

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074257.D
 Acq On : 12 Sep 2022 16:16
 Operator : VA/SY
 Sample : N4453-02
 Misc : 3.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-5-(5-10)

Quant Time: Sep 13 04:42:48 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	7.869	168	69789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	184446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	93472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	45923	64.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.080%
35) Dibromofluoromethane	7.799	113	59484	50.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.263	98	222581	51.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.563	95	80922	54.383	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.760%

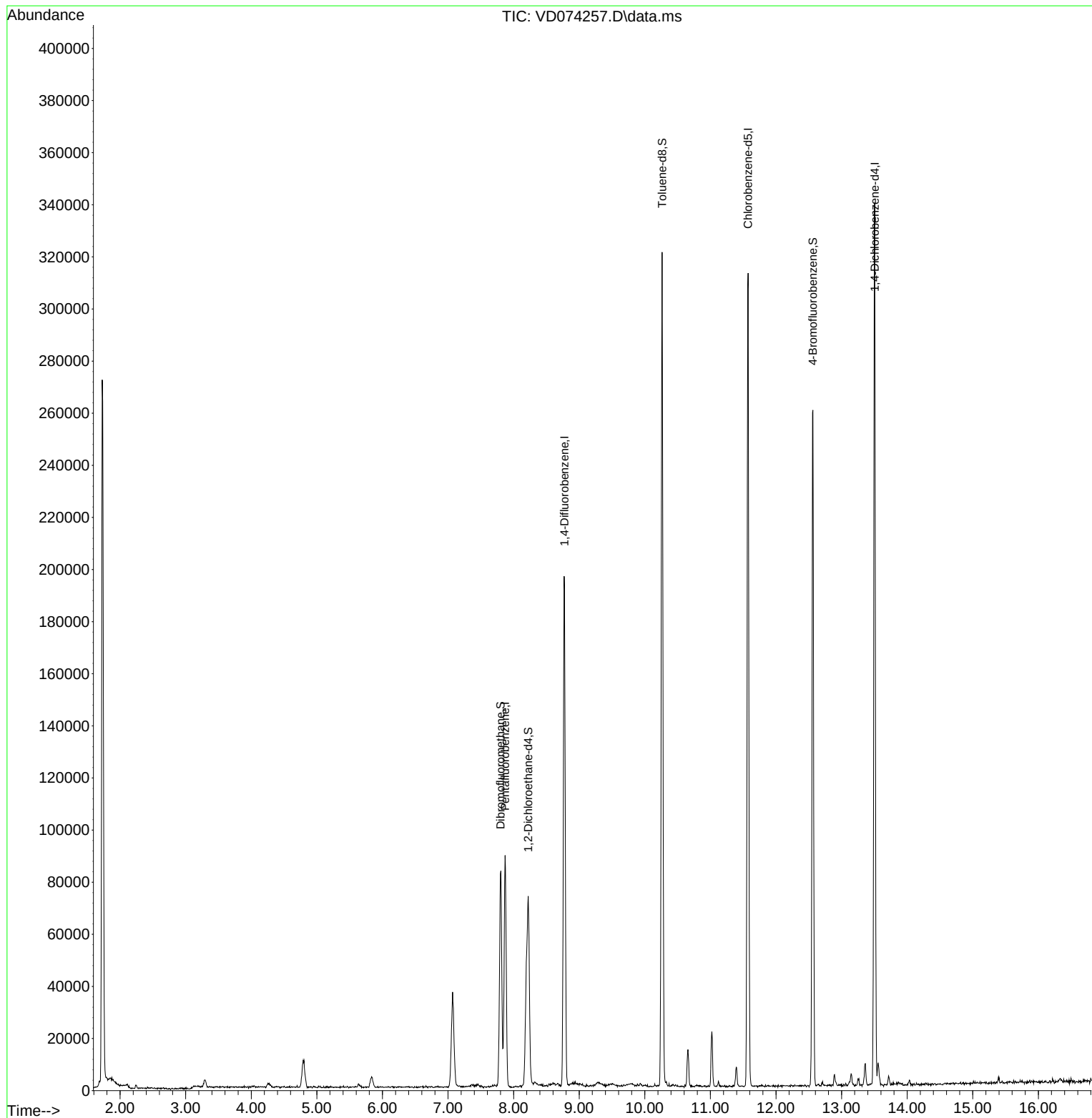
Target Compounds	Qvalue

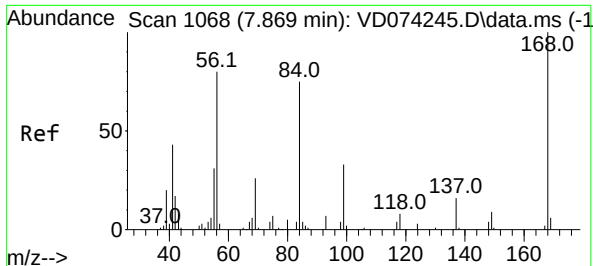
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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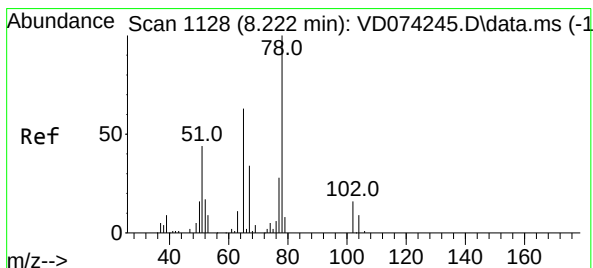
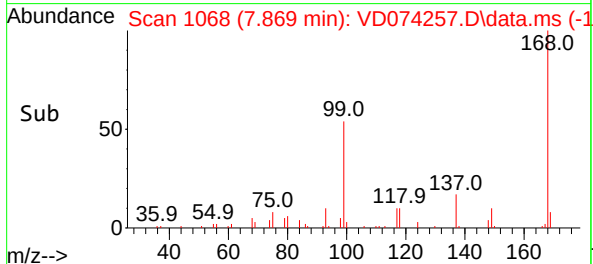
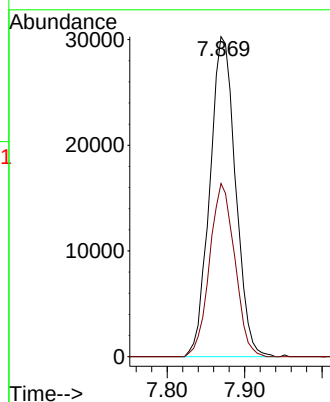
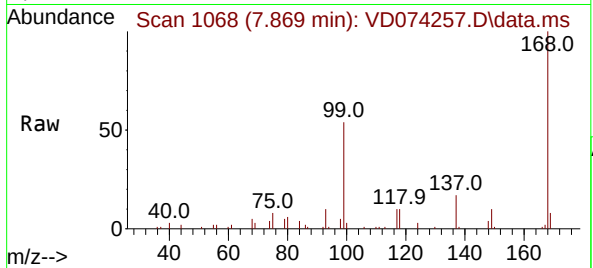




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074257.D
Acq: 12 Sep 2022 16:16

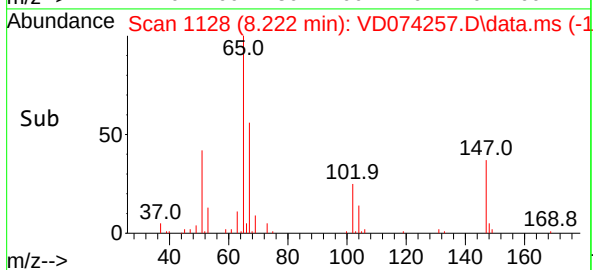
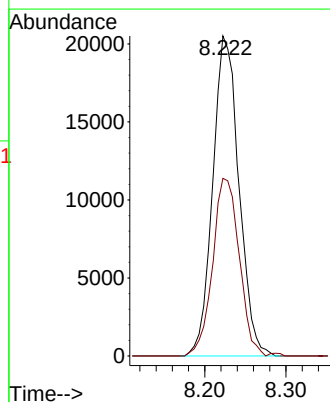
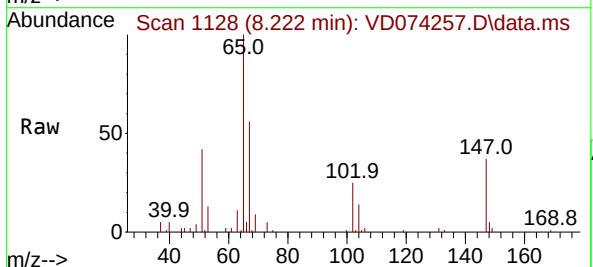
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(5-10)

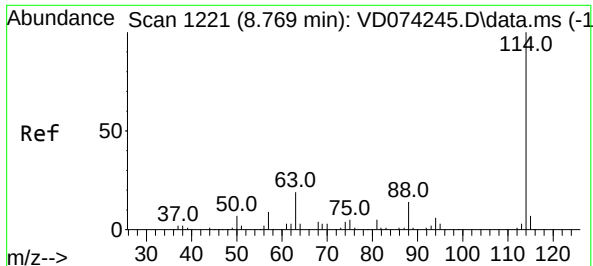
Tgt Ion:168 Resp: 69789
Ion Ratio Lower Upper
168 100
99 54.1 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 64.543 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VD074257.D
Acq: 12 Sep 2022 16:16

Tgt Ion: 65 Resp: 45923
Ion Ratio Lower Upper
65 100
67 56.3 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: VD074257.D

Acq: 12 Sep 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-5-(5-10)

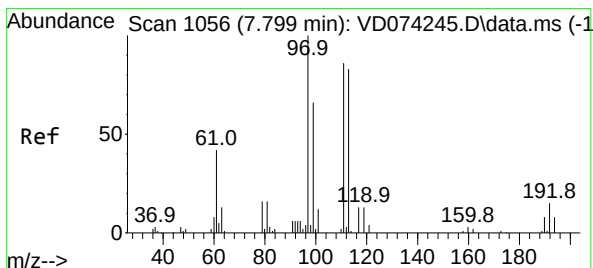
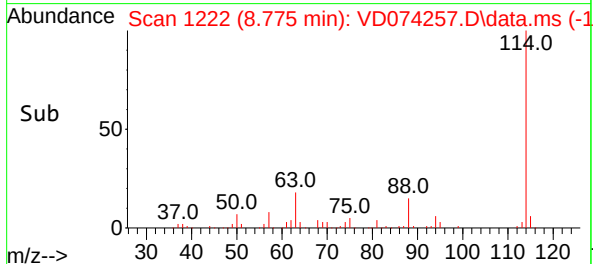
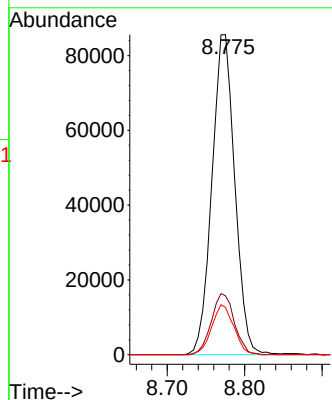
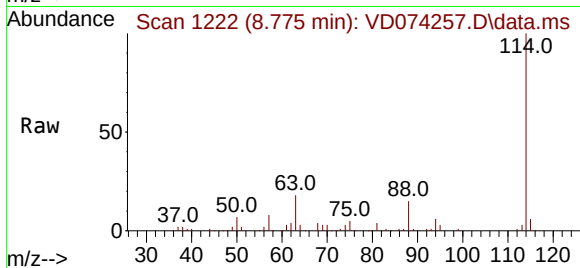
Tgt Ion:114 Resp: 175770

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

88 14.8 0.0 28.4



#35

Dibromofluoromethane

Concen: 50.610 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074257.D

Acq: 12 Sep 2022 16:16

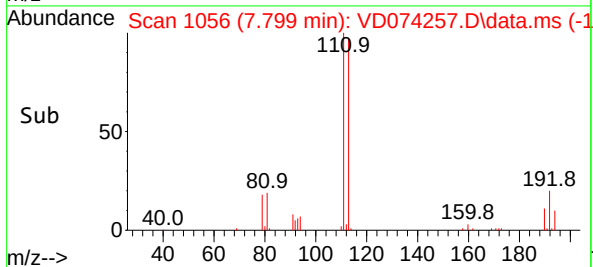
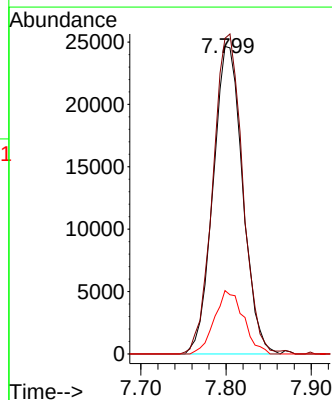
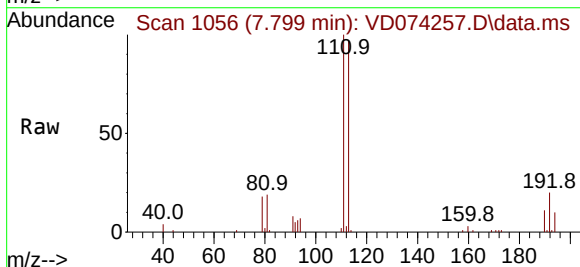
Tgt Ion:113 Resp: 59484

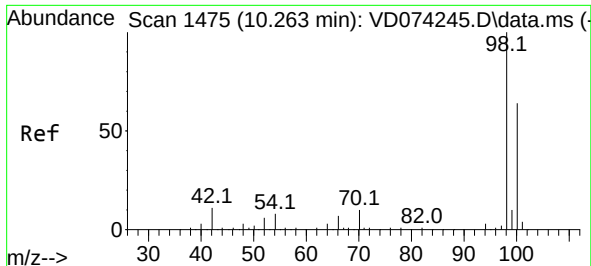
Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.6

192 20.2 16.2 24.2

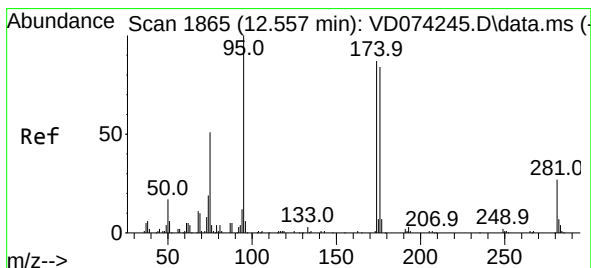
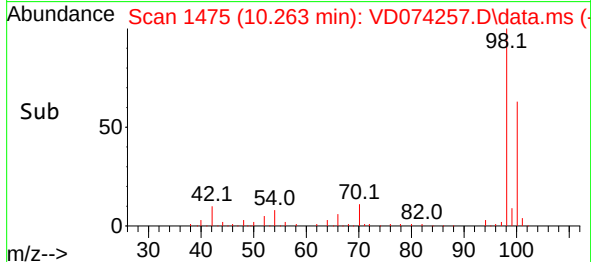
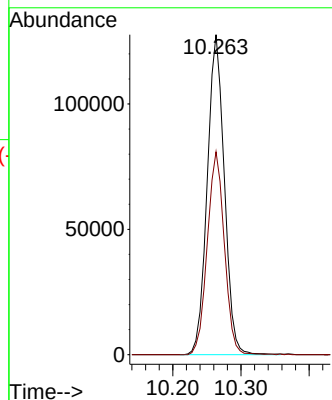
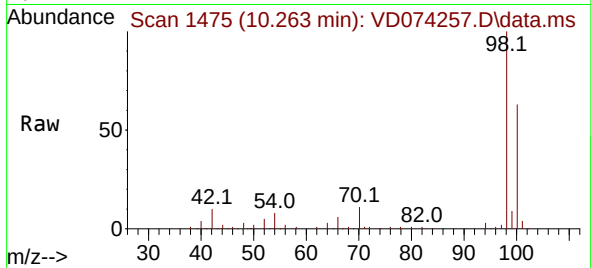




#50
Toluene-d8
Concen: 51.659 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074257.D
Acq: 12 Sep 2022 16:16

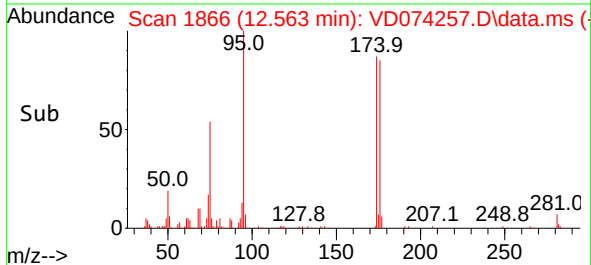
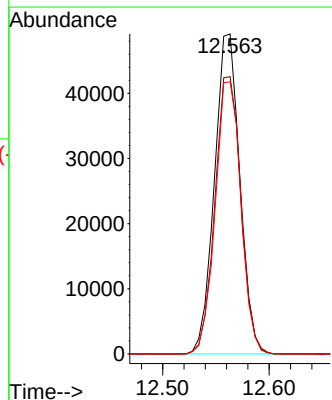
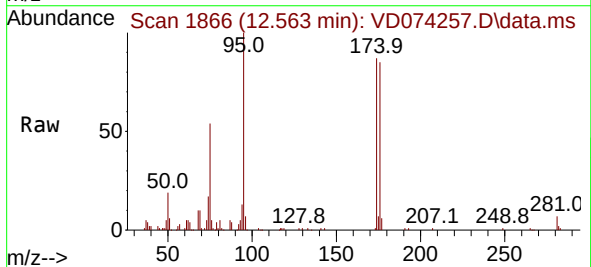
Instrument :
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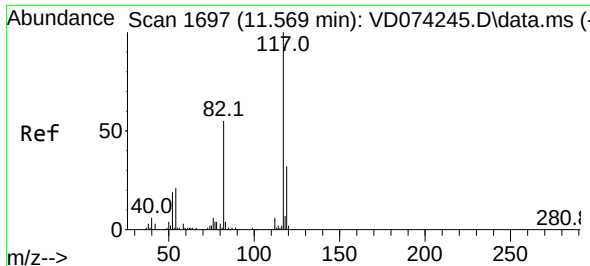
Tgt Ion: 98 Resp: 222581
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 54.383 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074257.D
Acq: 12 Sep 2022 16:16

Tgt Ion: 95 Resp: 80922
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.2
176 86.4 0.0 171.4

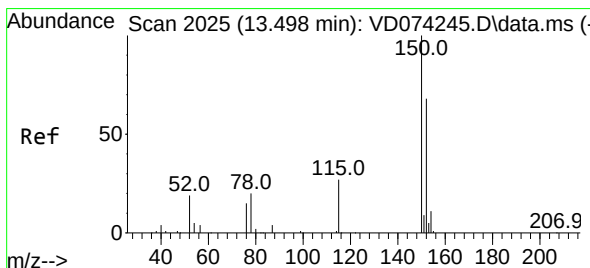
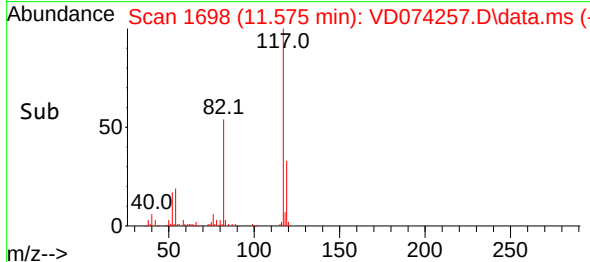
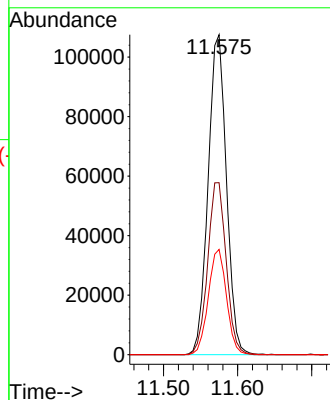
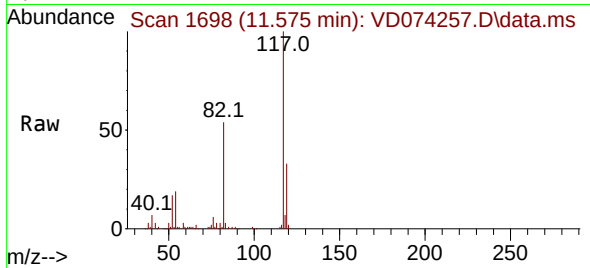




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD074257.D
Acq: 12 Sep 2022 16:16

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-5-(5-10)

Tgt Ion:117 Resp: 184446
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.9 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: VD074257.D
Acq: 12 Sep 2022 16:16

Tgt Ion:152 Resp: 93472
Ion Ratio Lower Upper
152 100
115 56.1 28.4 85.2
150 157.1 0.0 351.0

