

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074664.D
 Acq On : 28 Oct 2022 11:50
 Operator : VA/SY
 Sample : VD1028SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBL01

Quant Time: Oct 29 02:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55819	50.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.780%
35) Dibromofluoromethane	7.804	113	68226	50.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.269	98	265889	51.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.360%
62) 4-Bromofluorobenzene	12.575	95	73116	51.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.480%

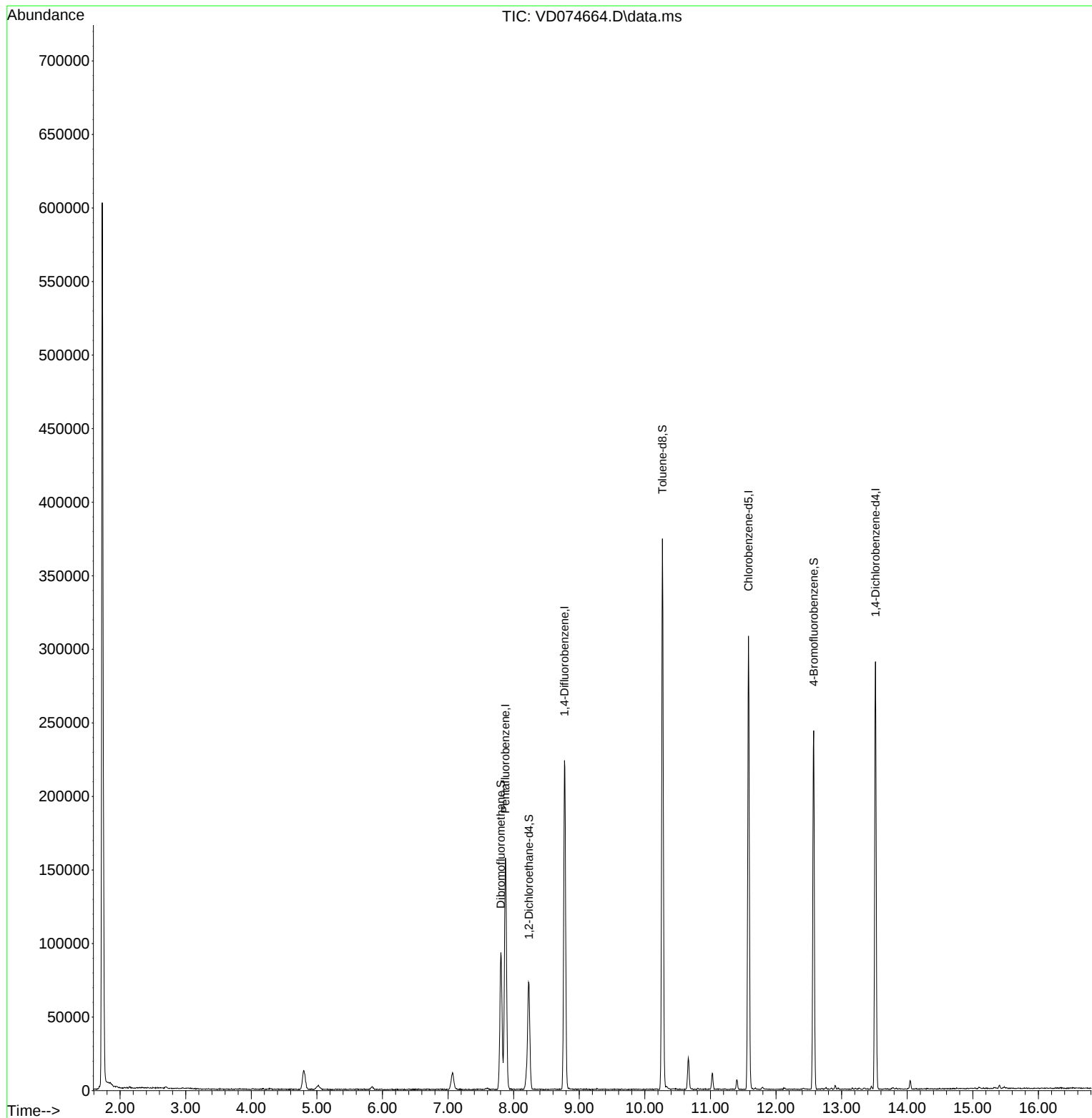
Target Compounds	Qvalue

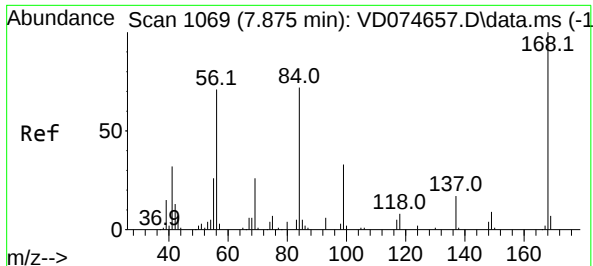
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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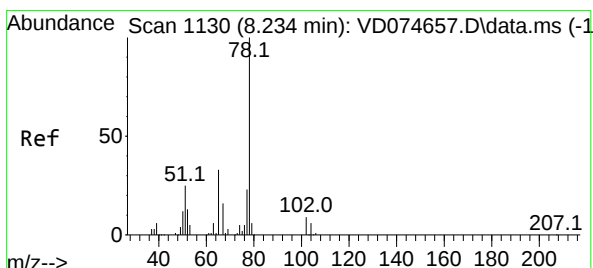
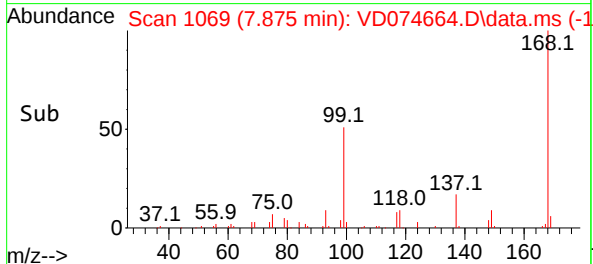
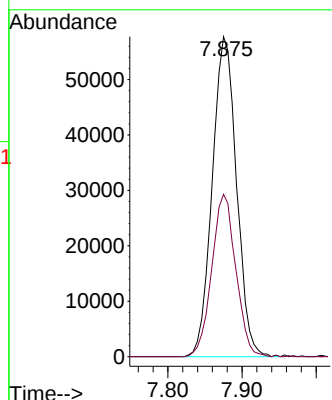
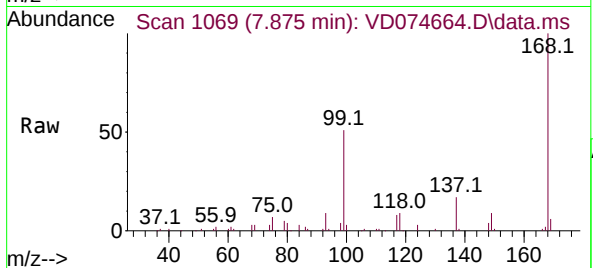




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

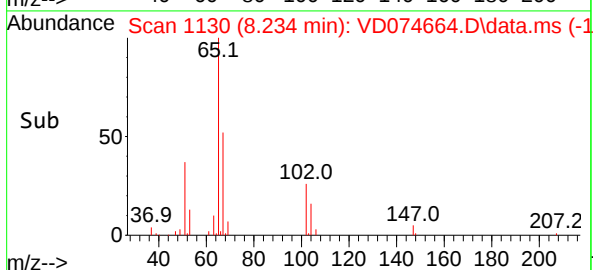
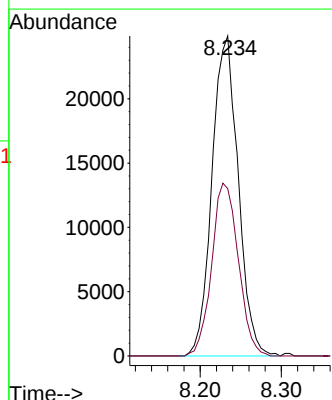
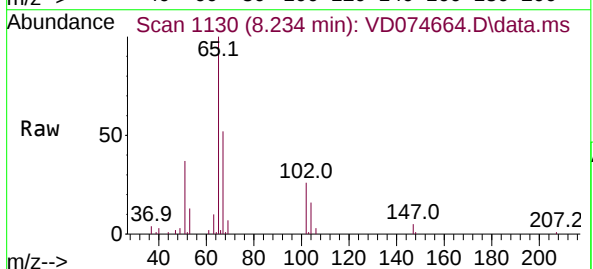
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

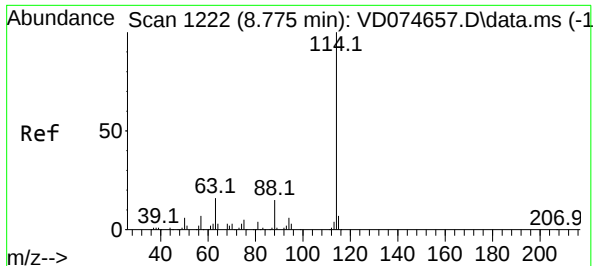
Tgt Ion:168 Resp: 131238
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 50.393 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 65 Resp: 55819
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

VD1028SBL01

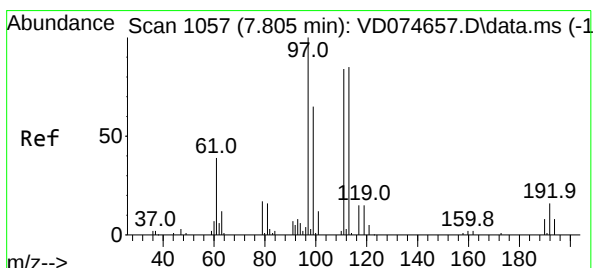
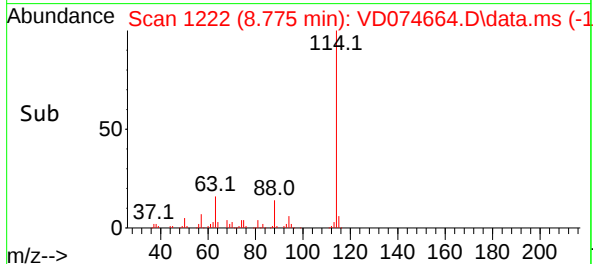
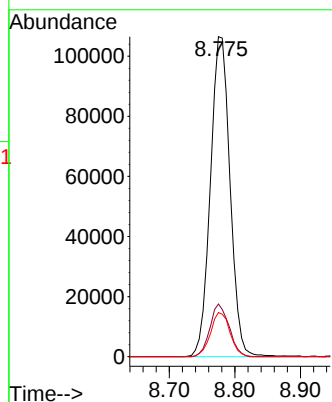
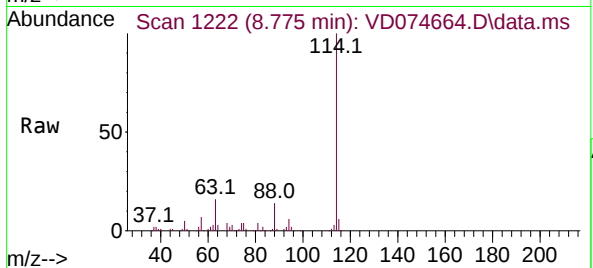
Tgt Ion:114 Resp: 221252

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.500 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

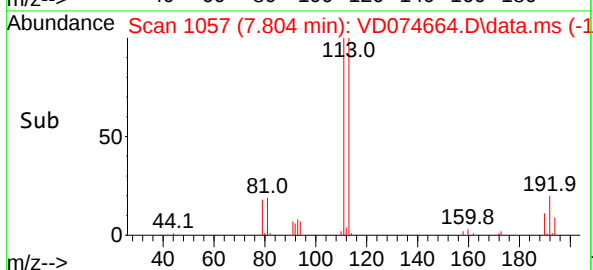
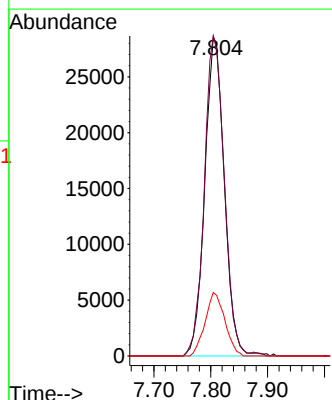
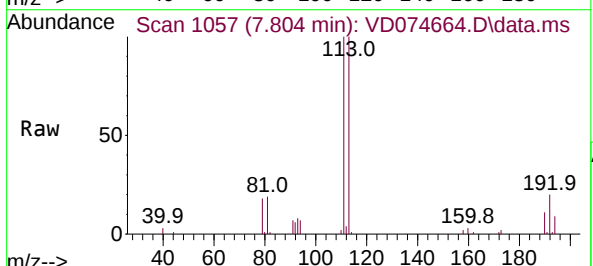
Tgt Ion:113 Resp: 68226

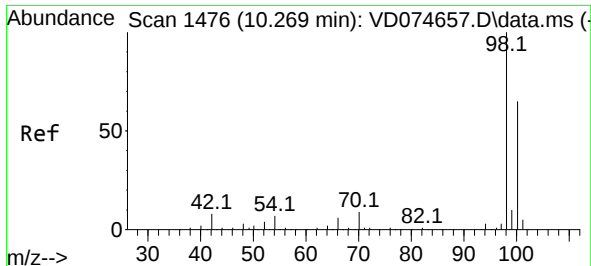
Ion Ratio Lower Upper

113 100

111 101.6 82.3 123.5

192 20.0 16.4 24.6

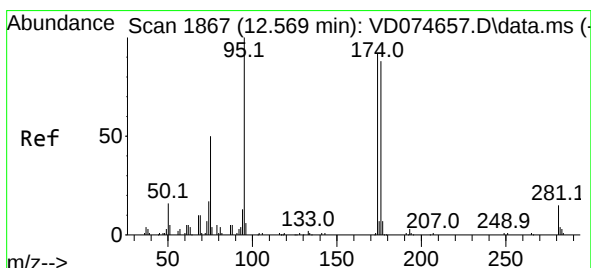
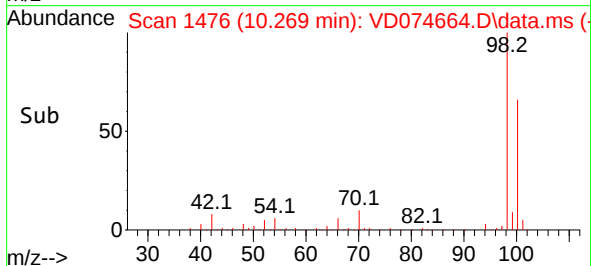
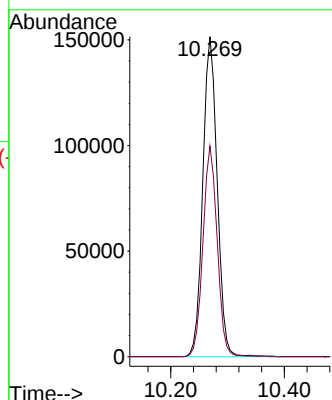
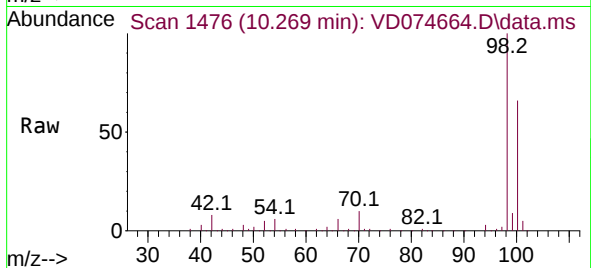




#50
Toluene-d8
Concen: 51.176 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

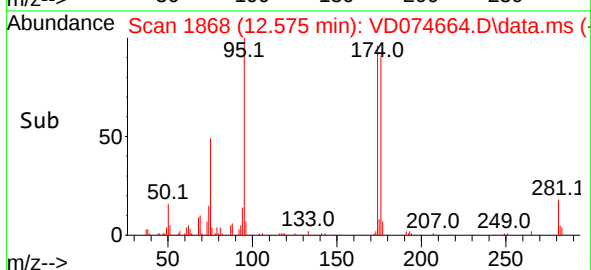
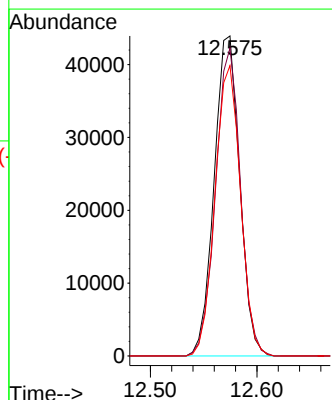
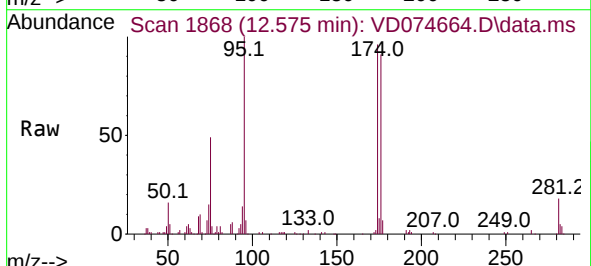
Instrument :
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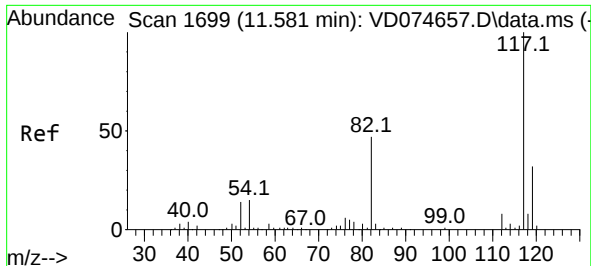
Tgt Ion: 98 Resp: 265889
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 95 Resp: 73116
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 90.5 0.0 182.6

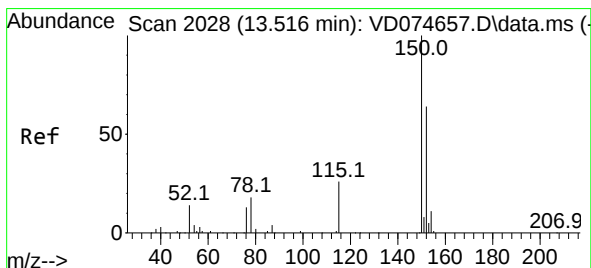
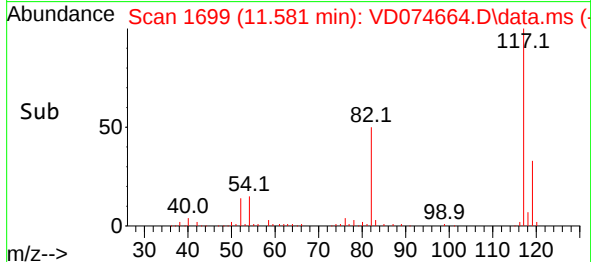
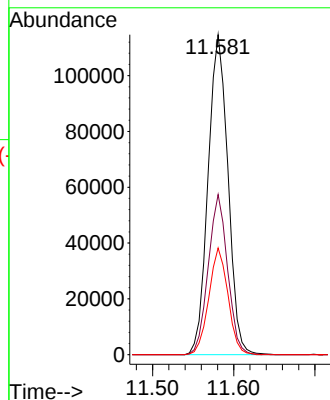
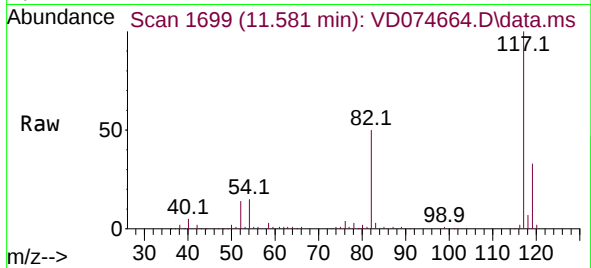




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

Tgt Ion:117 Resp: 194946
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 33.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion:152 Resp: 84921
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 156.1 0.0 348.2

