

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074313.D
 Acq On : 15 Sep 2022 17:30
 Operator : VA/SY
 Sample : N4538-03
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-2-0-1

Quant Time: Sep 16 05:55:06 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	103204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	147198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49409	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58405	55.509	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.804	113	59823	47.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.269	98	214195	46.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.563	95	52768	29.967	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.940%

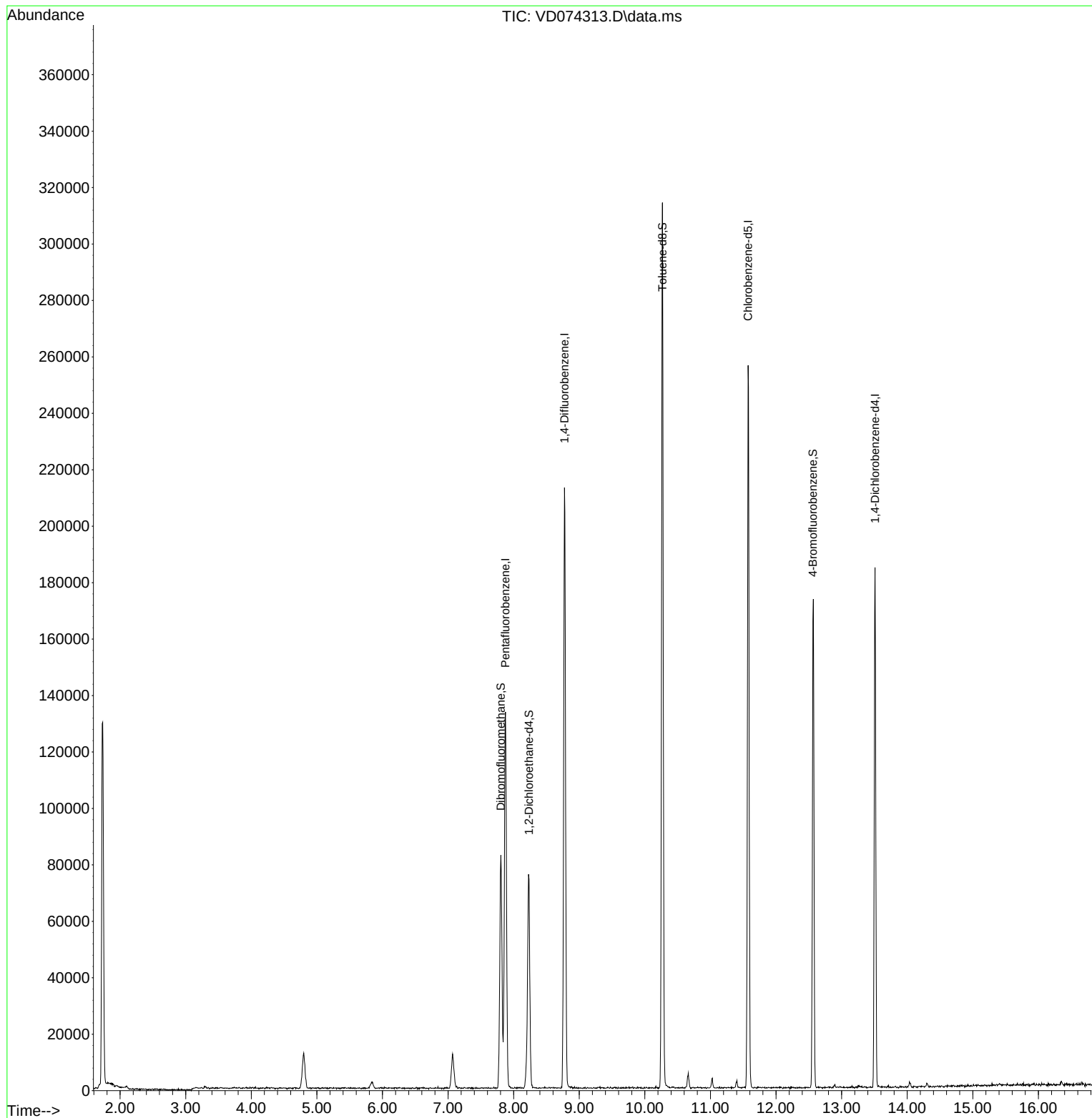
Target Compounds	Qvalue

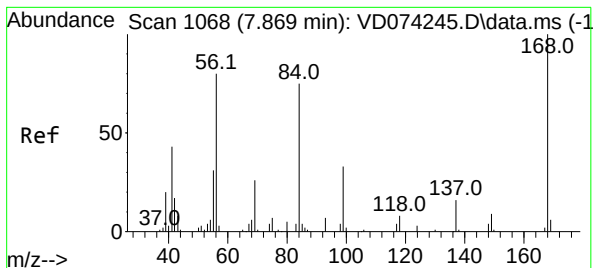
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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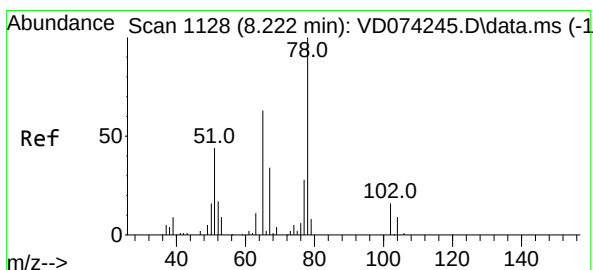
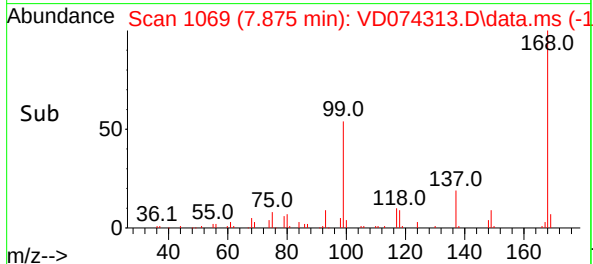
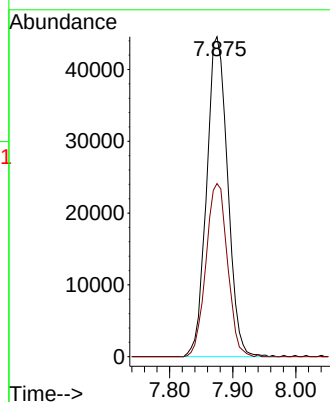
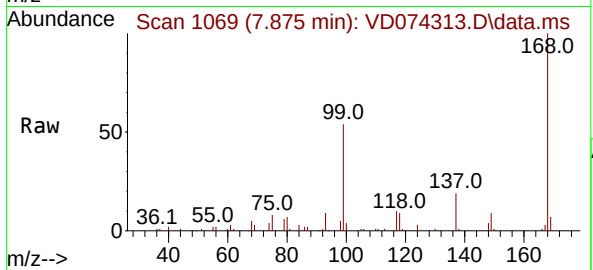




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

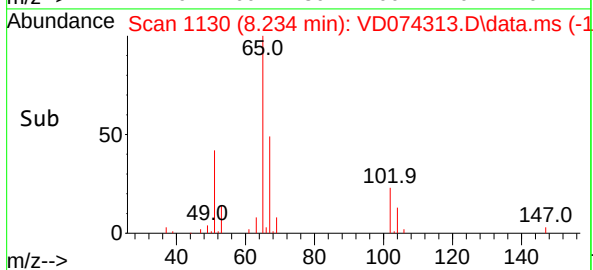
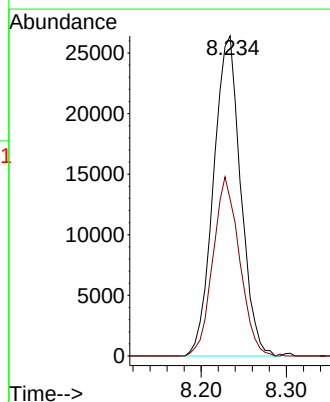
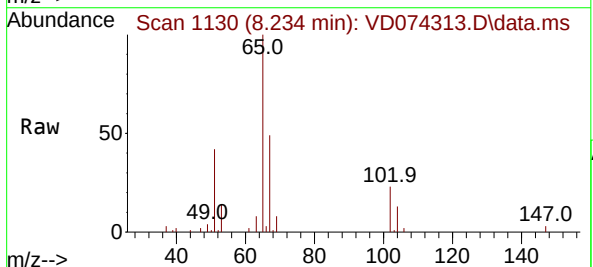
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-2-0-1

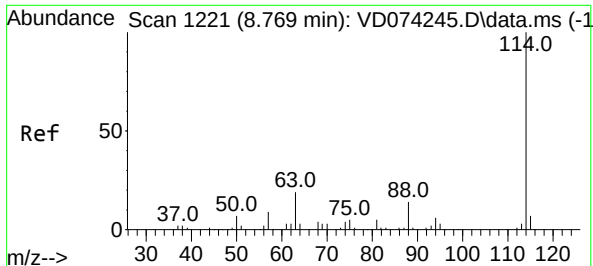
Tgt Ion:168 Resp: 103204
Ion Ratio Lower Upper
168 100
99 54.1 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 55.509 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.012 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 65 Resp: 58405
Ion Ratio Lower Upper
65 100
67 54.8 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: VD074313.D

Acq: 15 Sep 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

MBD-SB-2-0-1

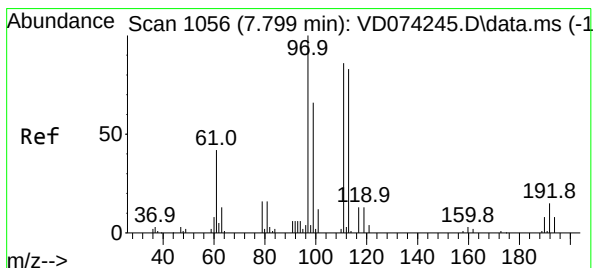
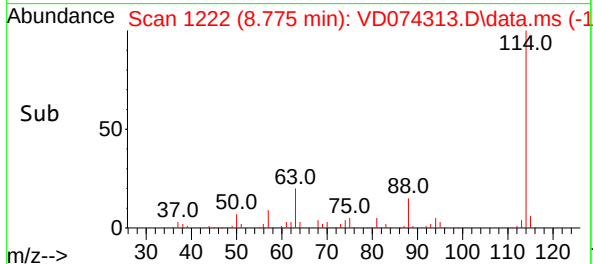
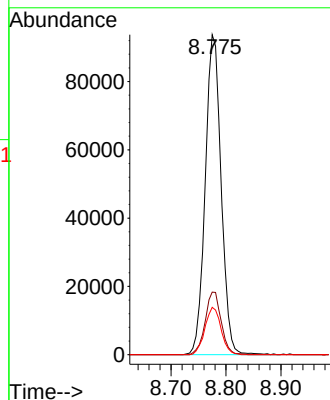
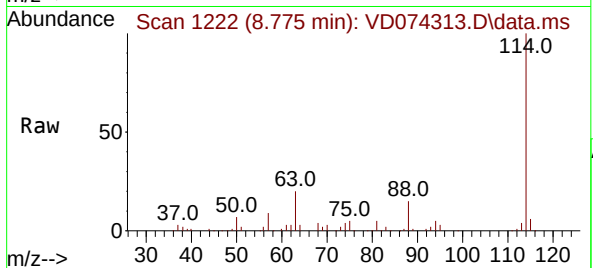
Tgt Ion:114 Resp: 188259

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.8 0.0 28.4



#35

Dibromofluoromethane

Concen: 47.307 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074313.D

Acq: 15 Sep 2022 17:30

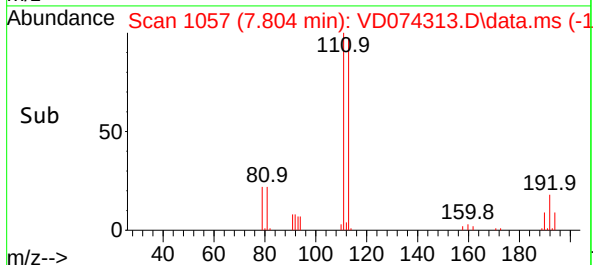
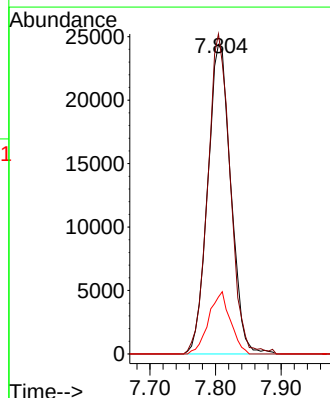
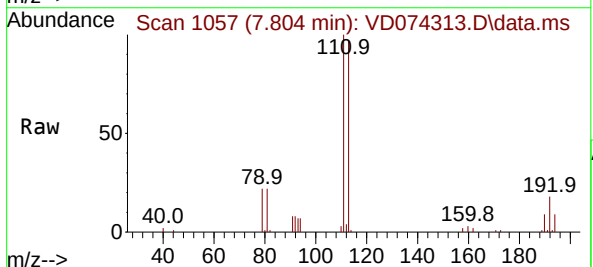
Tgt Ion:113 Resp: 59823

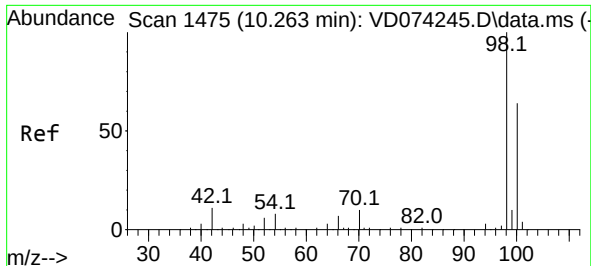
Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.6

192 18.9 16.2 24.2

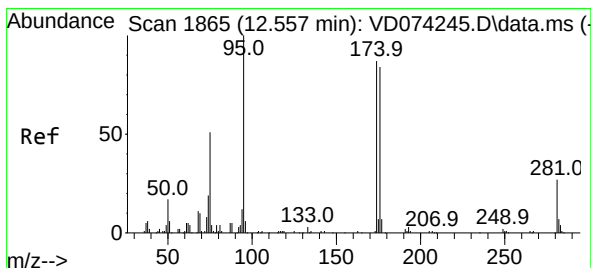
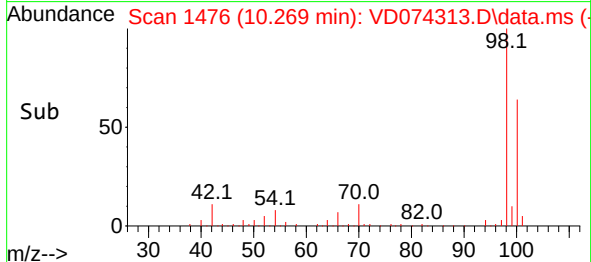
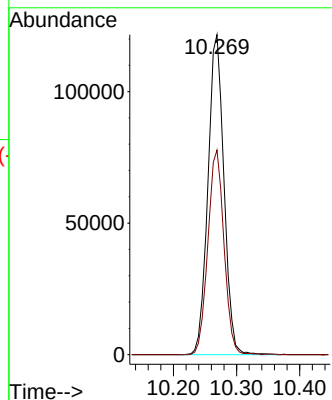
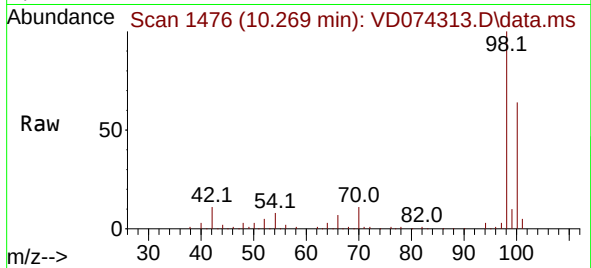




#50
Toluene-d8
Concen: 46.415 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

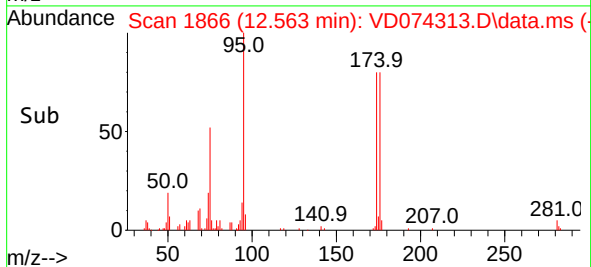
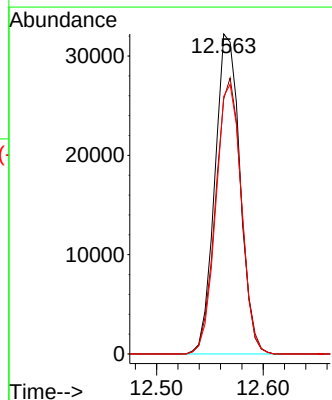
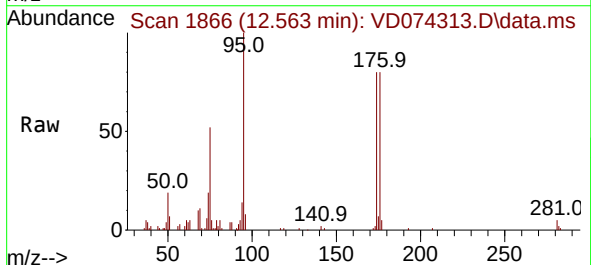
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-2-0-1

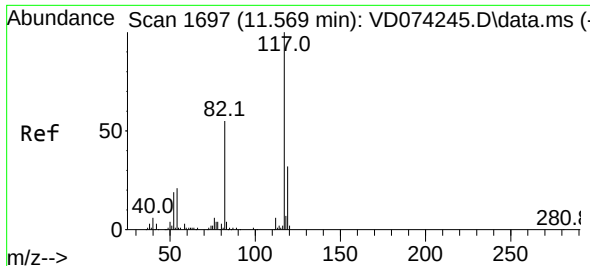
Tgt Ion: 98 Resp: 214195
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 29.967 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion: 95 Resp: 52768
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.2
176 85.6 0.0 171.4

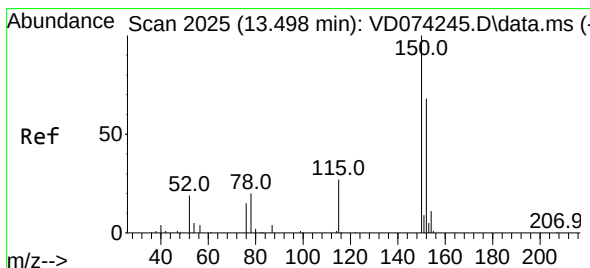
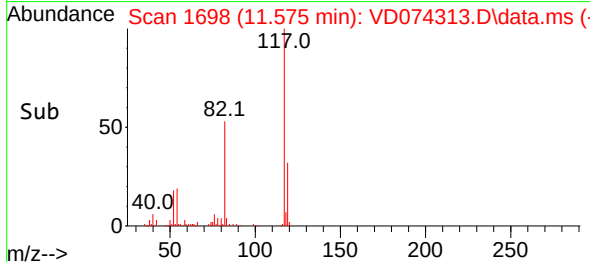
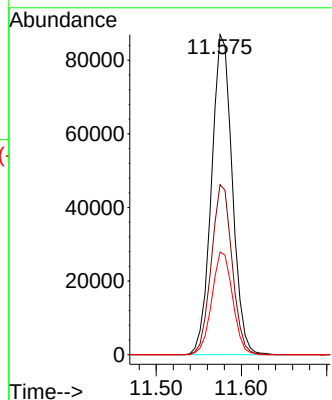
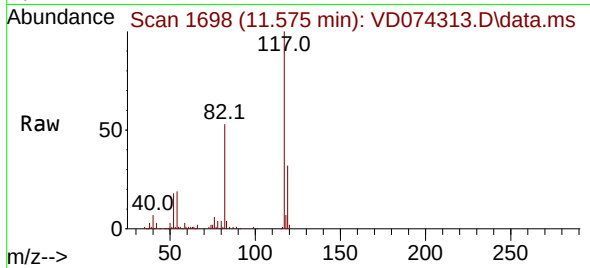




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-2-0-1

Tgt Ion:117 Resp: 147198
Ion Ratio Lower Upper
117 100
82 53.1 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. 0.012 min
Lab File: VD074313.D
Acq: 15 Sep 2022 17:30

Tgt Ion:152 Resp: 49409
Ion Ratio Lower Upper
152 100
115 57.7 28.4 85.2
150 157.9 0.0 351.0

