

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074252.D
 Acq On : 12 Sep 2022 12:54
 Operator : VA/SY
 Sample : VD0912SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBL01

Quant Time: Sep 13 04:40:57 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	115640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	192107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	171008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	82105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60717	51.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.000%
35) Dibromofluoromethane	7.799	113	66279	51.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.320%
50) Toluene-d8	10.263	98	253370	53.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.557	95	79148	47.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.640%

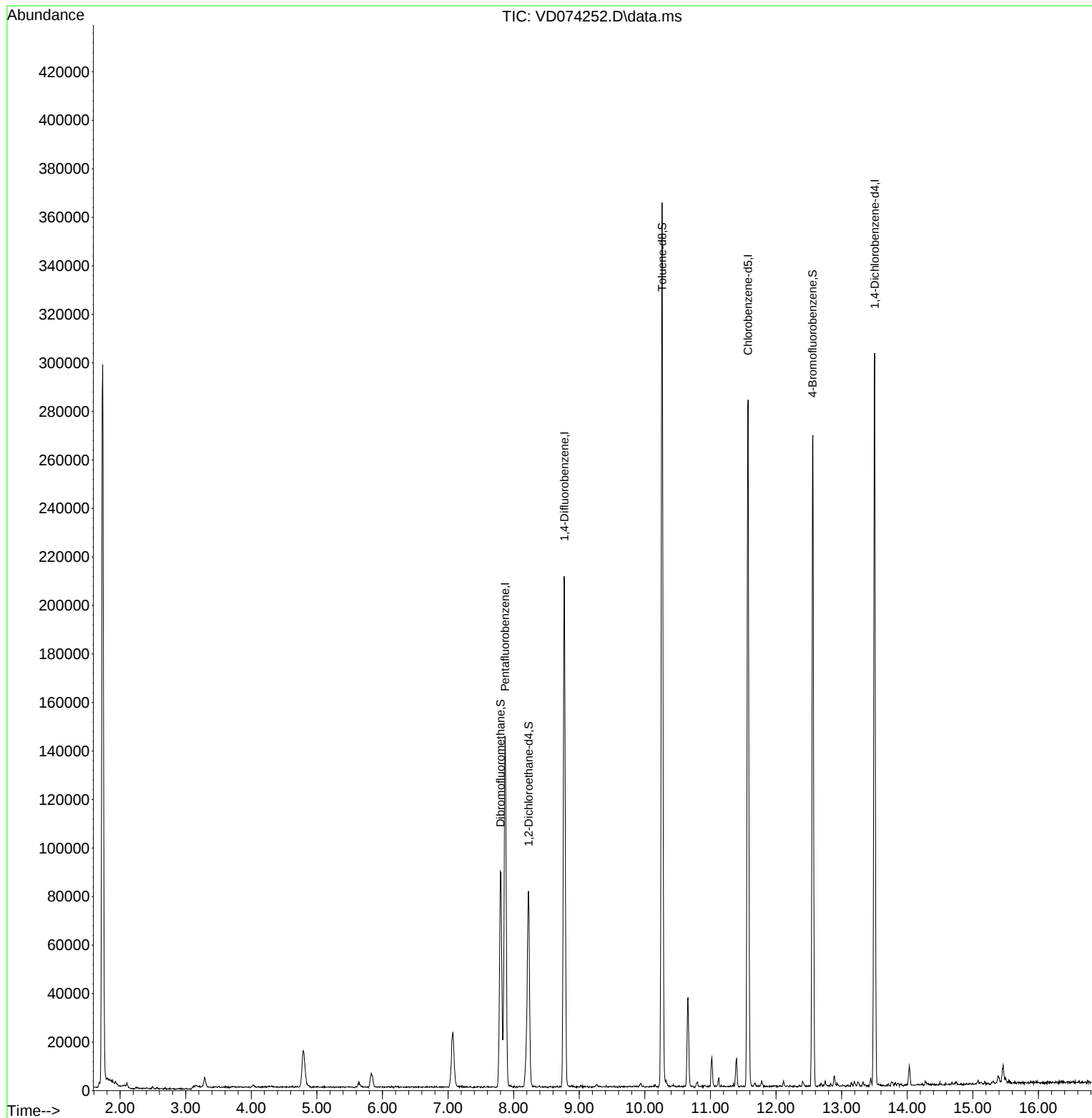
Target Compounds	Qvalue

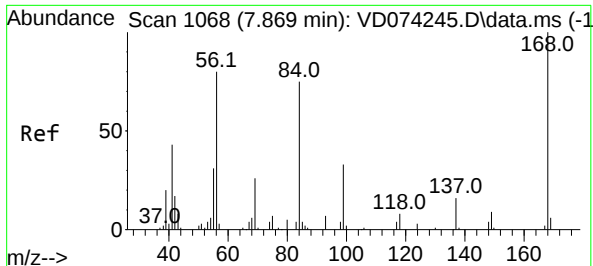
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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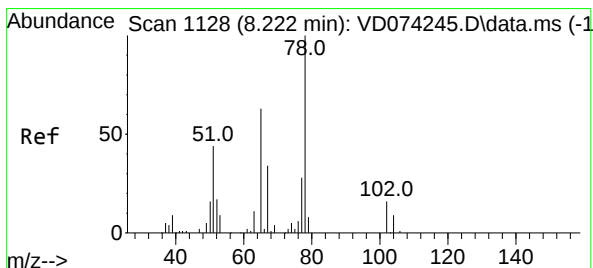
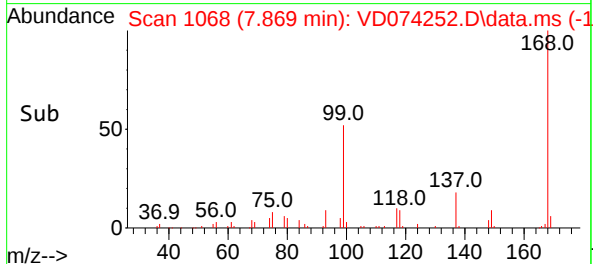
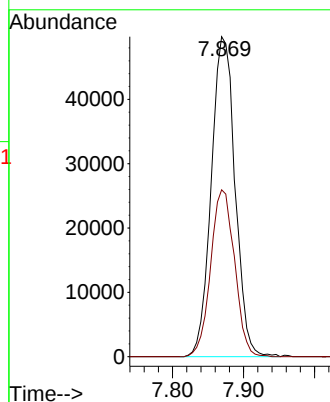
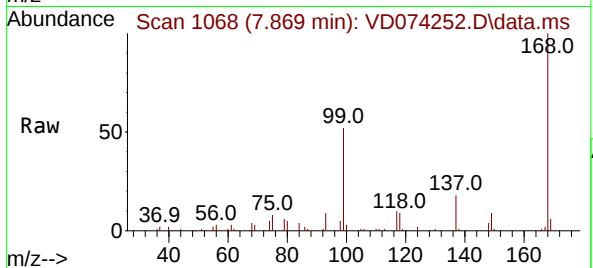




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

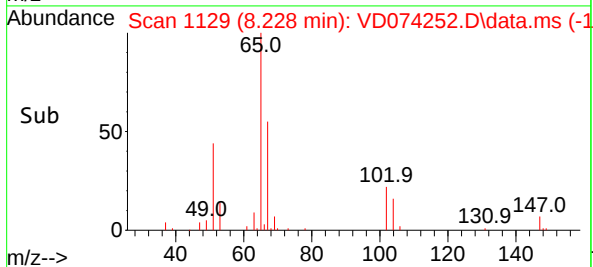
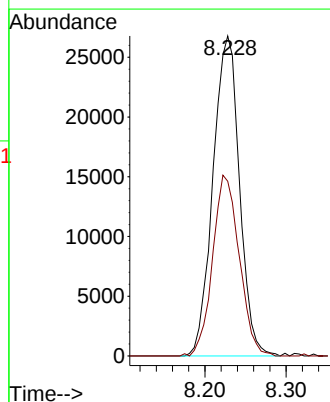
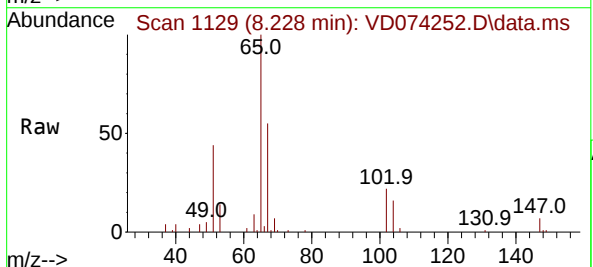
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

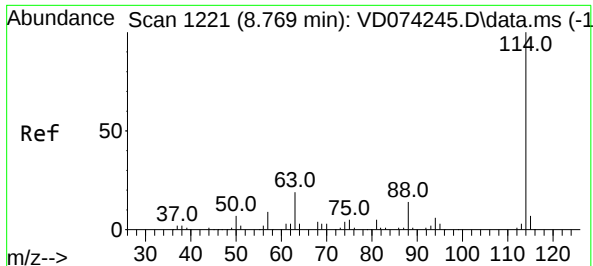
Tgt Ion:168 Resp: 115640
Ion Ratio Lower Upper
168 100
99 52.1 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 51.500 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 65 Resp: 60717
Ion Ratio Lower Upper
65 100
67 56.8 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: VD074252.D

Acq: 12 Sep 2022 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBL01

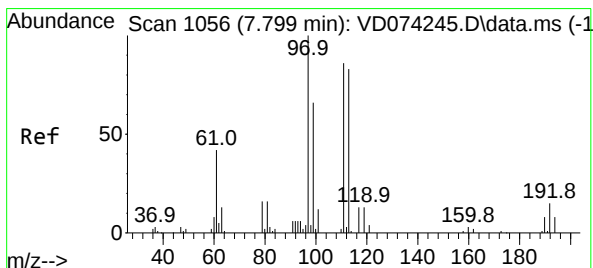
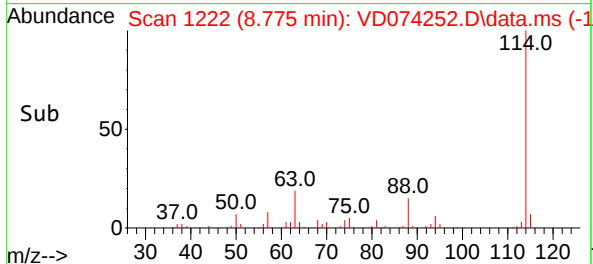
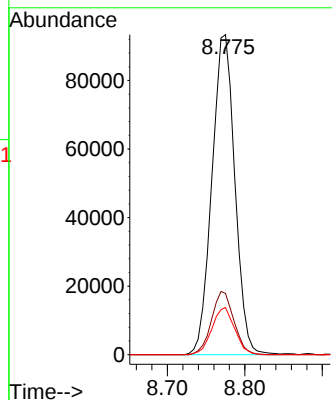
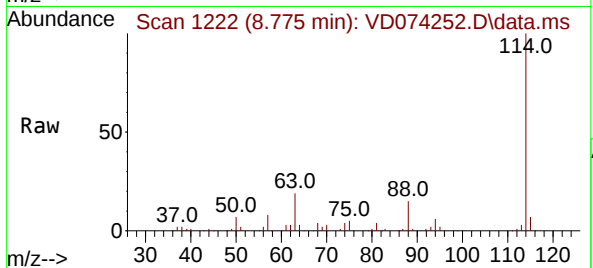
Tgt Ion:114 Resp: 192107

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.8 0.0 28.4



#35

Dibromofluoromethane

Concen: 51.665 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074252.D

Acq: 12 Sep 2022 12:54

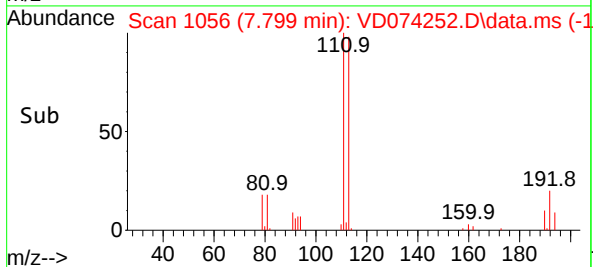
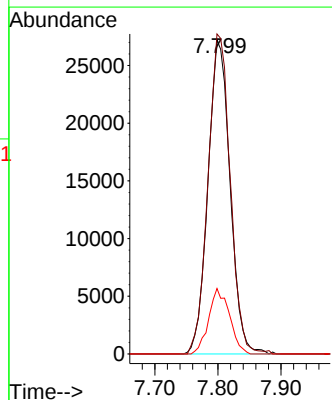
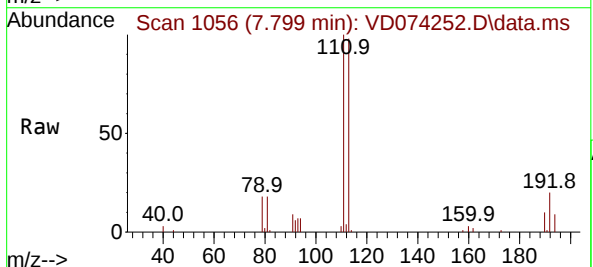
Tgt Ion:113 Resp: 66279

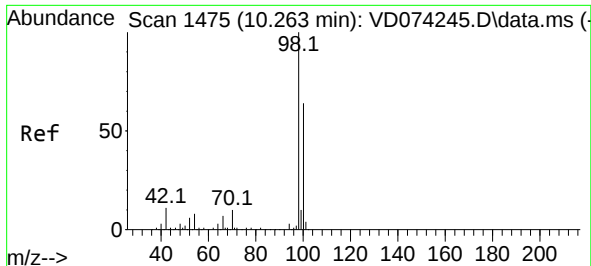
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.6

192 19.6 16.2 24.2

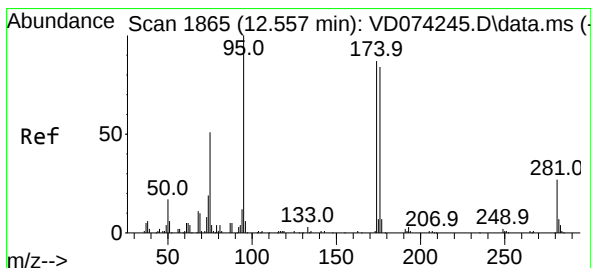
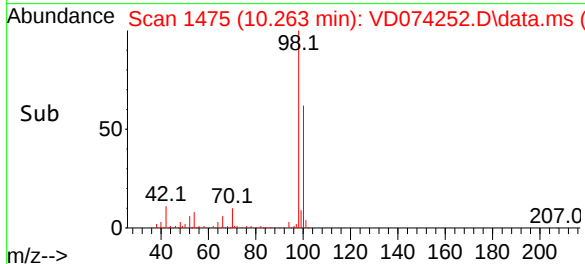
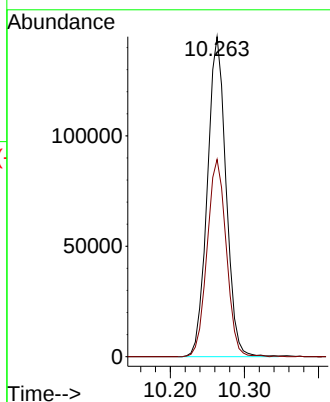
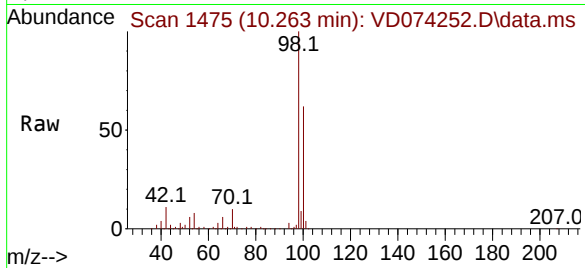




#50
Toluene-d8
Concen: 53.804 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

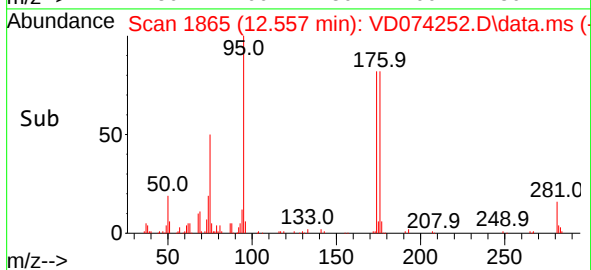
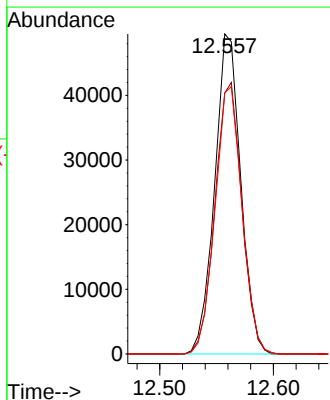
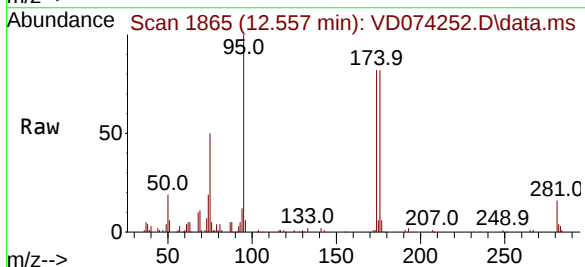
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

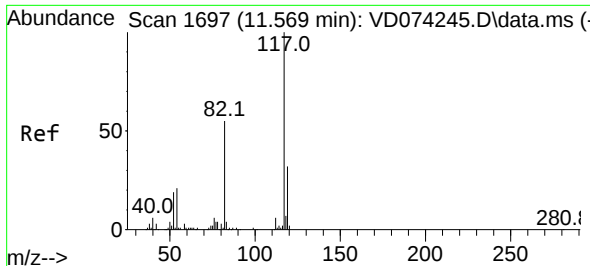
Tgt Ion: 98 Resp: 253370
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.823 ug/l
RT: 12.557 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion: 95 Resp: 79148
Ion Ratio Lower Upper
95 100
174 87.1 0.0 179.2
176 86.2 0.0 171.4

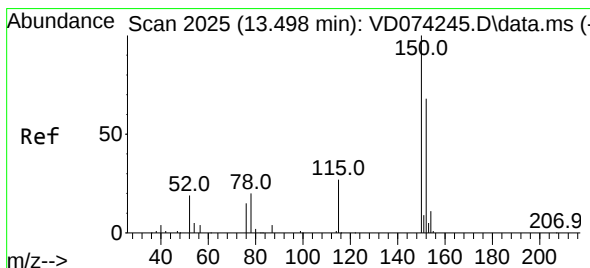
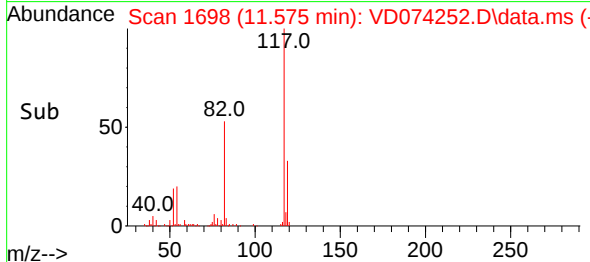
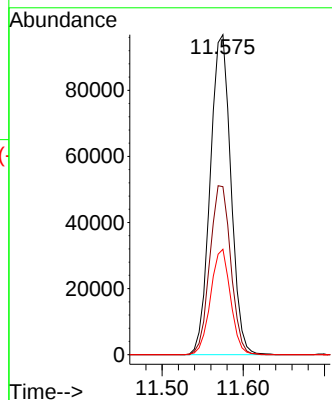
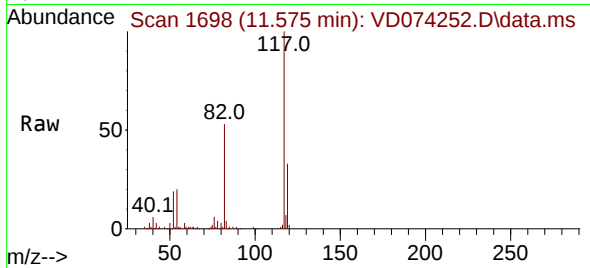




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074252.D
Acq: 12 Sep 2022 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0912SBL01

Tgt Ion:117 Resp: 171008
Ion Ratio Lower Upper
117 100
82 52.5 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: VD074252.D
Acq: 12 Sep 2022 12:54

Tgt Ion:152 Resp: 82105
Ion Ratio Lower Upper
152 100
115 55.9 28.4 85.2
150 157.7 0.0 351.0

