

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074295.D
 Acq On : 14 Sep 2022 20:09
 Operator : VA/SY
 Sample : N4538-06
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-MP-1-45-46

Quant Time: Sep 15 04:16:06 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)

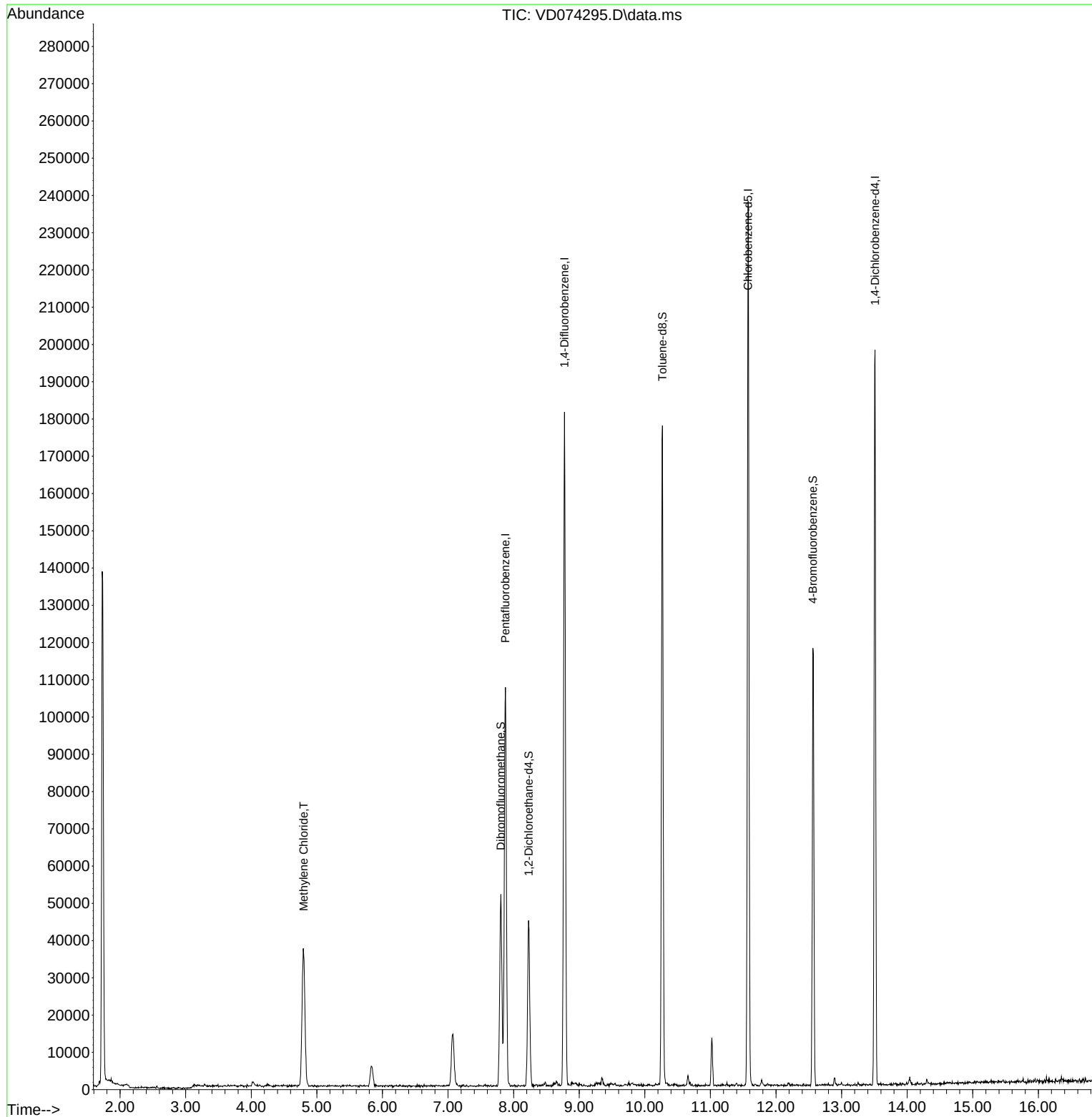
Internal Standards						
1) Pentafluorobenzene	7.875	168	82901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	135570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	53456	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33763	39.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.900%
35) Dibromofluoromethane	7.805	113	36740	33.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.720%
50) Toluene-d8	10.269	98	121122	31.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.860%
62) 4-Bromofluorobenzene	12.563	95	36405	23.366	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.740%
Target Compounds						
20) Methylene Chloride	4.799	84	28377	23.489	ug/l	Qvalue 96

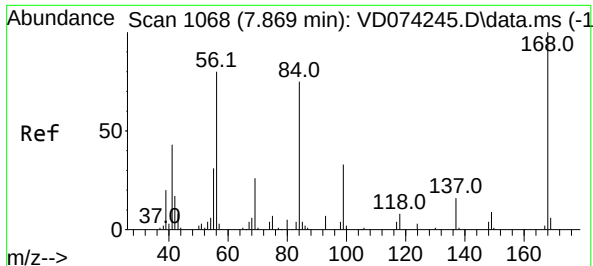
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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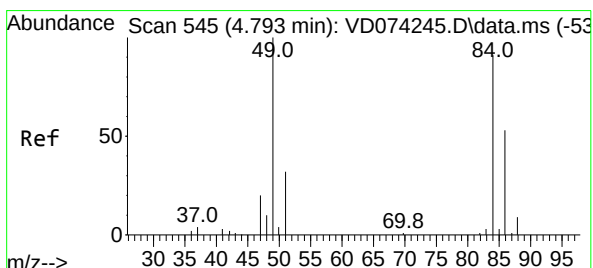
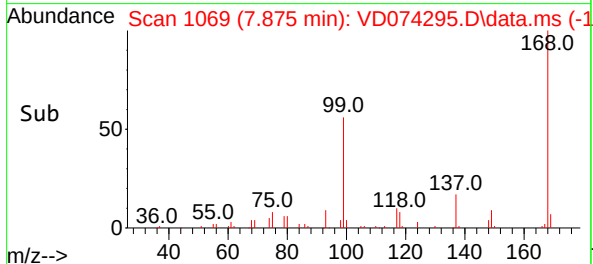
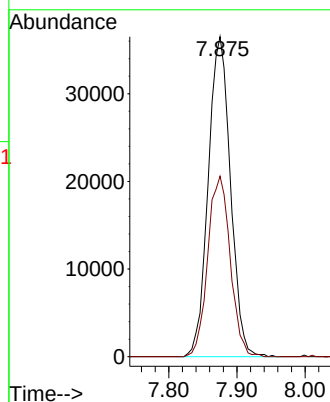
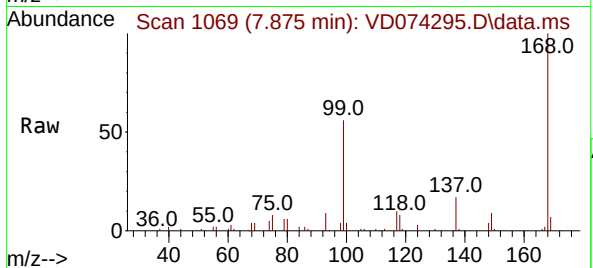




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

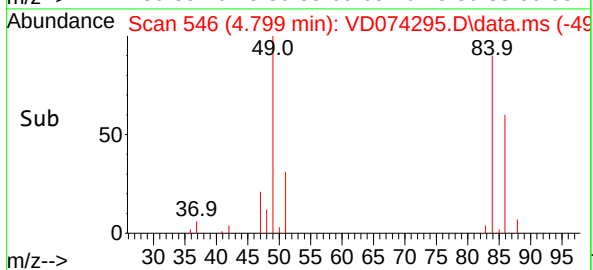
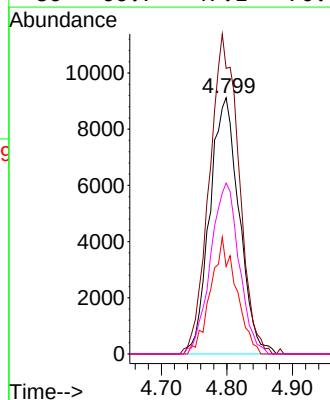
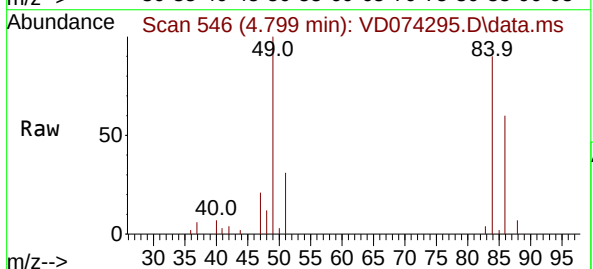
Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-45-46

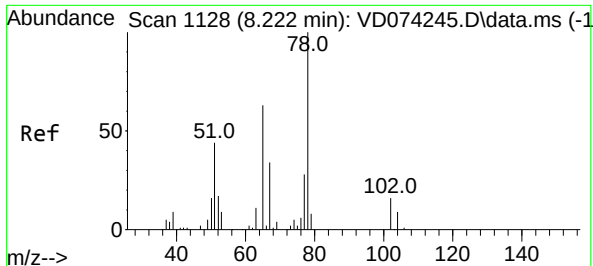
Tgt Ion:168 Resp: 82901
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#20
Methylene Chloride
Concen: 23.489 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

Tgt Ion: 84 Resp: 28377
Ion Ratio Lower Upper
84 100
49 111.5 88.4 132.6
51 34.1 28.0 42.0
86 66.7 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 39.947 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074295.D

Acq: 14 Sep 2022 20:09

Instrument :

MSVOA_D

ClientSampleId :

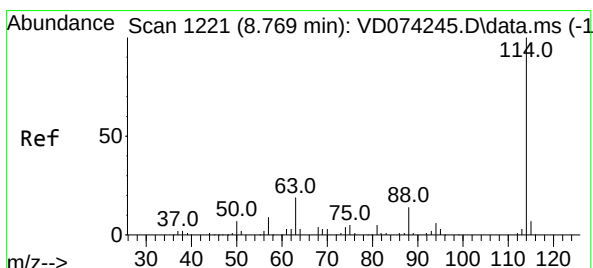
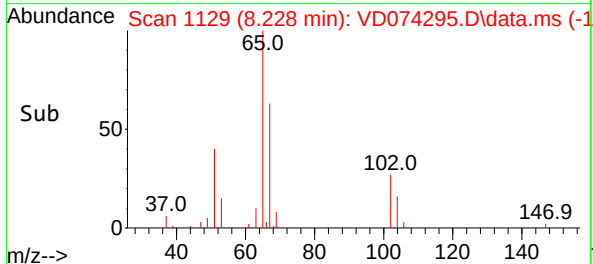
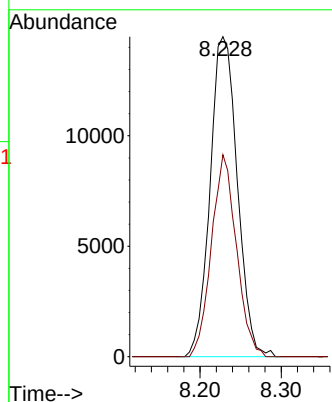
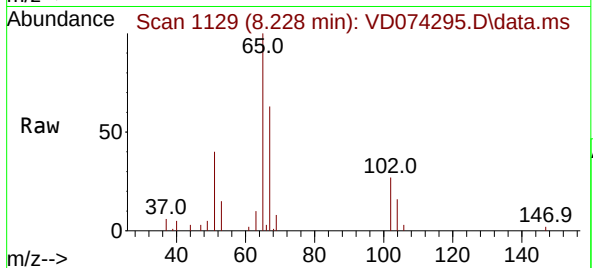
MBD-MP-1-45-46

Tgt Ion: 65 Resp: 33763

Ion Ratio Lower Upper

65 100

67 57.9 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: VD074295.D

Acq: 14 Sep 2022 20:09

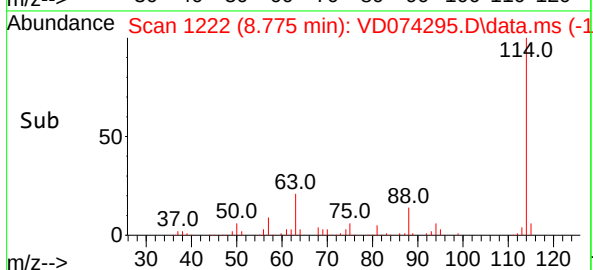
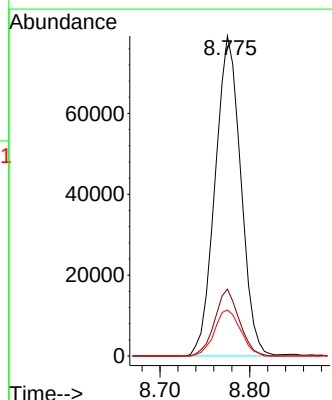
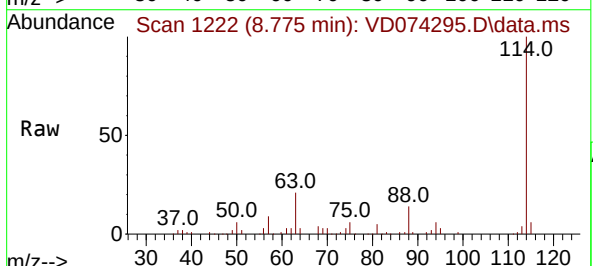
Tgt Ion: 114 Resp: 157186

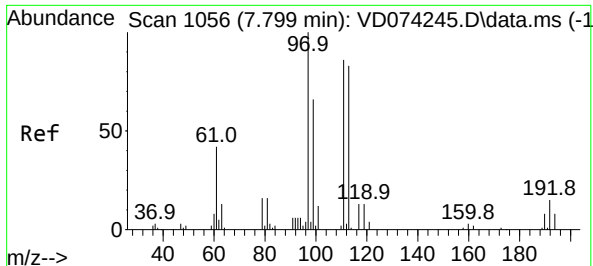
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.6

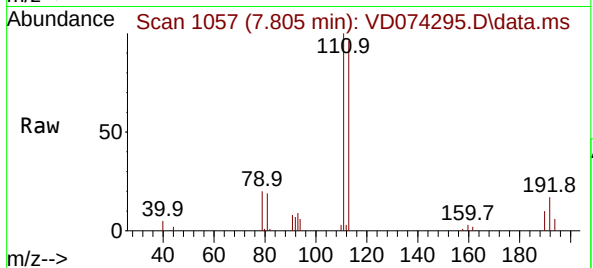
88 14.3 0.0 28.4



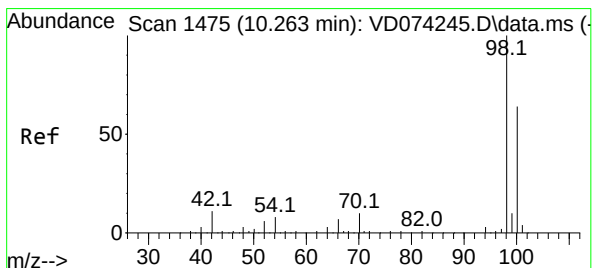
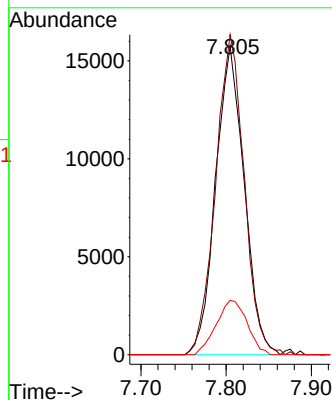
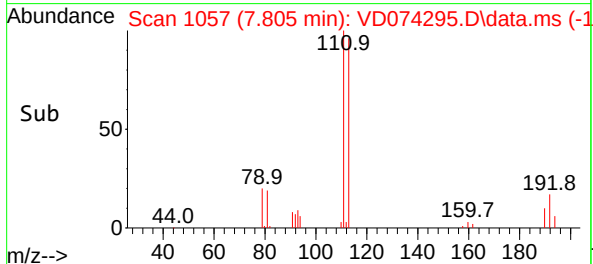


#35
 Dibromofluoromethane
 Concen: 33.863 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VD074295.D
 Acq: 14 Sep 2022 20:09

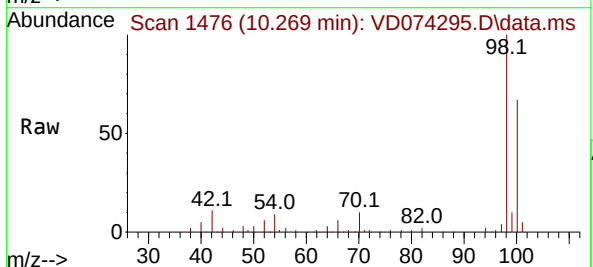
Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-MP-1-45-46



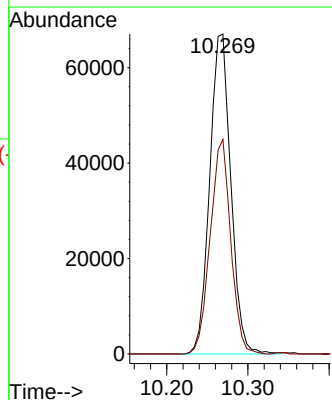
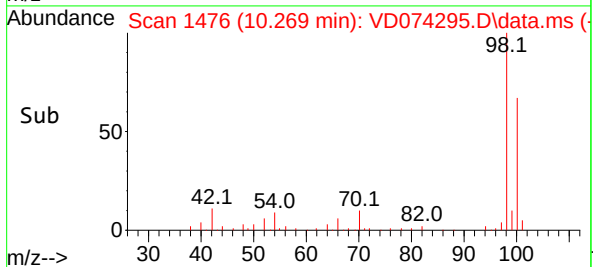
Tgt Ion:113 Resp: 36740
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.6
 192 19.1 16.2 24.2

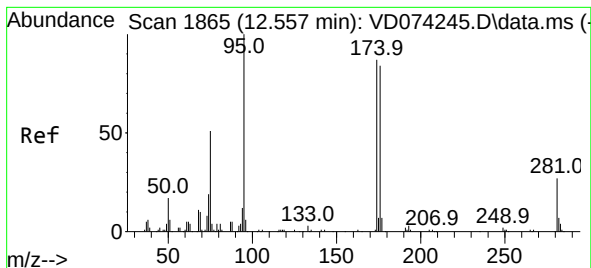


#50
 Toluene-d8
 Concen: 31.435 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.006 min
 Lab File: VD074295.D
 Acq: 14 Sep 2022 20:09



Tgt Ion: 98 Resp: 121122
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.8 77.8

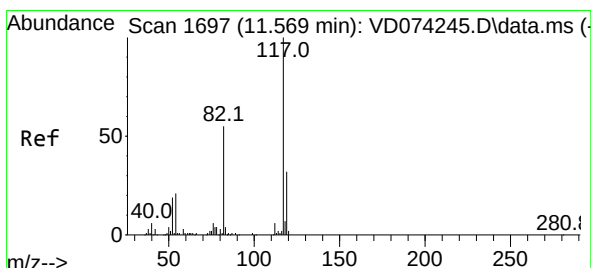
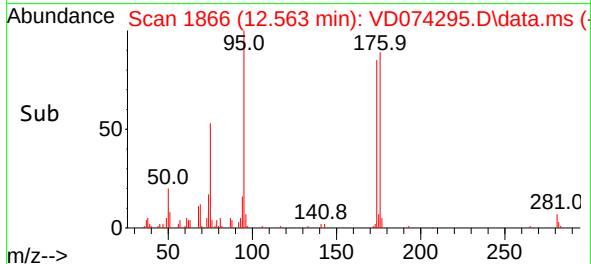
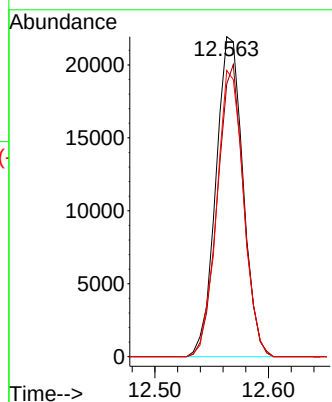
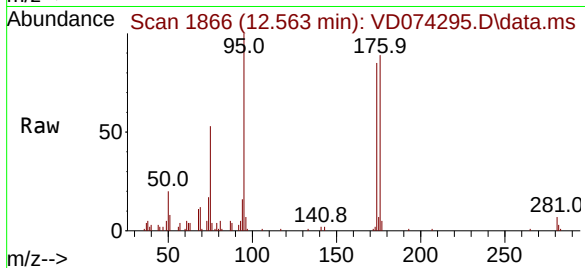




#62
4-Bromofluorobenzene
Concen: 23.366 ug/l
RT: 12.563 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

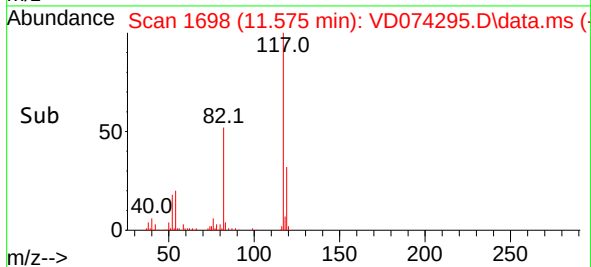
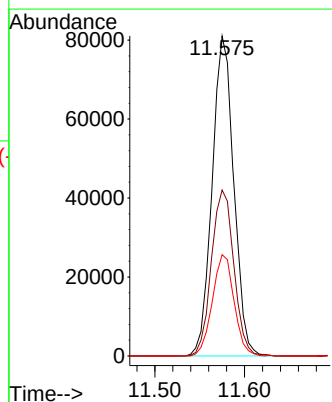
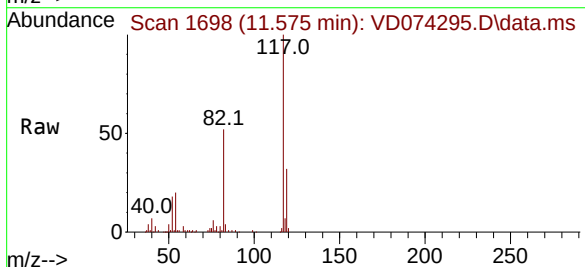
Instrument :
MSVOA_D
ClientSampleId :
MBD-MP-1-45-46

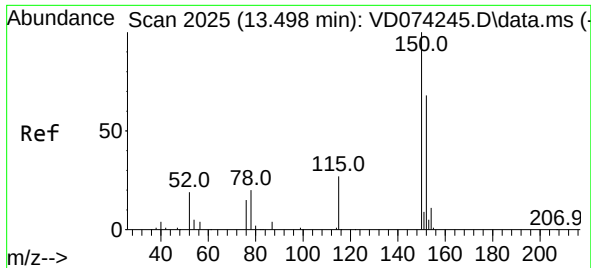
Tgt Ion: 95 Resp: 36405
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.2
176 88.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074295.D
Acq: 14 Sep 2022 20:09

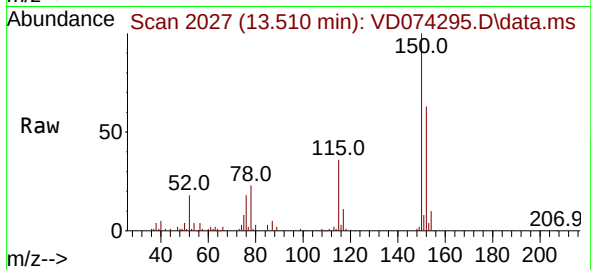
Tgt Ion: 117 Resp: 135570
Ion Ratio Lower Upper
117 100
82 51.8 44.2 66.2
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074295.D
 Acq: 14 Sep 2022 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-MP-1-45-46



Tgt Ion:152 Resp: 53456
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.4 85.2
 150 158.4 0.0 351.0

