

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073764.D
 Acq On : 01 Jul 2022 15:06
 Operator : VA/SY
 Sample : N3502-05
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-UC

Quant Time: Jul 05 05:08:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	170721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	347713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	309354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	135784	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	111114	66.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.440%
35) Dibromofluoromethane	7.908	113	107422	56.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.332	98	428740	61.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.760%
62) 4-Bromofluorobenzene	12.620	95	147013	53.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.580%

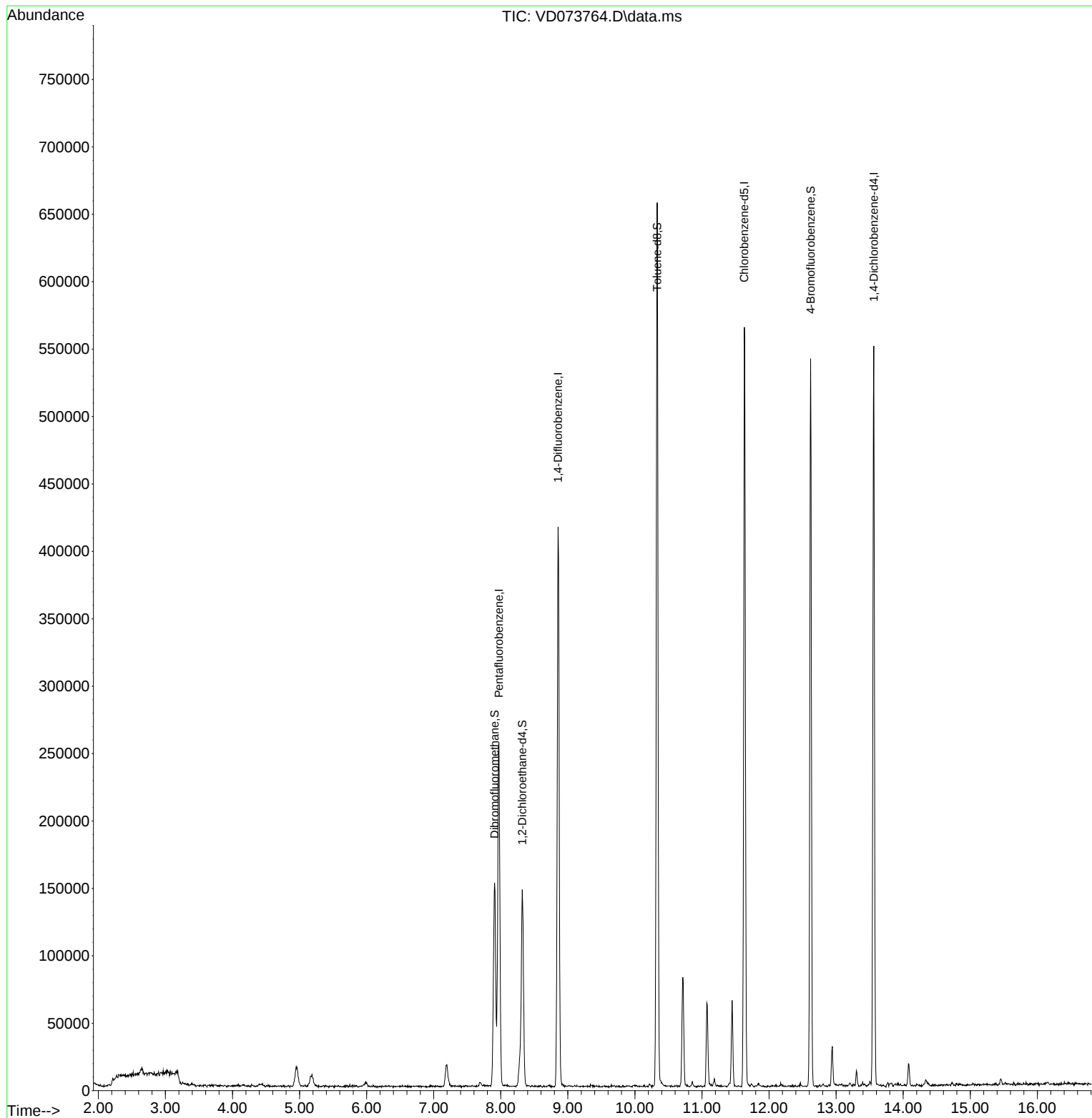
Target Compounds	Qvalue

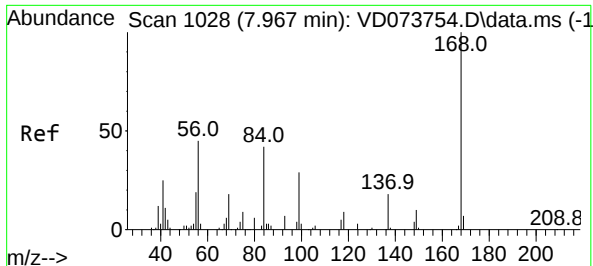
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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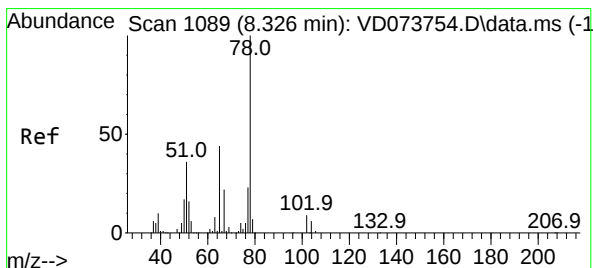
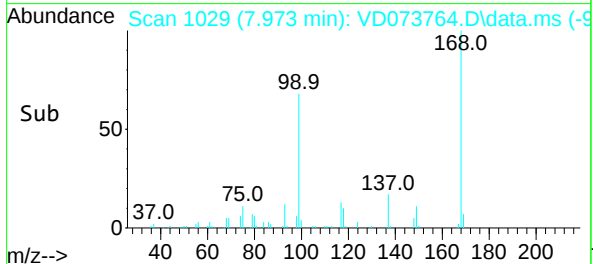
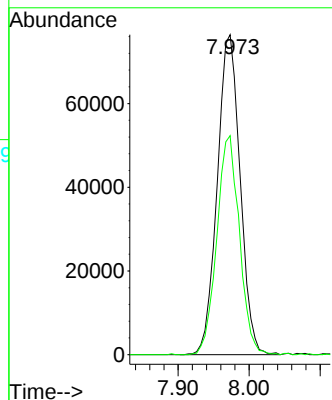
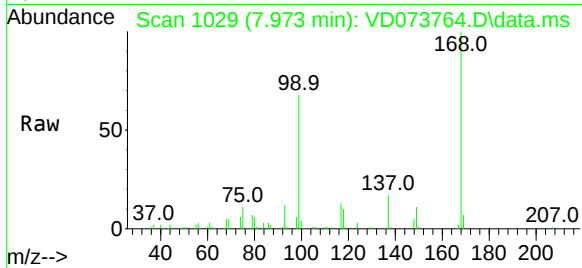




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

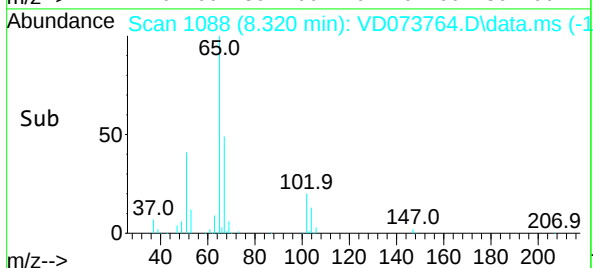
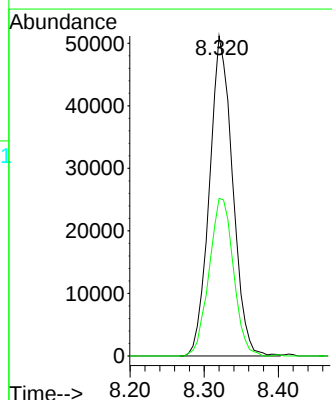
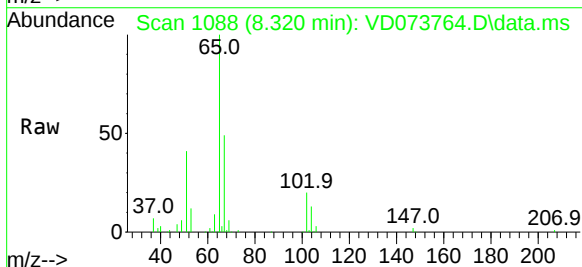
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

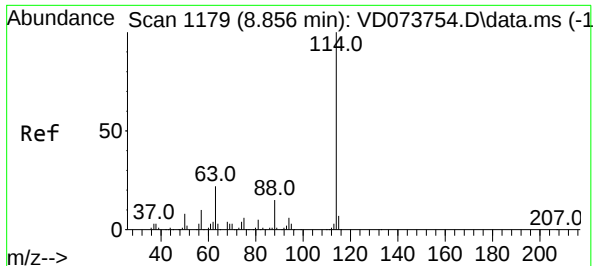
Tgt Ion:168 Resp: 170721
Ion Ratio Lower Upper
168 100
99 68.4 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 66.718 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 65 Resp: 111114
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

D-43-UC

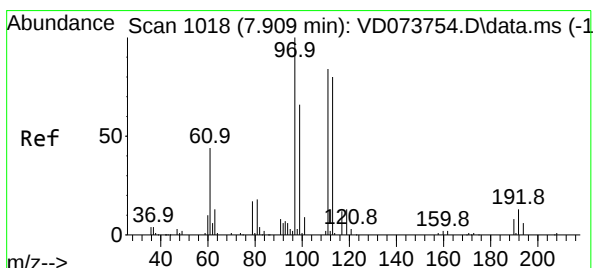
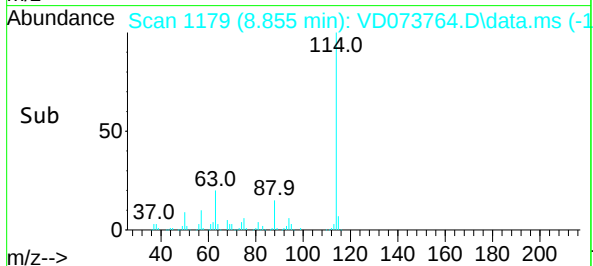
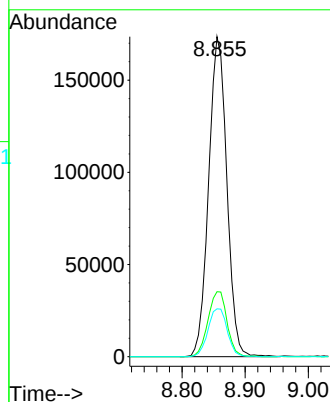
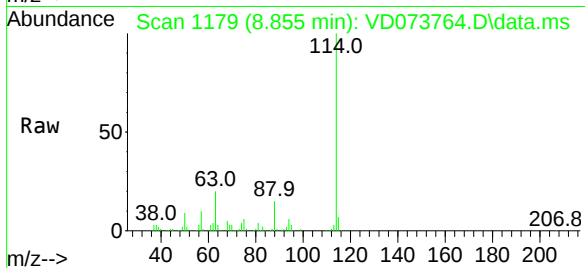
Tgt Ion:114 Resp: 347713

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 56.869 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

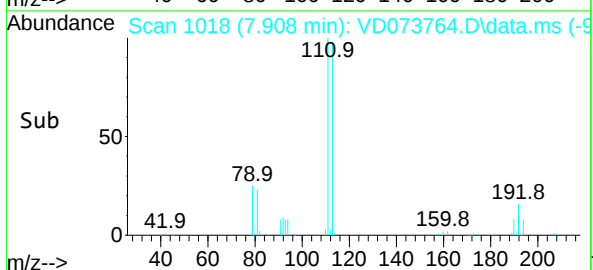
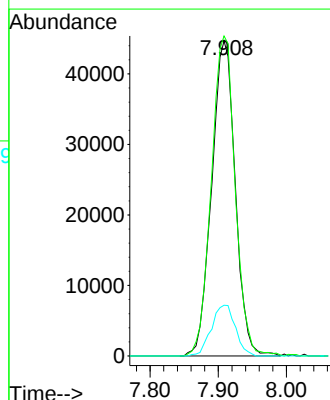
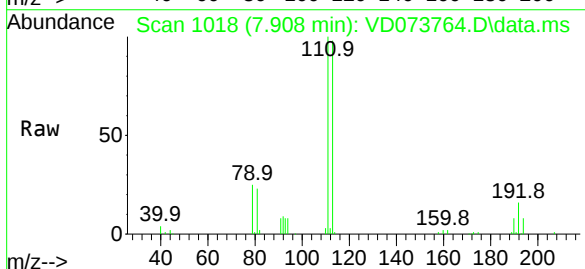
Tgt Ion:113 Resp: 107422

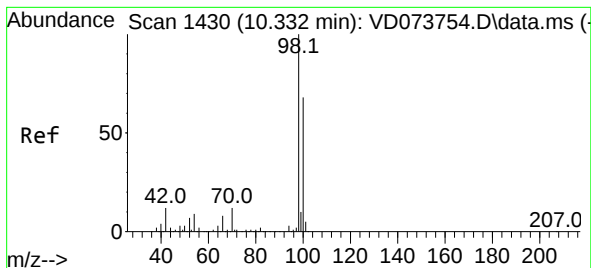
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

192 16.4 14.8 22.2

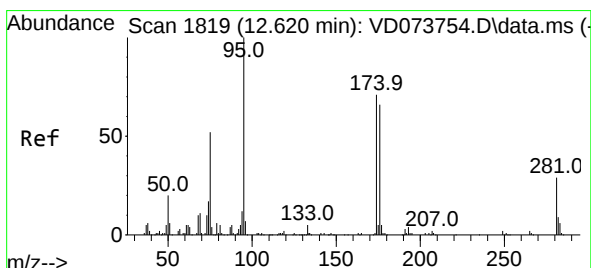
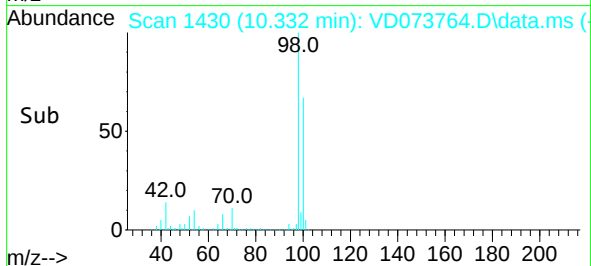
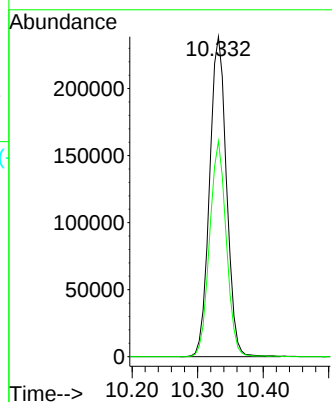
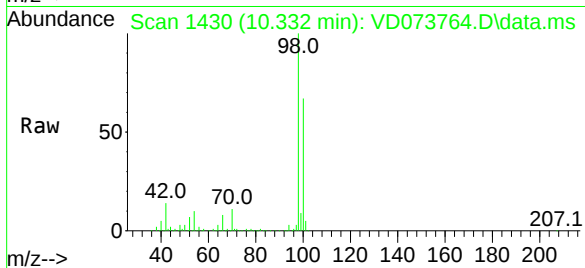




#50
Toluene-d8
Concen: 61.876 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

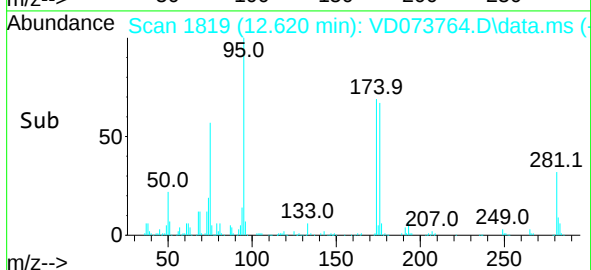
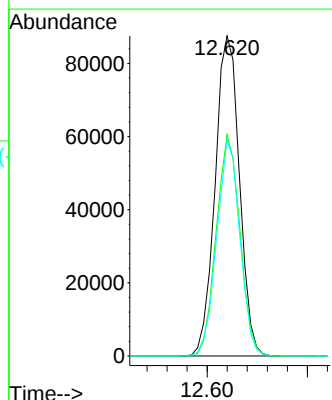
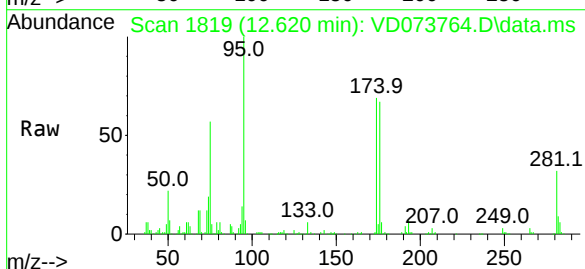
Instrument :
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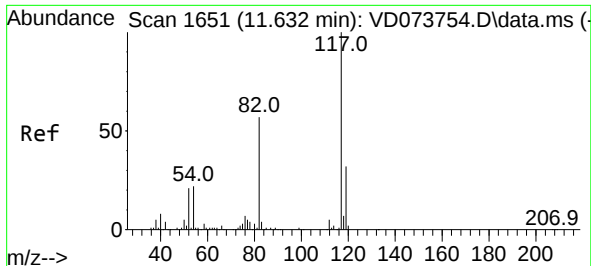
Tgt Ion: 98 Resp: 428740
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 53.794 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 95 Resp: 147013
Ion Ratio Lower Upper
95 100
174 67.3 0.0 158.4
176 64.3 0.0 154.8

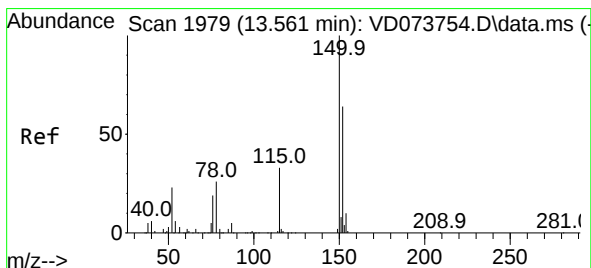
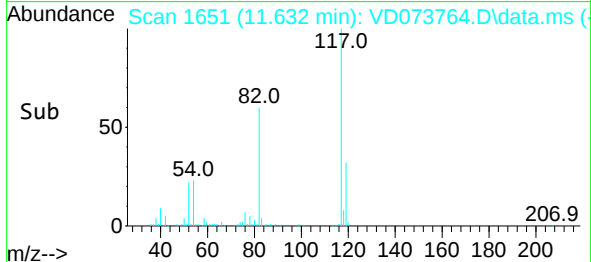
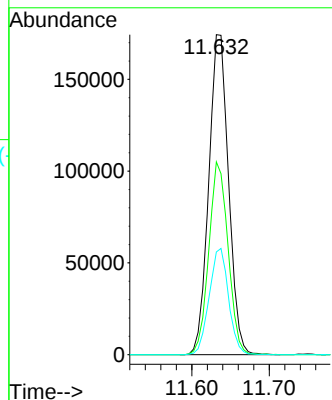
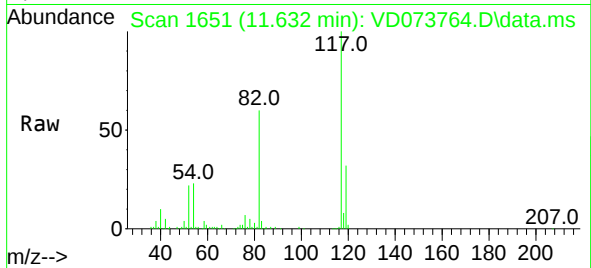




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

Tgt Ion:117 Resp: 309354
Ion Ratio Lower Upper
117 100
82 60.3 41.5 62.3
119 32.1 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion:152 Resp: 135784
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 154.4 0.0 355.0

