

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074291.D
 Acq On : 14 Sep 2022 18:14
 Operator : VA/SY
 Sample : N4538-01
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-1-1-2

Quant Time: Sep 15 04:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

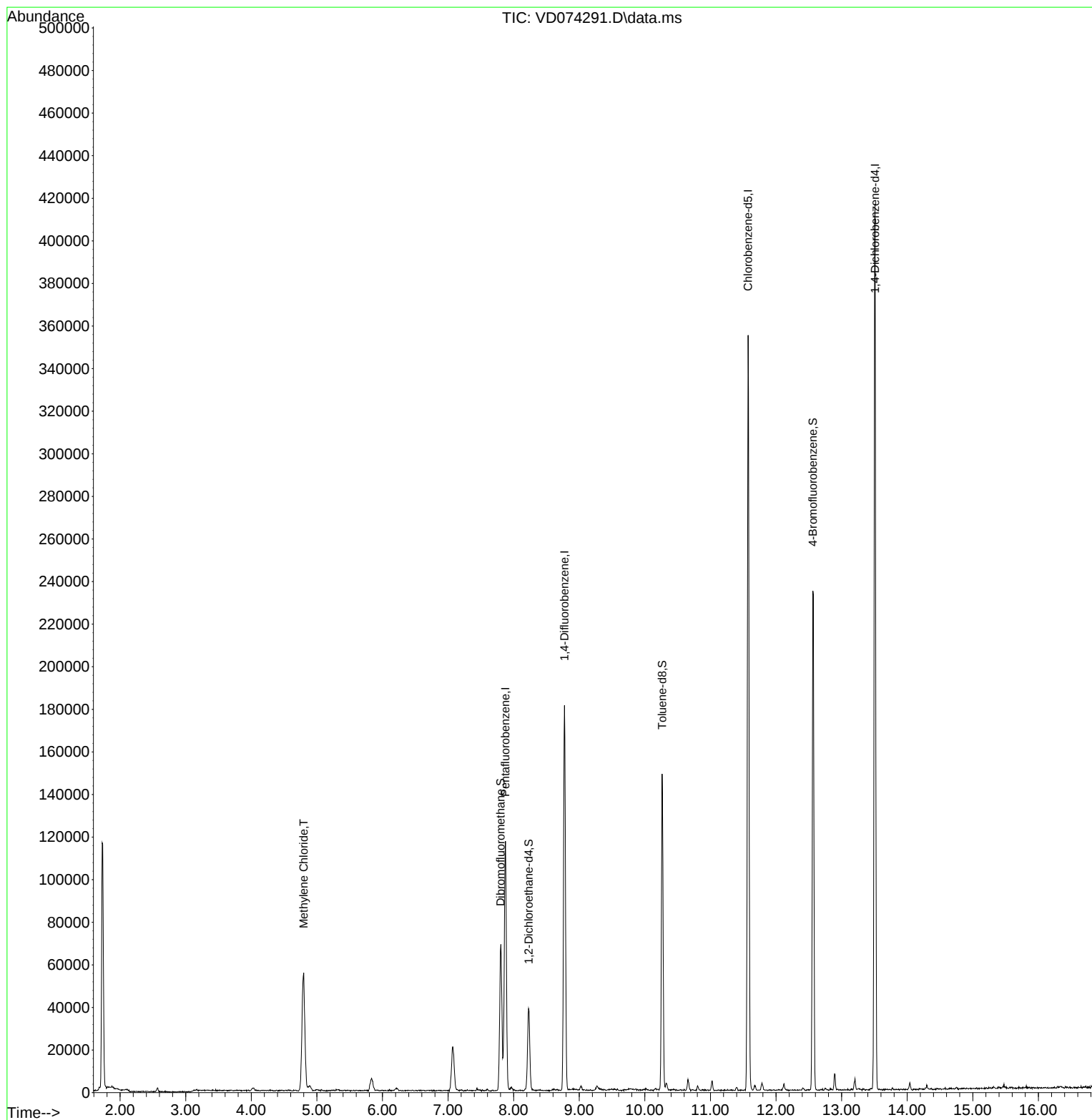
Internal Standards						
1) Pentafluorobenzene	7.875	168	90327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	204309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	113483	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28953	31.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.880%
35) Dibromofluoromethane	7.799	113	49848	45.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.263	98	103156	25.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	51.640%
62) 4-Bromofluorobenzene	12.563	95	73005	52.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.380%
Target Compounds						
20) Methylene Chloride	4.799	84	43125	35.491	ug/l	Qvalue 95

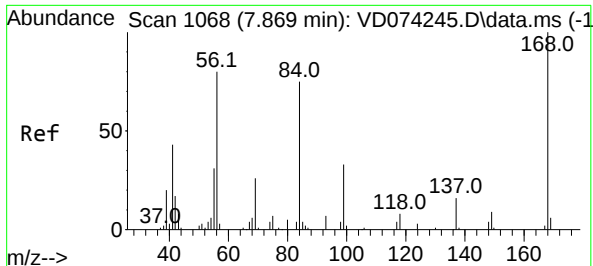
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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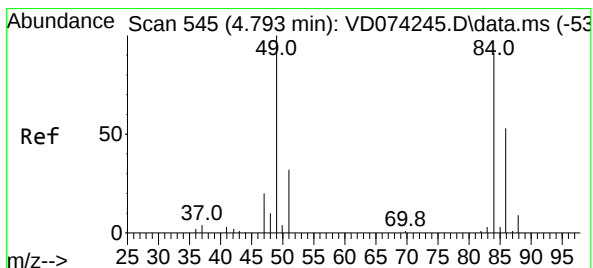
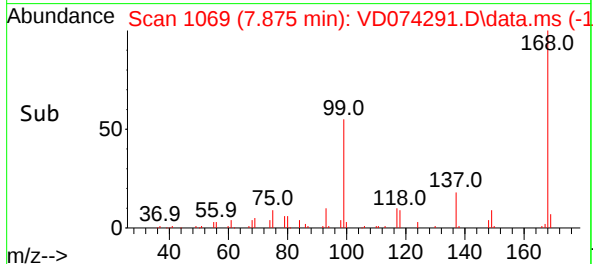
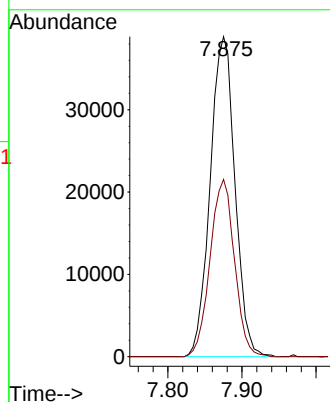
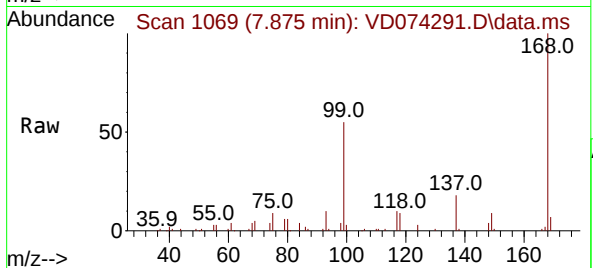




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

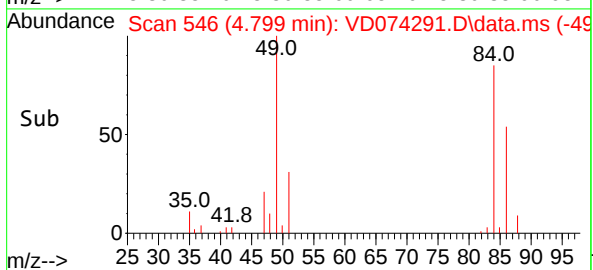
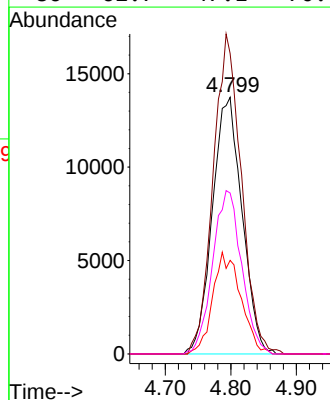
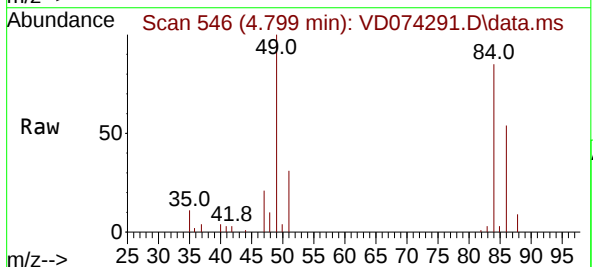
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-1-1-2

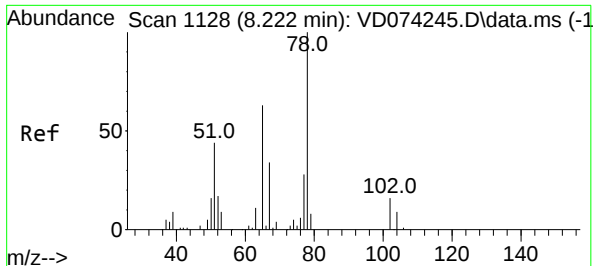
Tgt Ion:168 Resp: 90327
Ion Ratio Lower Upper
168 100
99 55.4 43.0 64.6



#20
Methylene Chloride
Concen: 35.491 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

Tgt Ion: 84 Resp: 43125
Ion Ratio Lower Upper
84 100
49 117.1 88.4 132.6
51 36.4 28.0 42.0
86 62.7 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 31.440 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074291.D

Acq: 14 Sep 2022 18:14

Instrument :

MSVOA_D

ClientSampleId :

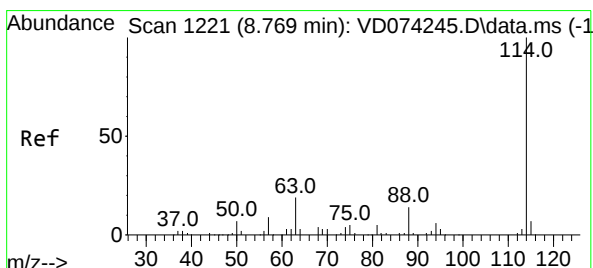
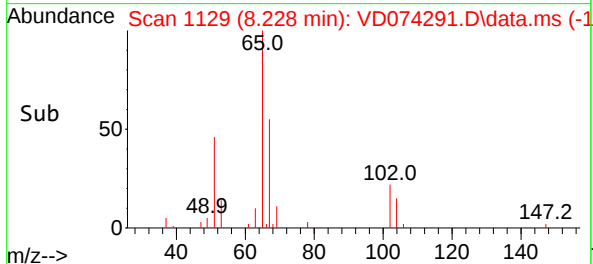
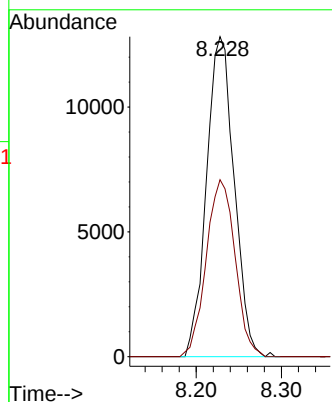
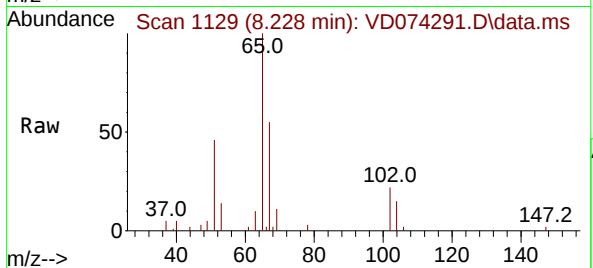
MBD-SB-1-1-2

Tgt Ion: 65 Resp: 28953

Ion Ratio Lower Upper

65 100

67 57.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD074291.D

Acq: 14 Sep 2022 18:14

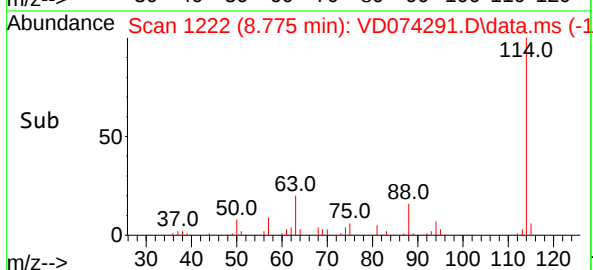
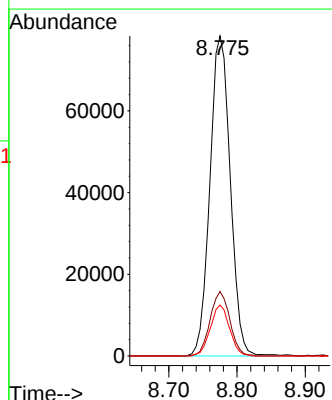
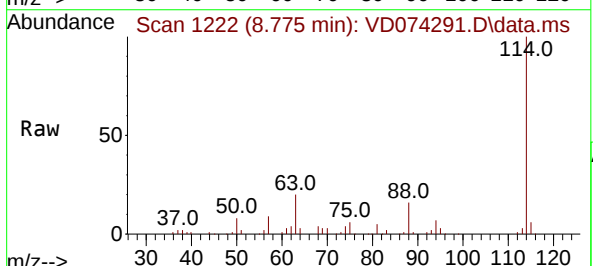
Tgt Ion: 114 Resp: 162990

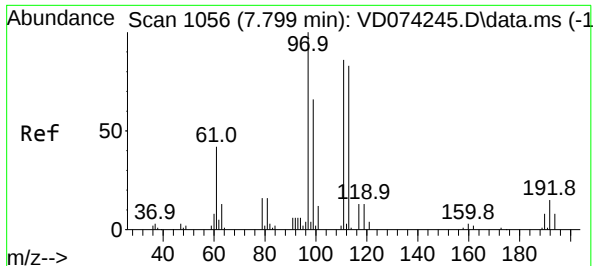
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 15.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 45.397 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074291.D

Acq: 14 Sep 2022 18:14

Instrument :

MSVOA_D

ClientSampleId :

MBD-SB-1-1-2

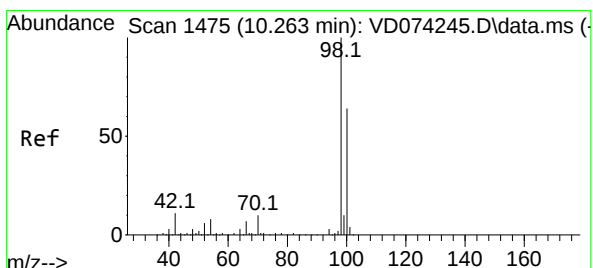
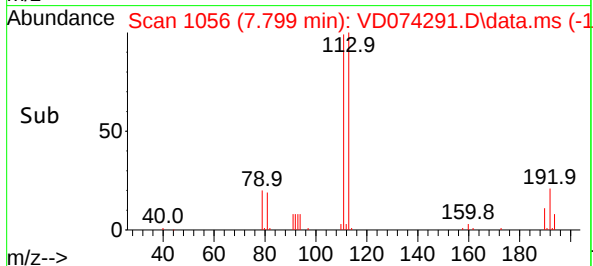
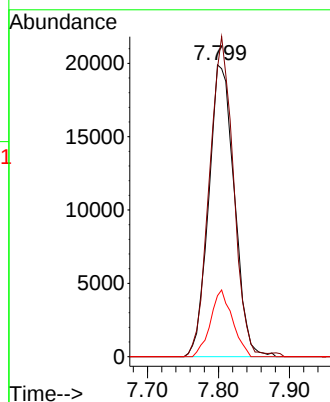
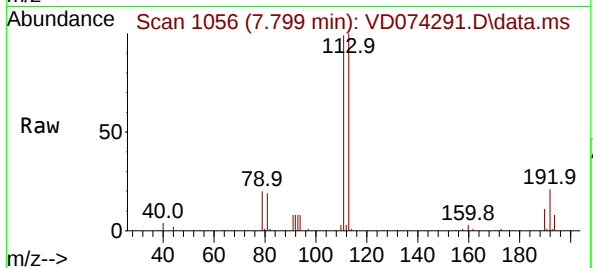
Tgt Ion:113 Resp: 49848

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

192 19.6 16.2 24.2



#50

Toluene-d8

Concen: 25.819 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VD074291.D

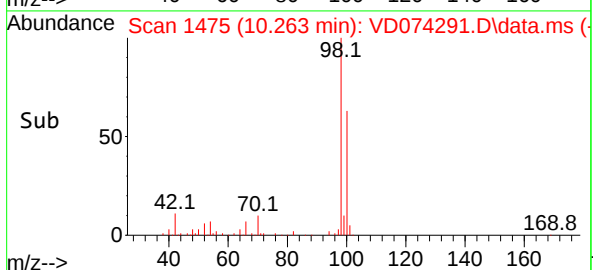
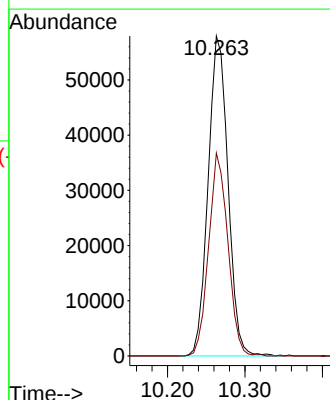
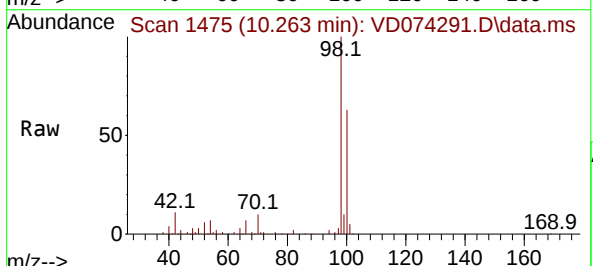
Acq: 14 Sep 2022 18:14

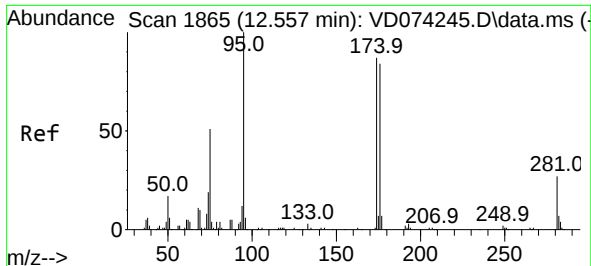
Tgt Ion: 98 Resp: 103156

Ion Ratio Lower Upper

98 100

100 61.6 51.8 77.8

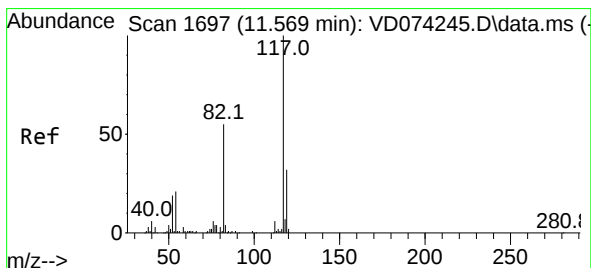
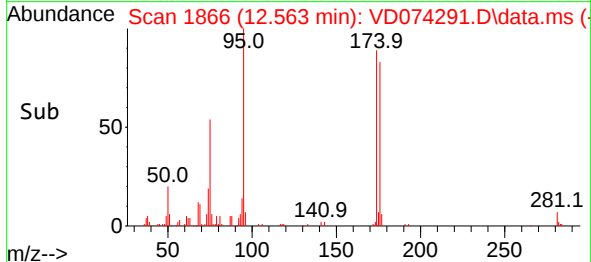
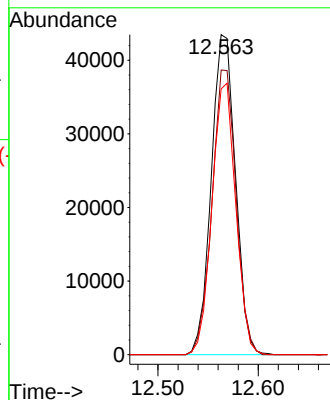
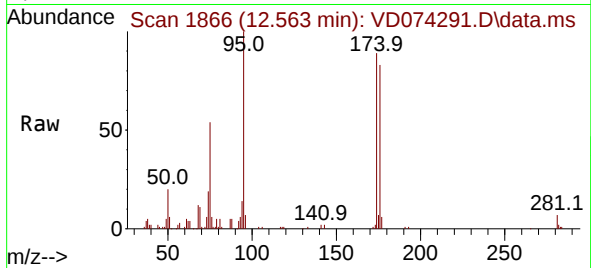




#62
4-Bromofluorobenzene
Concen: 52.692 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

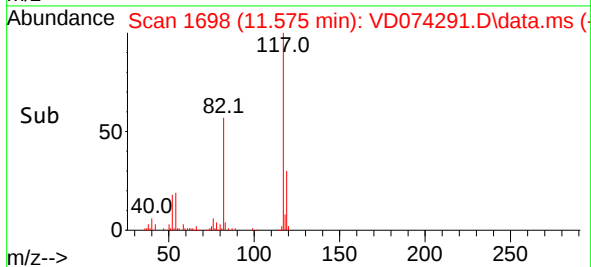
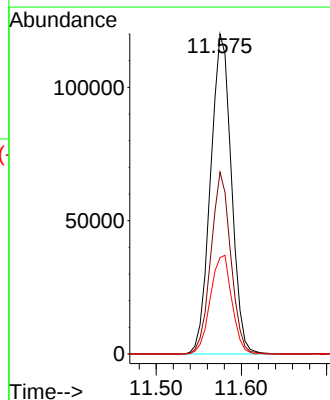
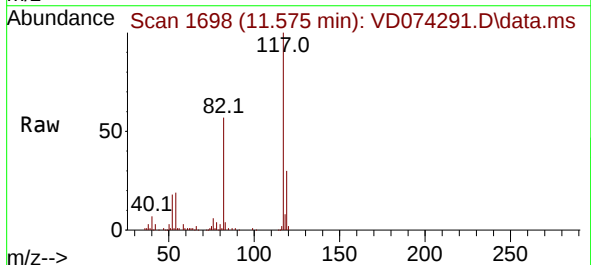
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MBD-SB-1-1-2

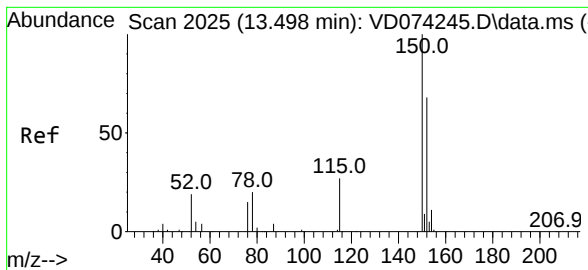
Tgt Ion: 95 Resp: 73005
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 83.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

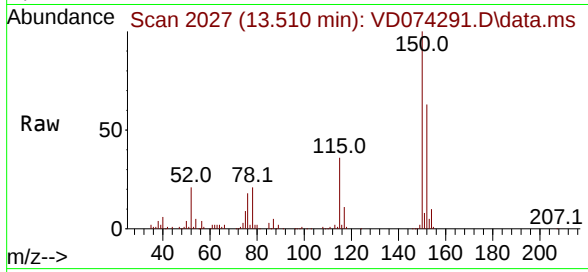
Tgt Ion: 117 Resp: 204309
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-1-1-2



Tgt Ion:	152	Resp:	113483
Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.4	85.2
150	157.7	0.0	351.0

