

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074344.D
 Acq On : 19 Sep 2022 12:28
 Operator : VA/SY
 Sample : VD0919SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBL01

Quant Time: Sep 19 23:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	92785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	158547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	69490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49455	54.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.440%
35) Dibromofluoromethane	7.799	113	50261	48.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.260%
50) Toluene-d8	10.263	98	203333	56.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.860%
62) 4-Bromofluorobenzene	12.569	95	60685	49.660	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.320%

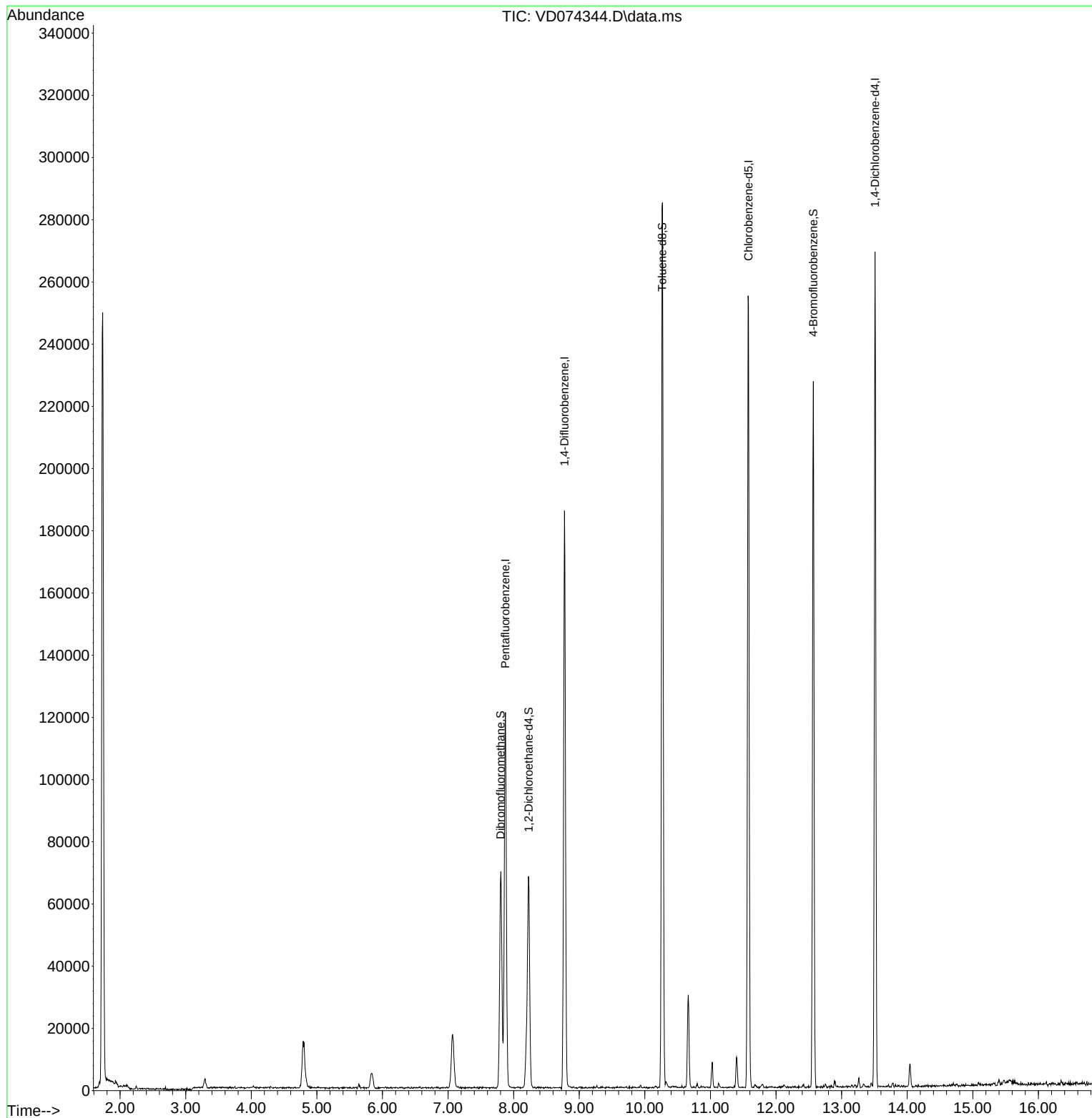
Target Compounds	Qvalue

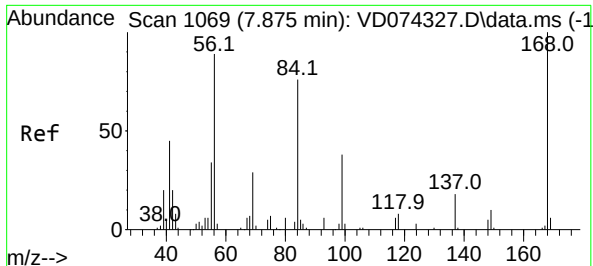
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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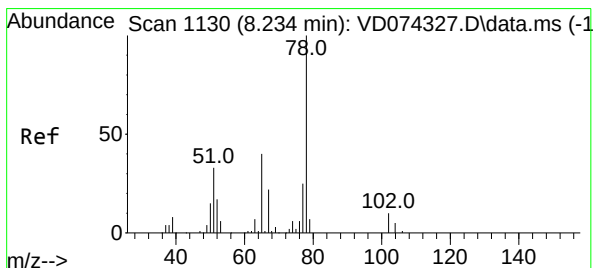
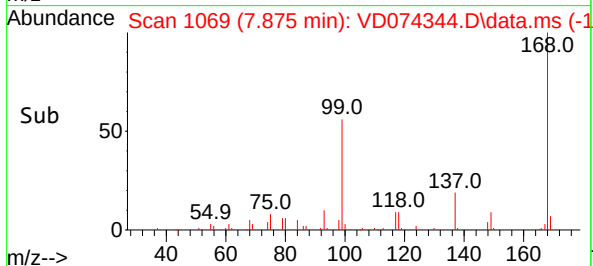
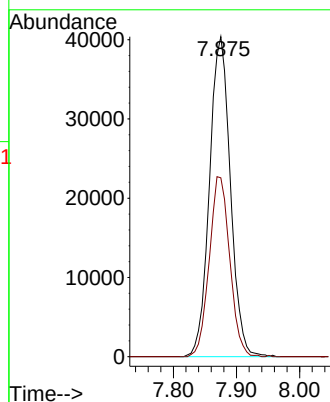
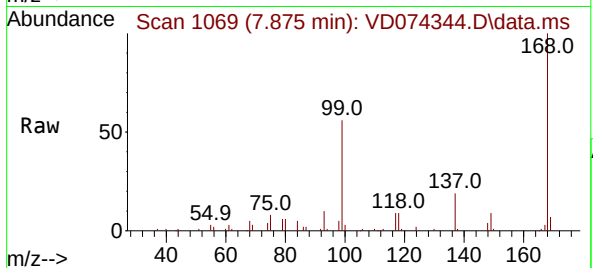




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

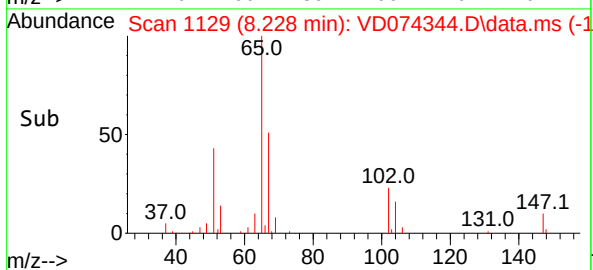
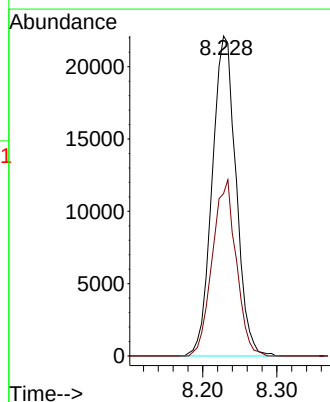
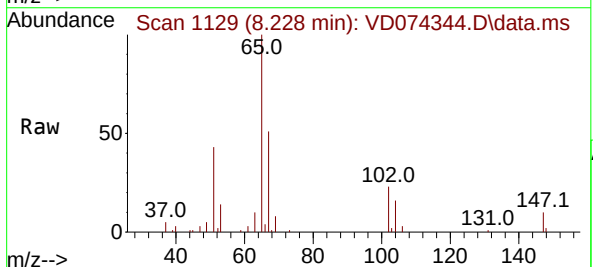
Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

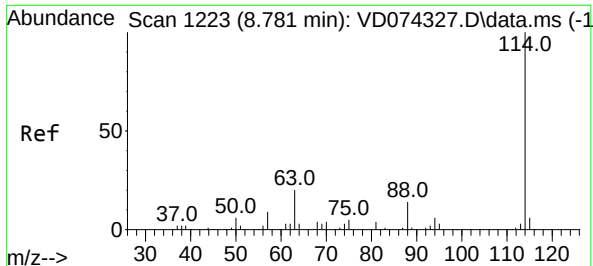
Tgt Ion:168 Resp: 92785
Ion Ratio Lower Upper
168 100
99 55.9 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 54.722 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 65 Resp: 49455
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074344.D

Acq: 19 Sep 2022 12:28

Instrument :

MSVOA_D

ClientSampleId :

VD0919SBL01

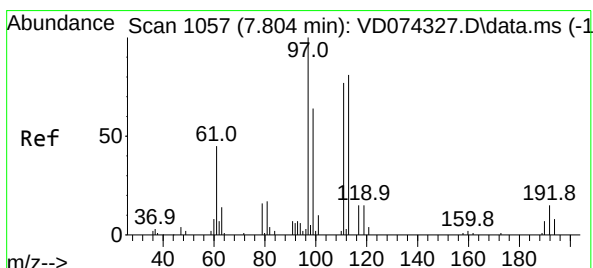
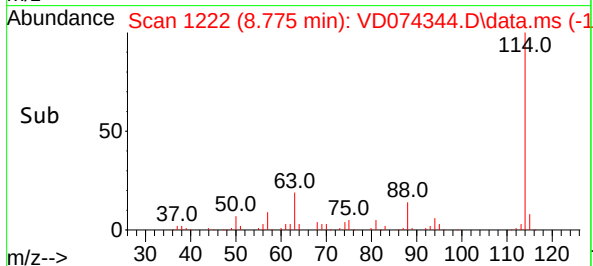
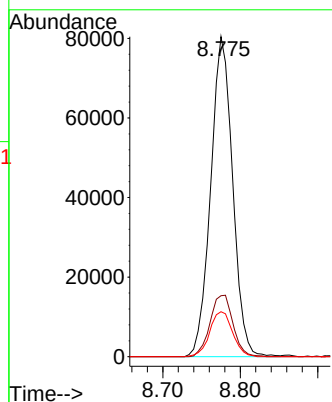
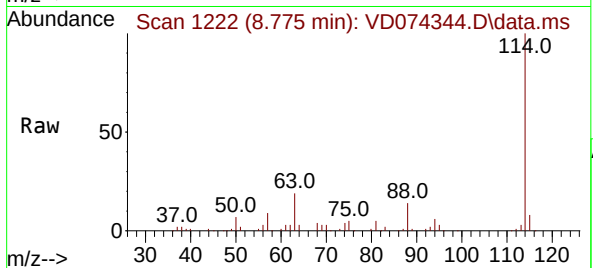
Tgt Ion:114 Resp: 158547

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 48.133 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074344.D

Acq: 19 Sep 2022 12:28

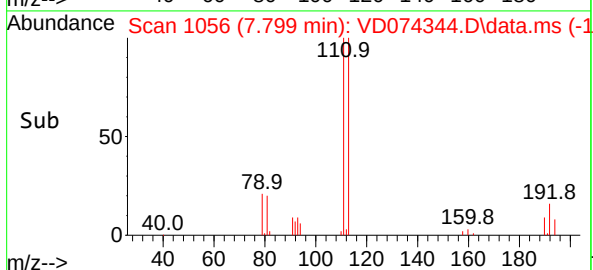
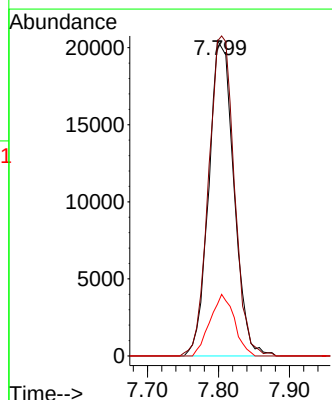
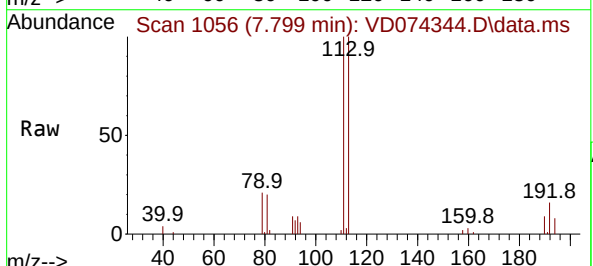
Tgt Ion:113 Resp: 50261

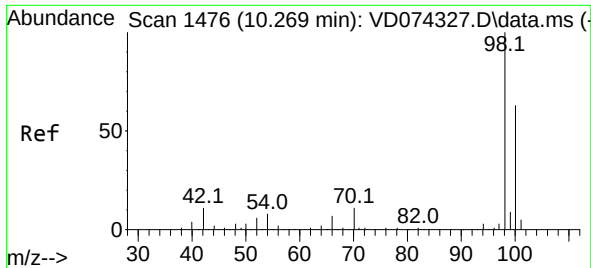
Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.6

192 19.0 16.2 24.2

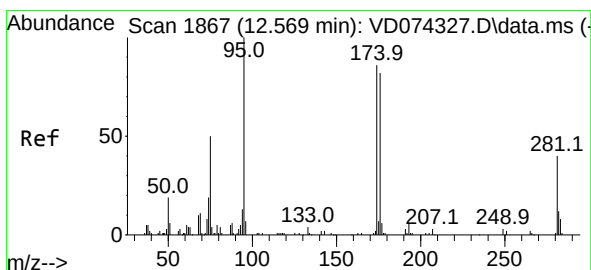
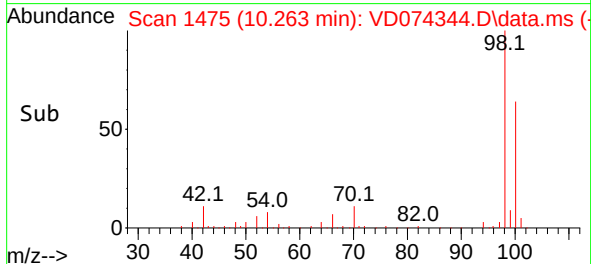
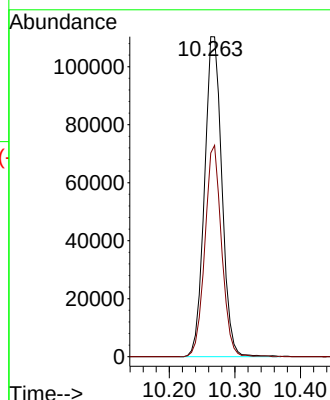
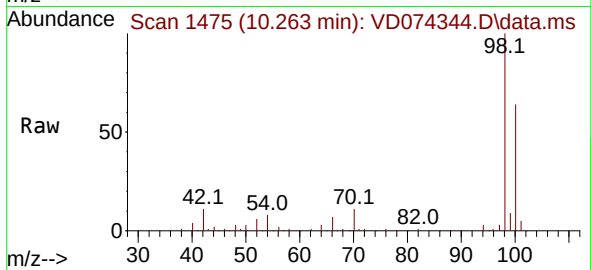




#50
Toluene-d8
Concen: 56.434 ug/l
RT: 10.263 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

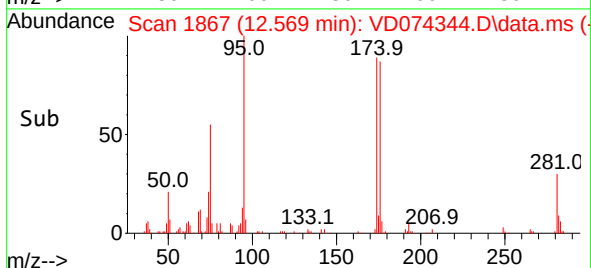
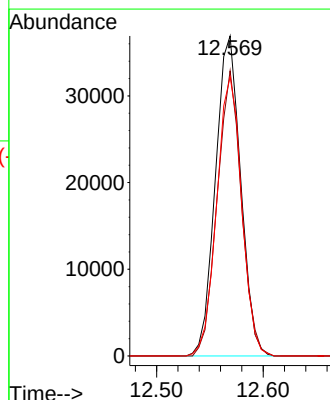
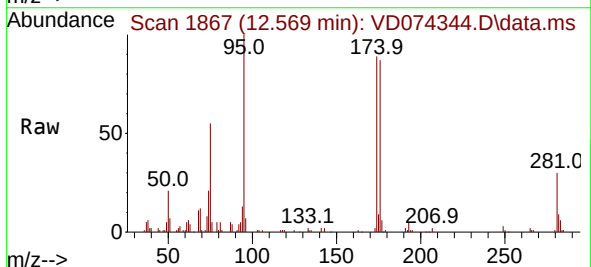
Instrument :
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VD0919SBL01

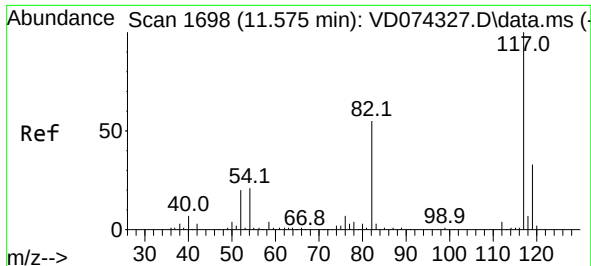
Tgt Ion: 98 Resp: 203333
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.660 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion: 95 Resp: 60685
Ion Ratio Lower Upper
95 100
174 85.5 0.0 179.2
176 86.3 0.0 171.4

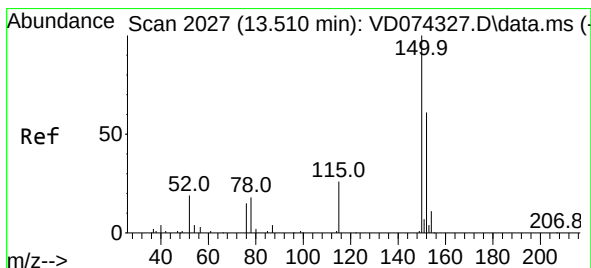
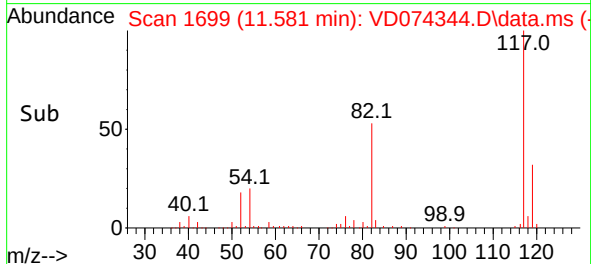
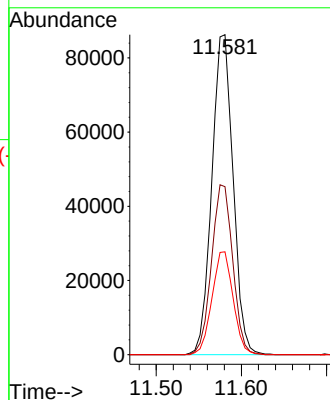
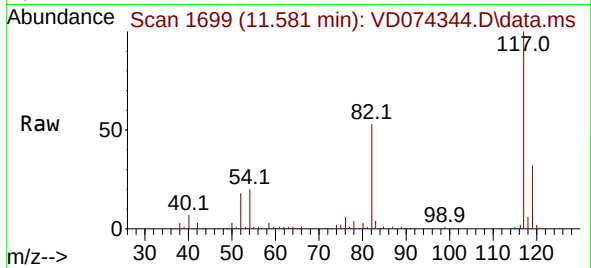




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

Tgt Ion:117 Resp: 149433
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074344.D
Acq: 19 Sep 2022 12:28

Tgt Ion:152 Resp: 69490
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 156.7 0.0 351.0

