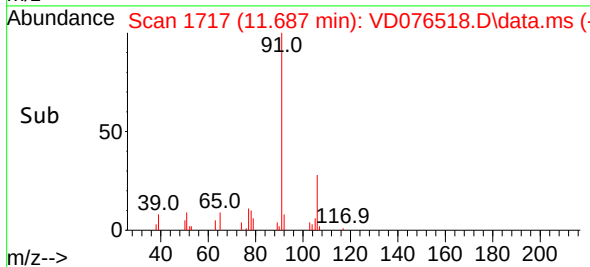
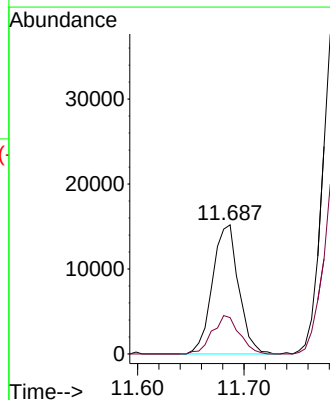
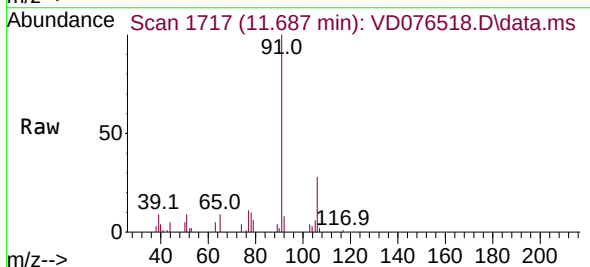
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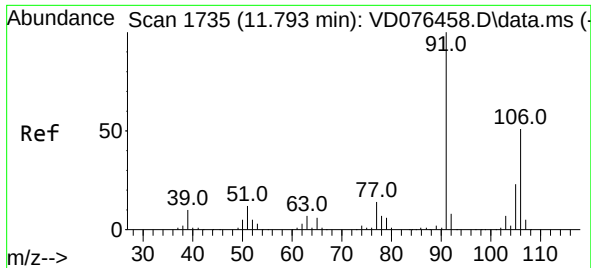
Tgt Ion:117 Resp: 261058
Ion Ratio Lower Upper
117 100
82 55.7 38.3 57.5
119 33.4 25.0 37.4



#67
Ethyl Benzene
Concen: 2.951 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

Tgt Ion: 91 Resp: 25936
Ion Ratio Lower Upper
91 100
106 28.1 26.5 39.7

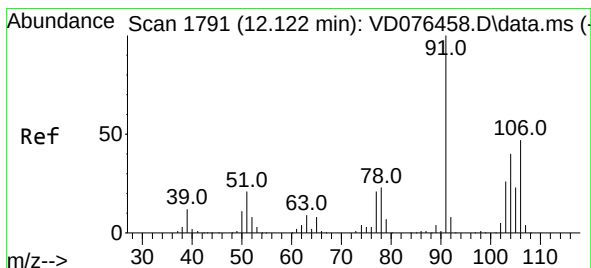
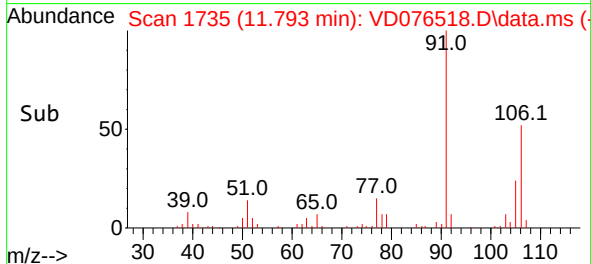
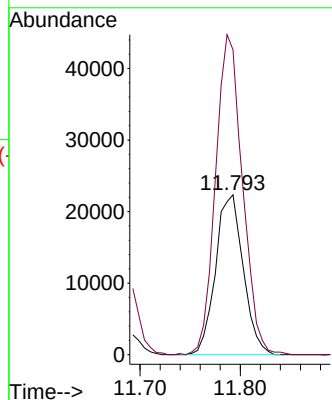
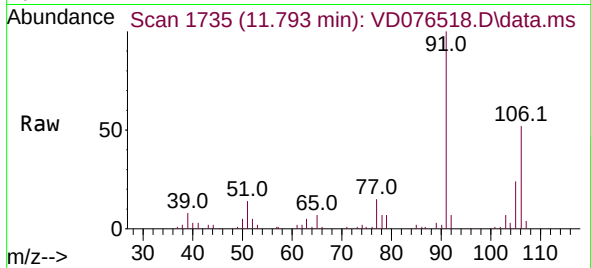




#68
m/p-Xylenes
Concen: 12.489 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

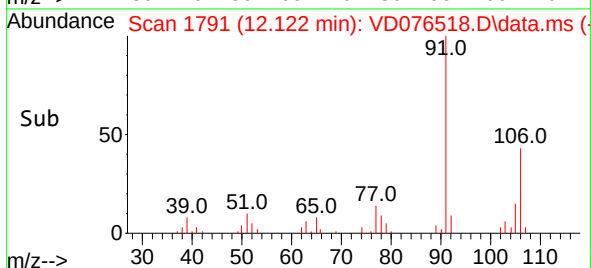
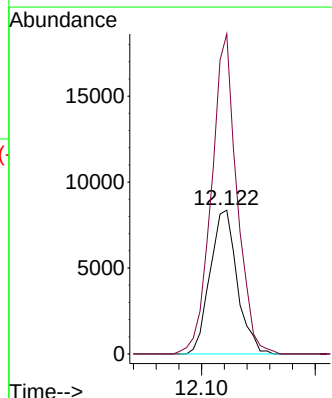
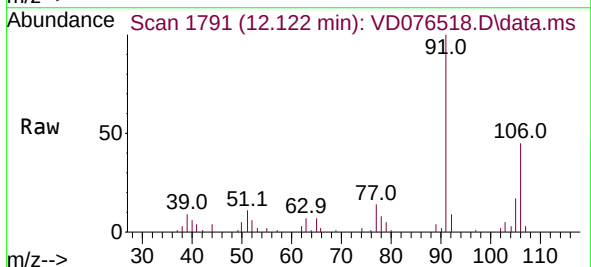
Instrument :
MSVOA_D
ClientSampleId :
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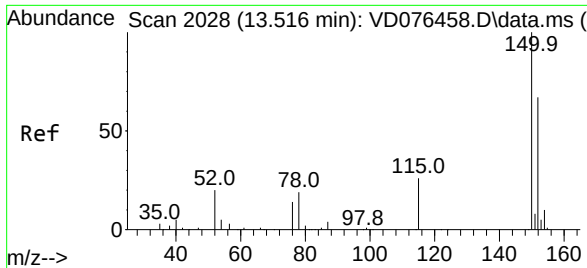
Tgt Ion:106 Resp: 42844
Ion Ratio Lower Upper
106 100
91 194.7 147.0 220.6



#69
o-Xylene
Concen: 4.254 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076518.D
Acq: 21 Jun 2023 17:51

Tgt Ion:106 Resp: 13893
Ion Ratio Lower Upper
106 100
91 208.3 97.9 293.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076518.D
 Acq: 21 Jun 2023 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tgt Ion:152 Resp: 115831
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 157.3 0.0 353.6

