

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074281.D
 Acq On : 14 Sep 2022 13:29
 Operator : VA/SY
 Sample : VD0914SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBL01

Quant Time: Sep 15 04:13:25 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	90648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	155416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	138157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	66415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47421	51.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.620%
35) Dibromofluoromethane	7.804	113	48672	46.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.263	98	186123	48.855	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.563	95	58941	43.383	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.760%

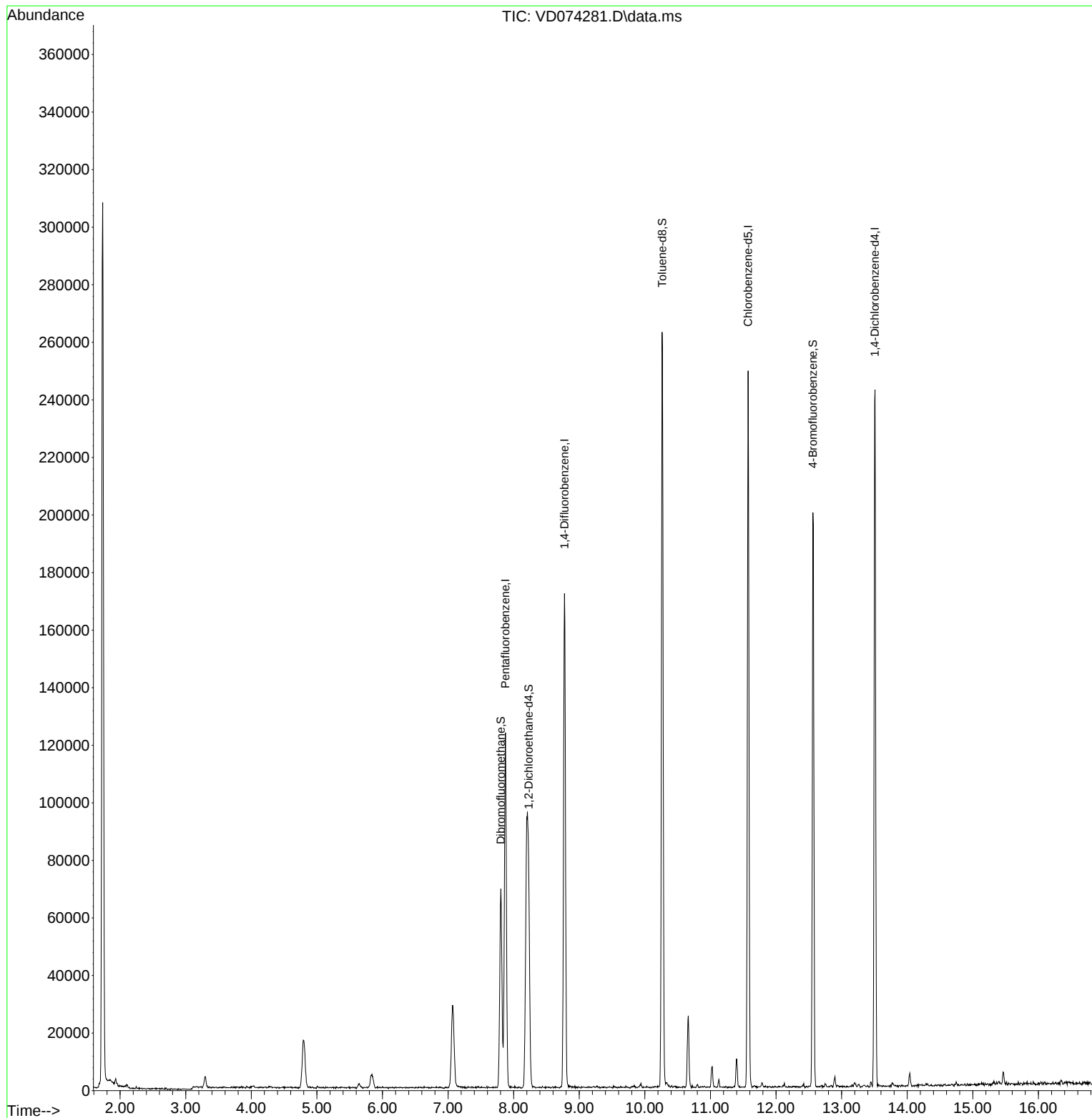
Target Compounds	Qvalue

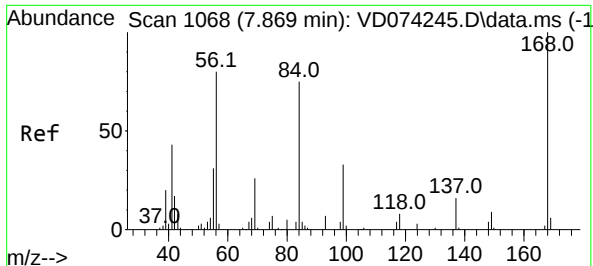
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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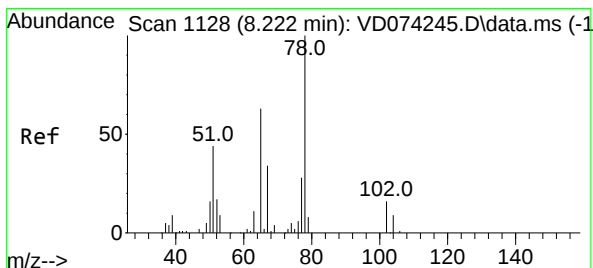
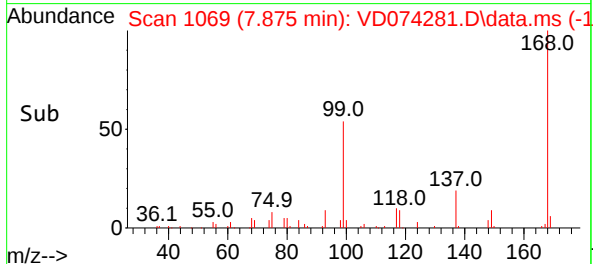
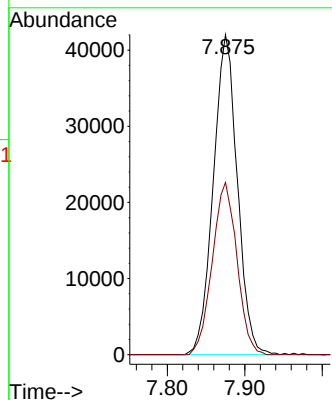
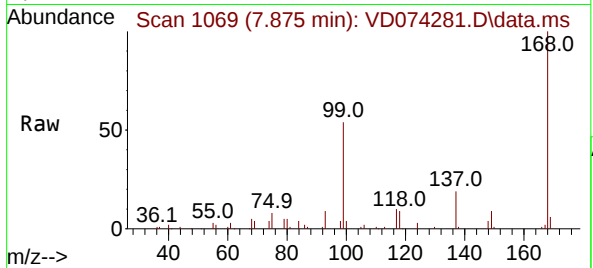




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

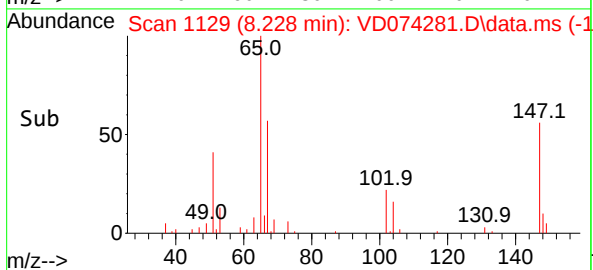
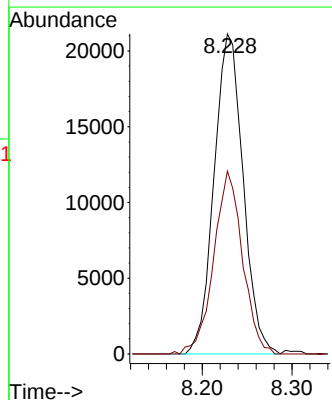
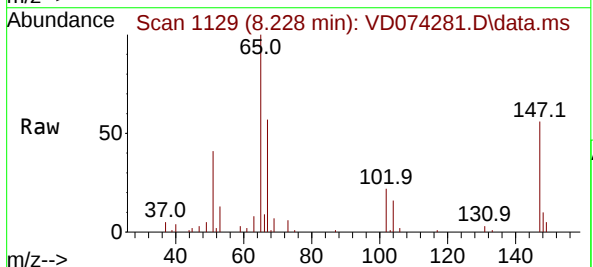
Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

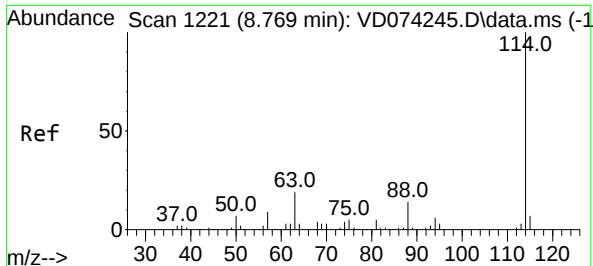
Tgt Ion:168 Resp: 90648
Ion Ratio Lower Upper
168 100
99 53.9 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 51.312 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

Tgt Ion: 65 Resp: 47421
Ion Ratio Lower Upper
65 100
67 56.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074281.D

Acq: 14 Sep 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VD0914SBL01

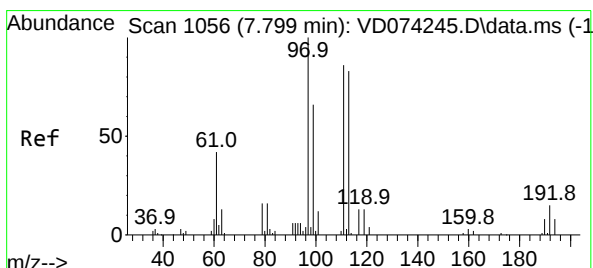
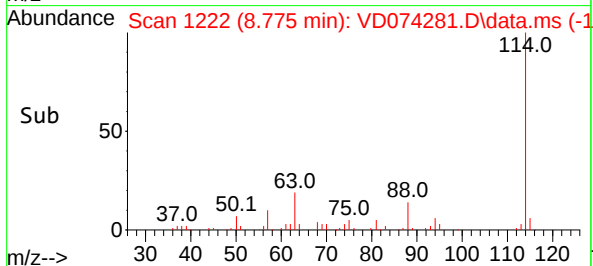
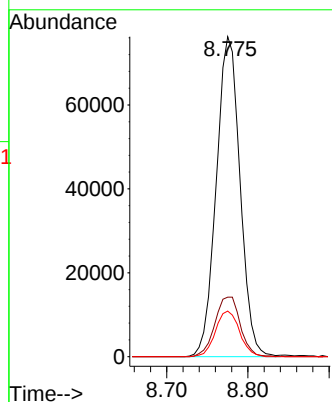
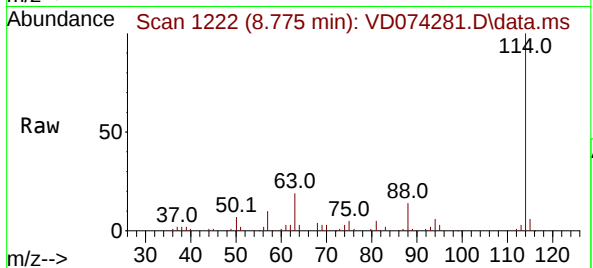
Tgt Ion:114 Resp: 155416

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.6

88 14.2 0.0 28.4



#35

Dibromofluoromethane

Concen: 46.571 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074281.D

Acq: 14 Sep 2022 13:29

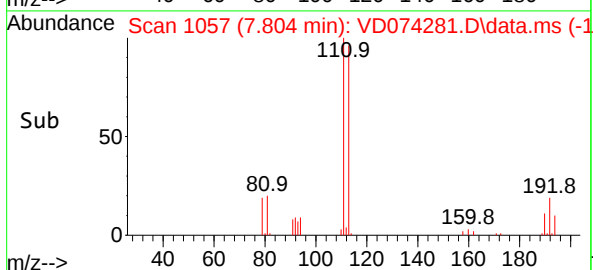
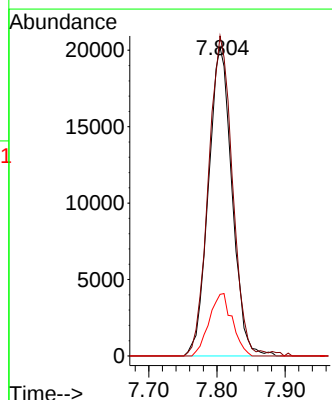
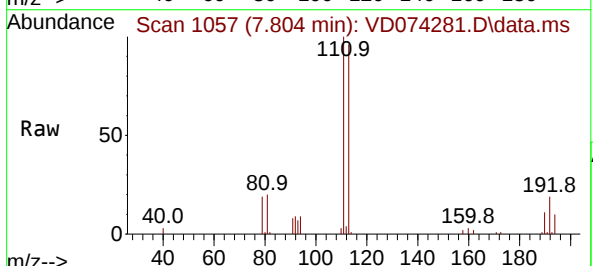
Tgt Ion:113 Resp: 48672

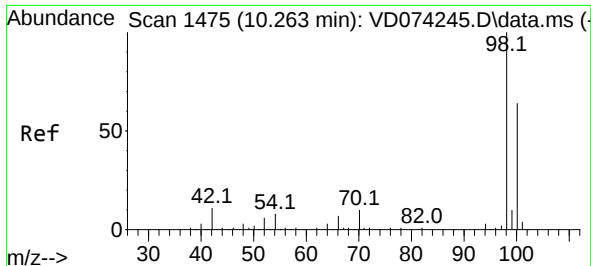
Ion Ratio Lower Upper

113 100

111 105.3 83.0 124.6

192 19.9 16.2 24.2

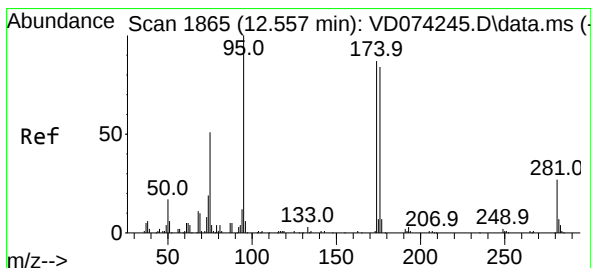
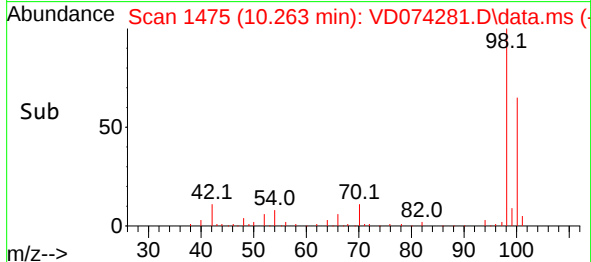
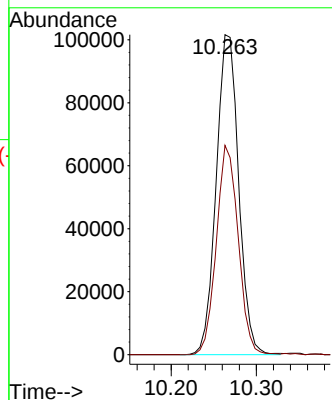
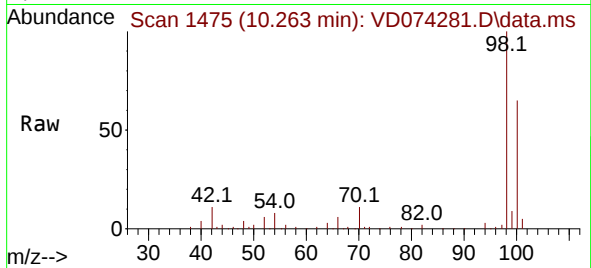




#50
Toluene-d8
Concen: 48.855 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

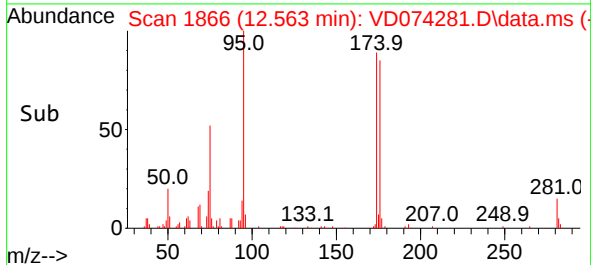
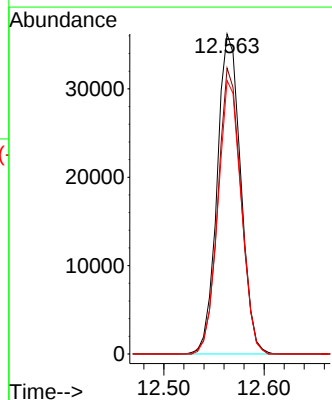
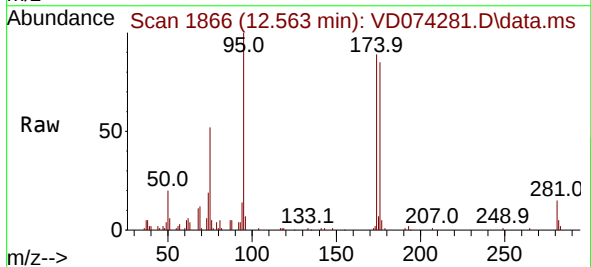
Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

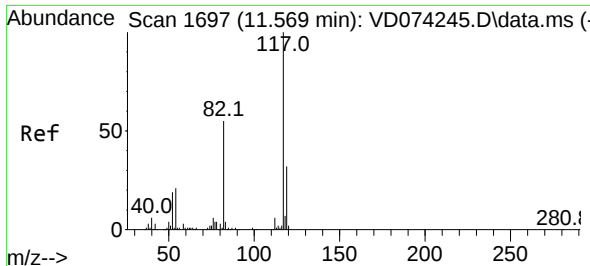
Tgt Ion: 98 Resp: 186123
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 43.383 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

Tgt Ion: 95 Resp: 58941
Ion Ratio Lower Upper
95 100
174 87.0 0.0 179.2
176 84.7 0.0 171.4

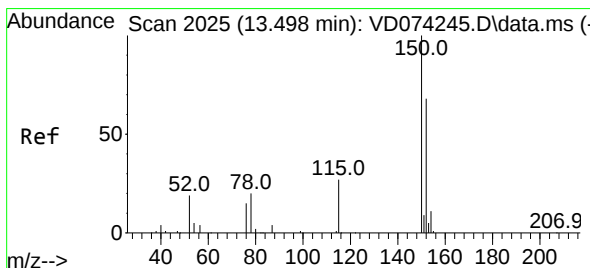
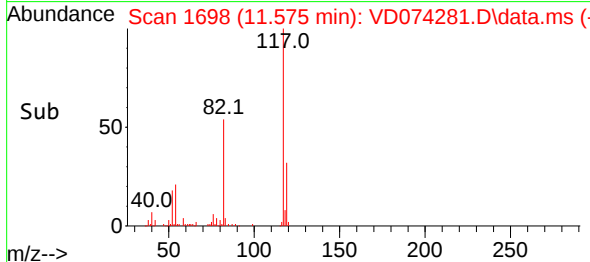
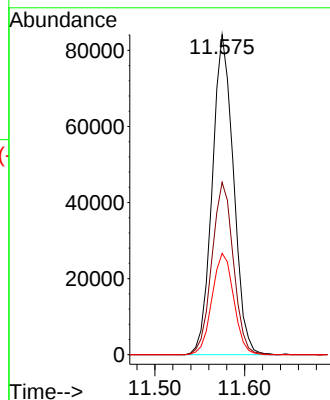
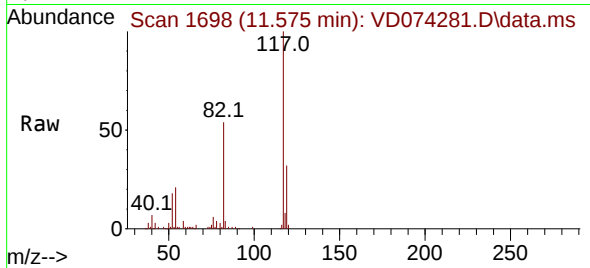




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

Tgt Ion:117 Resp: 138157
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074281.D
Acq: 14 Sep 2022 13:29

Tgt Ion:152 Resp: 66415
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 158.1 0.0 351.0

