

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076263.D
 Acq On : 26 May 2023 17:39
 Operator : KP/SY
 Sample : 02888-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MID2-44(10-11)

Quant Time: May 26 23:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

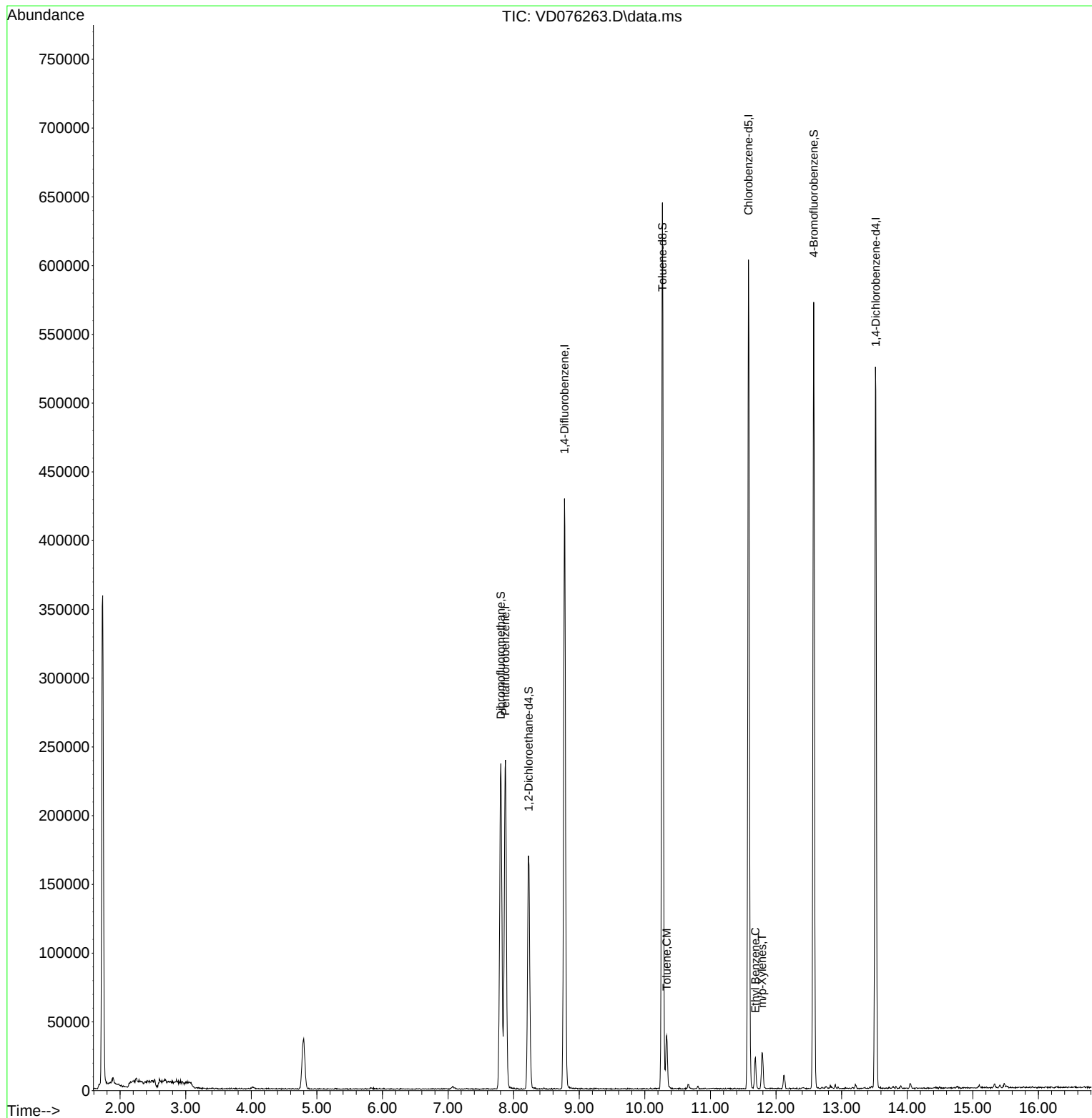
Internal Standards						
1) Pentafluorobenzene	7.875	168	196833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130379	68.536	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.080%			
35) Dibromofluoromethane	7.804	113	173636	62.285	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.560%			
50) Toluene-d8	10.269	98	469251	43.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 86.360%			
62) 4-Bromofluorobenzene	12.575	95	176579	58.493	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.980%			
Target Compounds						Qvalue
52) Toluene	10.334	92	17064	2.257	ug/l	91
67) Ethyl Benzene	11.687	91	16488	1.223	ug/l	97
68) m/p-Xylenes	11.787	106	9318	1.692	ug/l	92

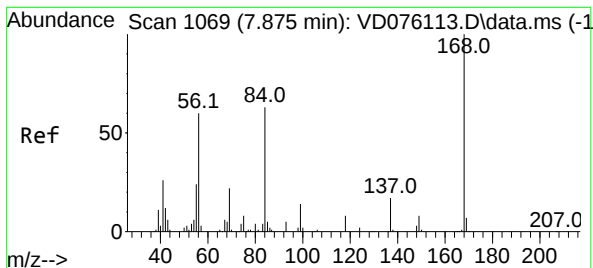
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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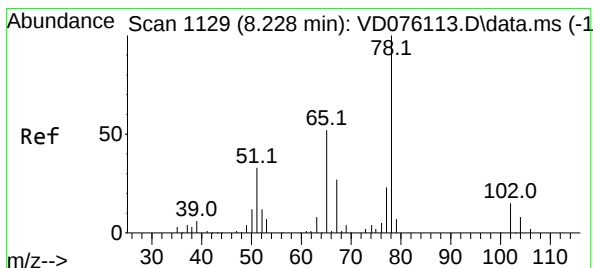
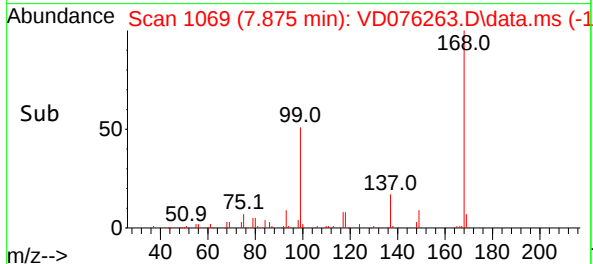
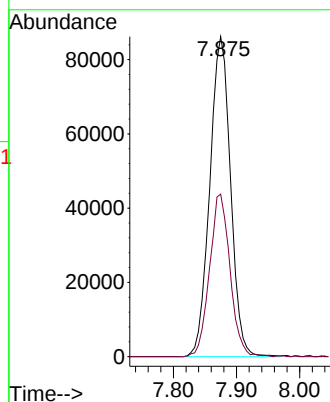
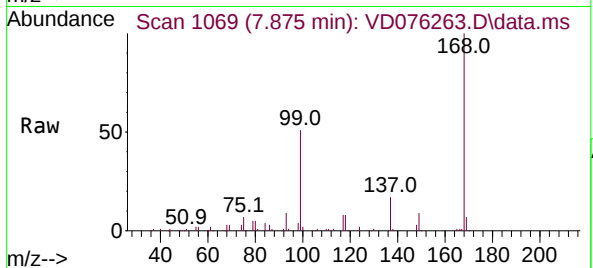




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

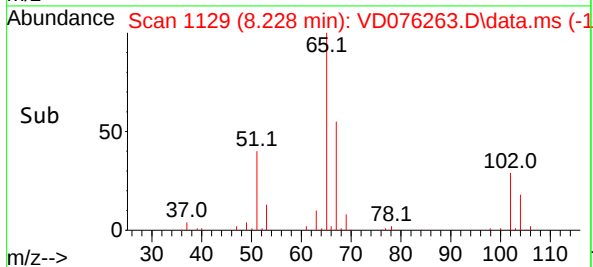
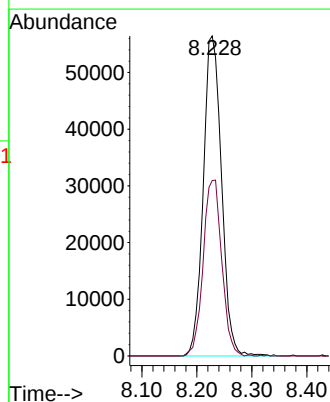
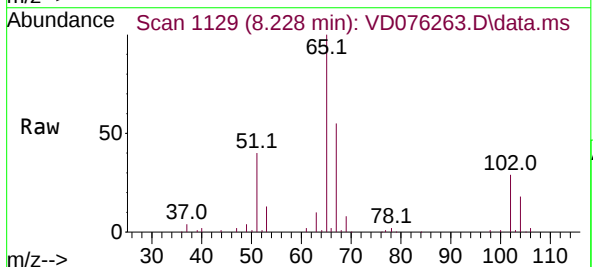
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

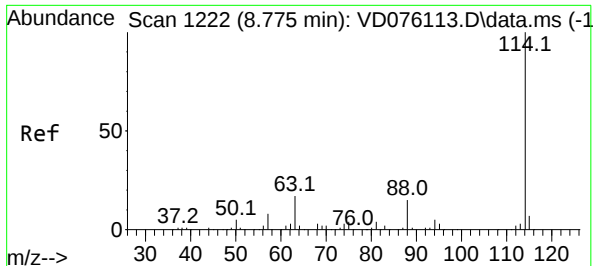
Tgt Ion:168 Resp: 196833
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 68.536 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 65 Resp: 130379
Ion Ratio Lower Upper
65 100
67 55.9 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076263.D

Acq: 26 May 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

MID2-44(10-11)

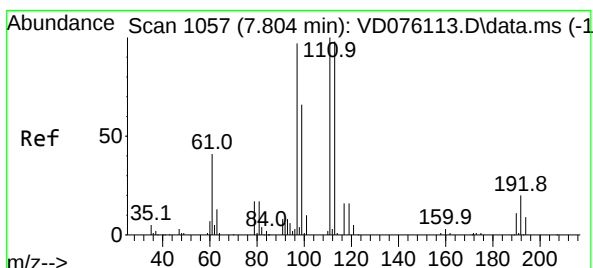
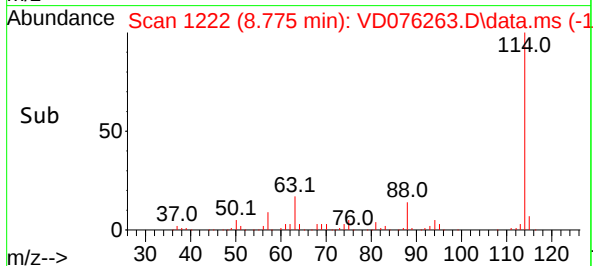
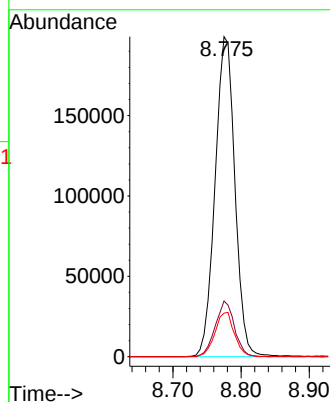
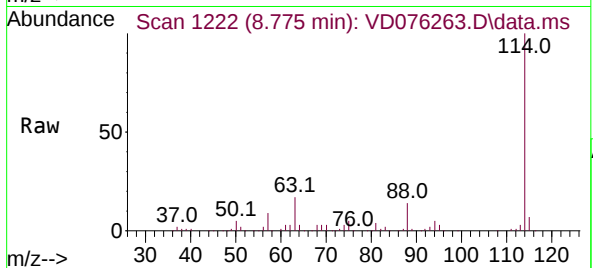
Tgt Ion:114 Resp: 403313

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 13.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 62.285 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076263.D

Acq: 26 May 2023 17:39

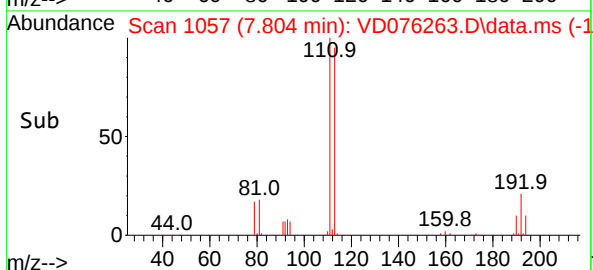
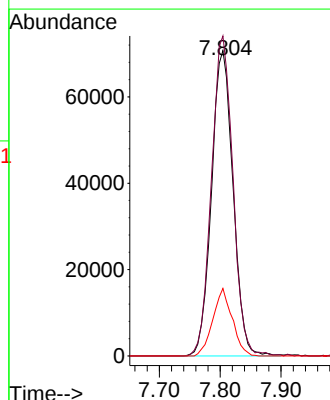
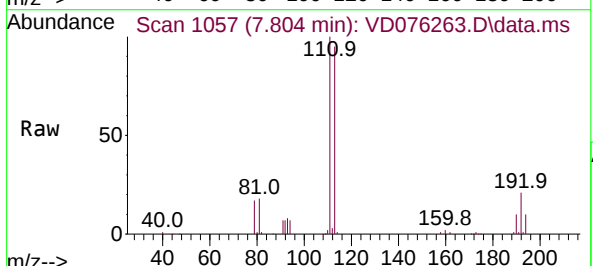
Tgt Ion:113 Resp: 173636

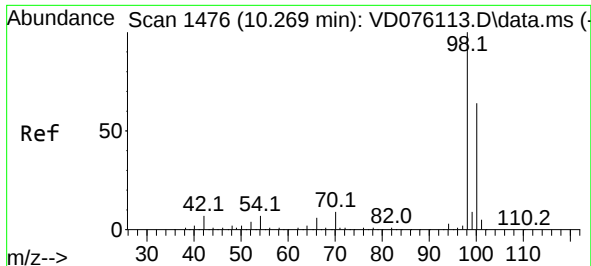
Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 20.0 15.2 22.8

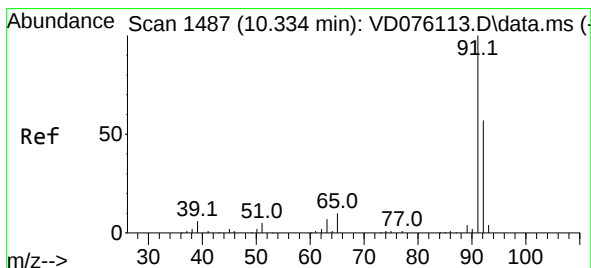
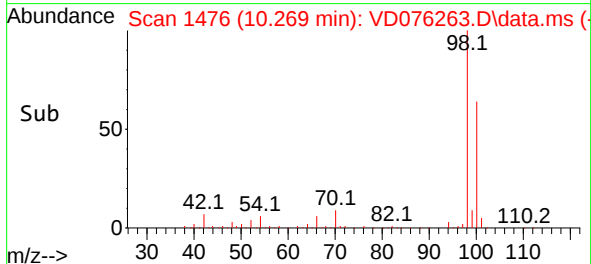
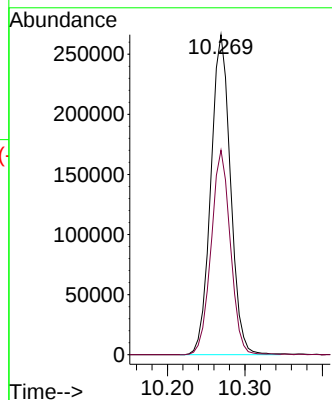
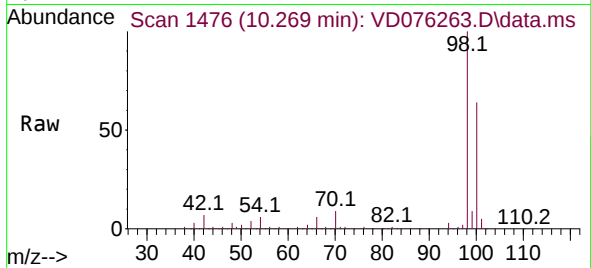




#50
Toluene-d8
Concen: 43.179 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

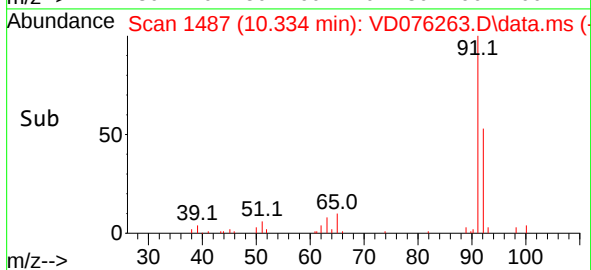
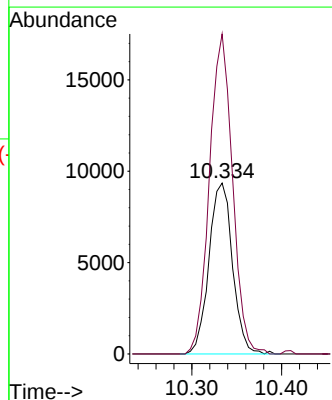
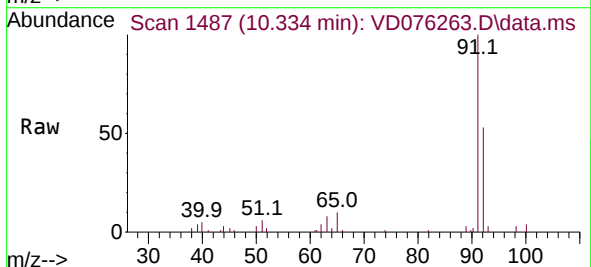
Instrument :
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MID2-44(10-11)

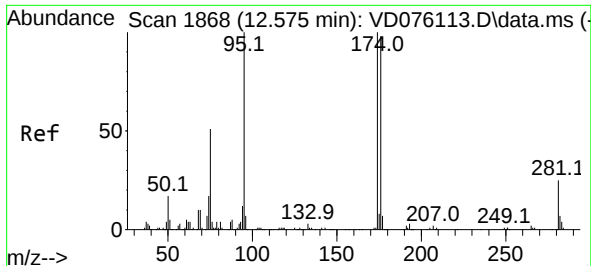
Tgt Ion: 98 Resp: 469251
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1



#52
Toluene
Concen: 2.257 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 92 Resp: 17064
Ion Ratio Lower Upper
92 100
91 183.0 136.5 204.7

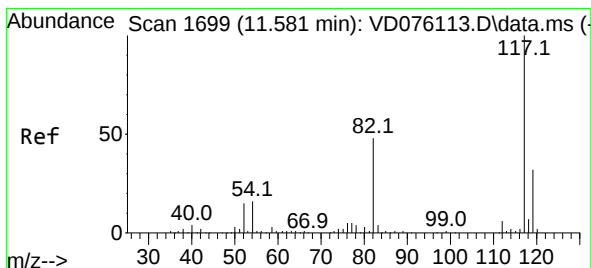
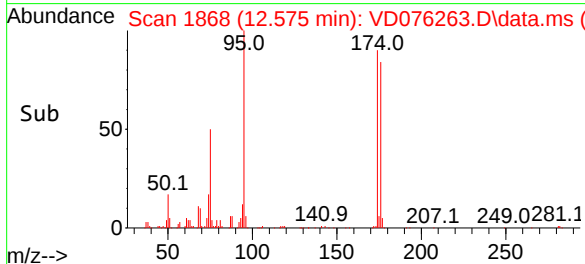
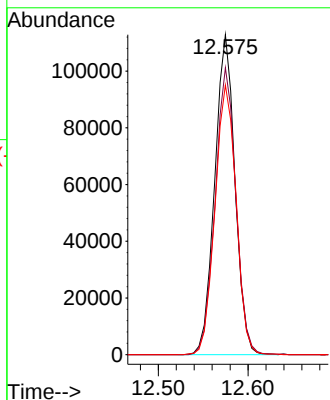
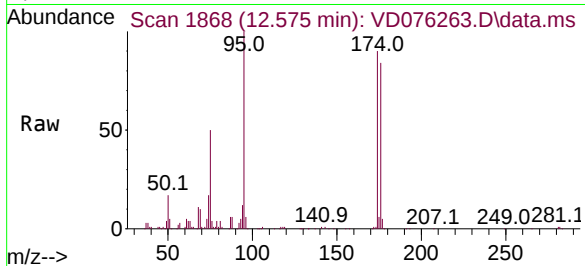




#62
4-Bromofluorobenzene
Concen: 58.493 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

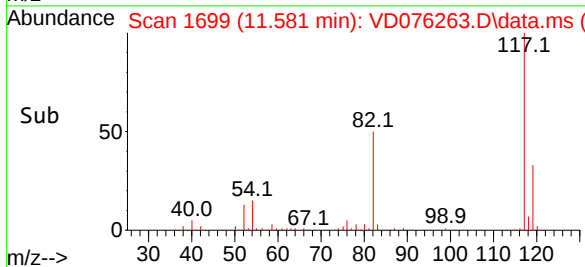
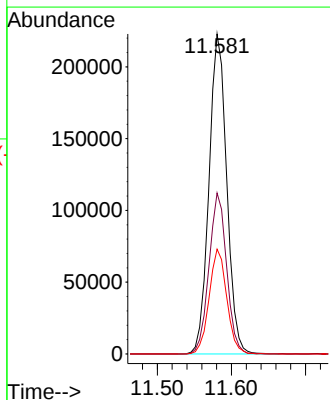
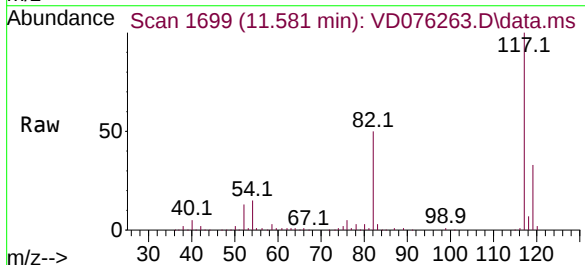
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

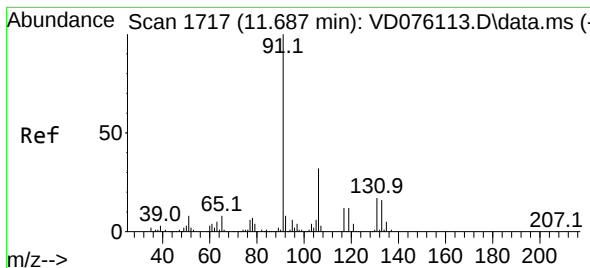
Tgt Ion: 95 Resp: 176579
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 88.0 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 117 Resp: 370500
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 32.8 25.1 37.7





#67

Ethyl Benzene

Concen: 1.223 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD076263.D

Acq: 26 May 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

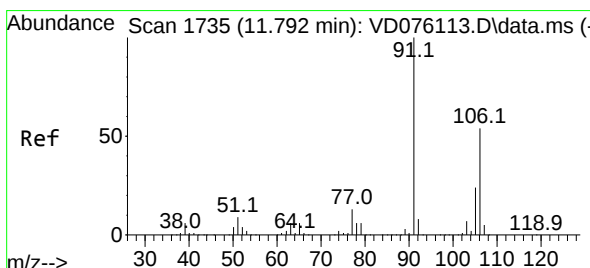
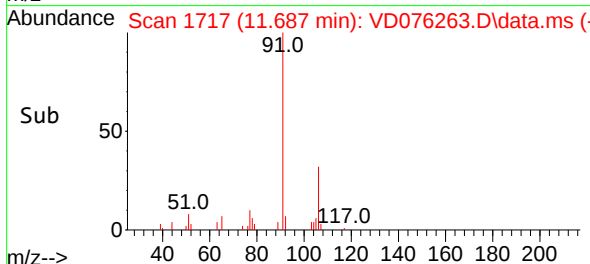
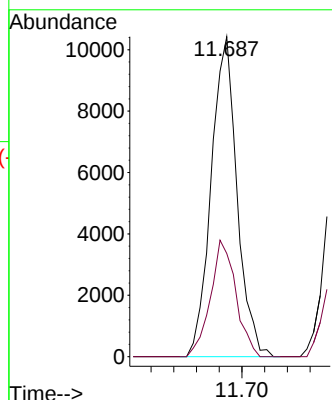
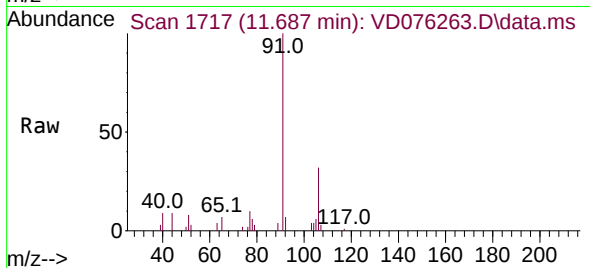
MID2-44(10-11)

Tgt Ion: 91 Resp: 16488

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 1.692 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD076263.D

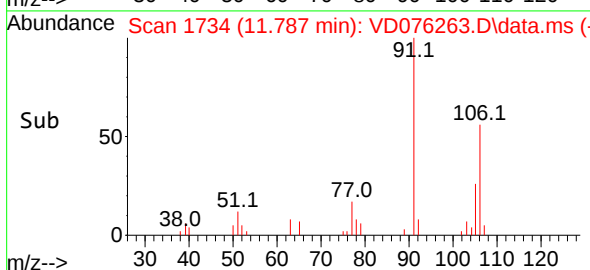
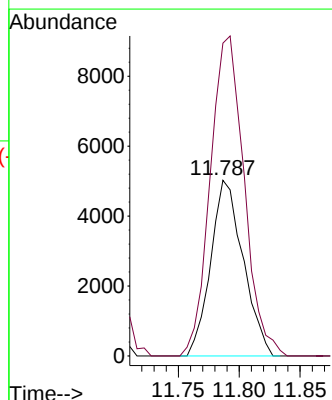
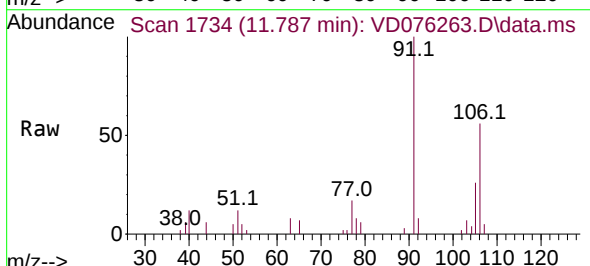
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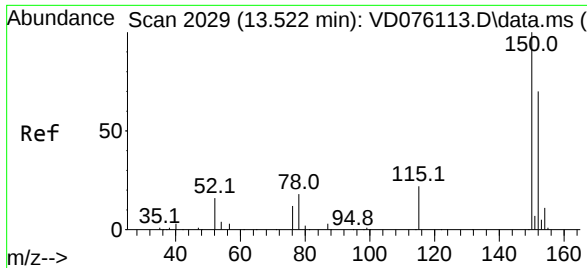
Tgt Ion: 106 Resp: 9318

Ion Ratio Lower Upper

106 100

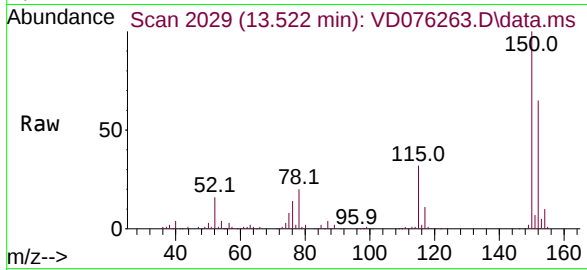
91 189.7 161.5 242.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076263.D
 Acq: 26 May 2023 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion:	152	Resp:	156498
Ion	Ratio	Lower	Upper
152	100		
115	52.0	30.1	90.3
150	154.5	0.0	364.8

