

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073711.D
 Acq On : 25 Jun 2022 16:00
 Operator : VA/SY
 Sample : N3454-11
 Misc : 3.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-3-GR

Quant Time: Jun 27 09:38:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	248213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	487485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	501047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	283154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171896	56.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.780%
35) Dibromofluoromethane	7.908	113	167589	44.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.260%
50) Toluene-d8	10.332	98	607960	44.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.180%
62) 4-Bromofluorobenzene	12.620	95	337264	65.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.900%

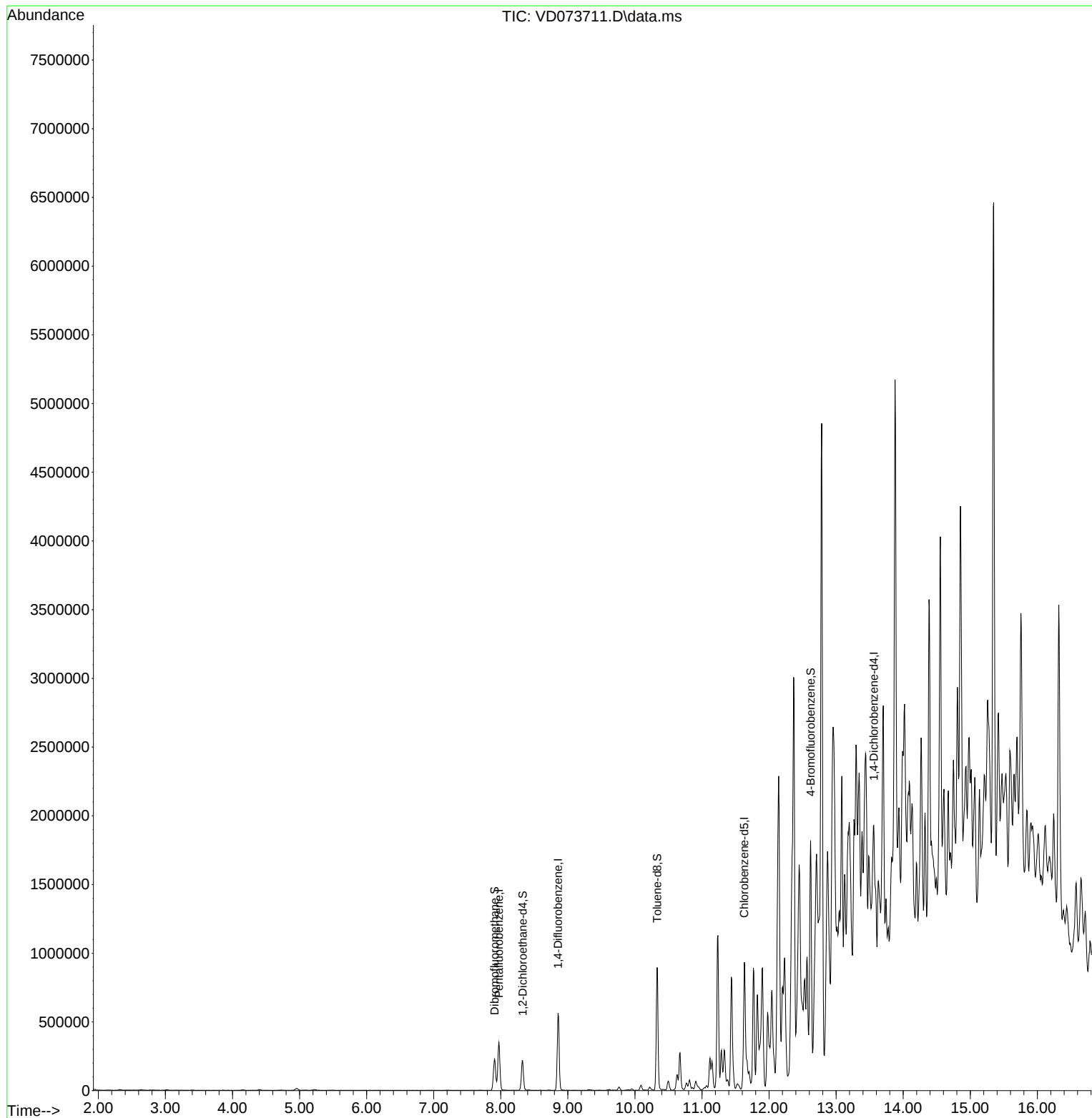
Target Compounds	Qvalue

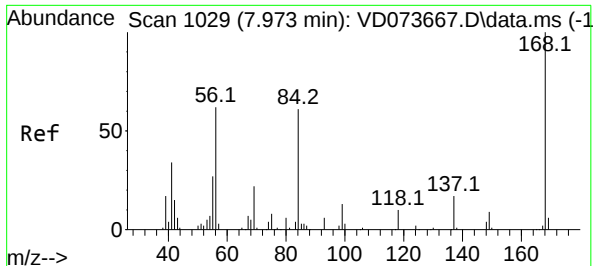
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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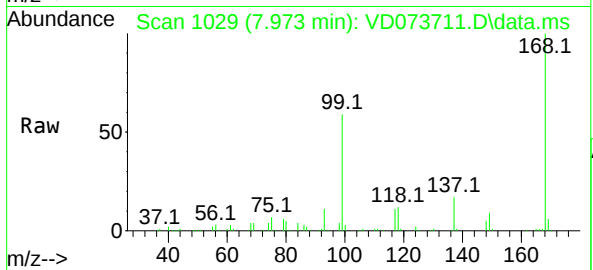
Quant Time: Jun 27 09:38:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
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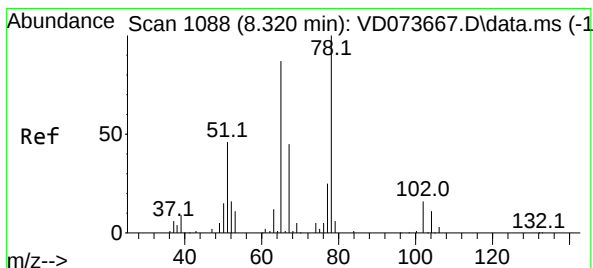
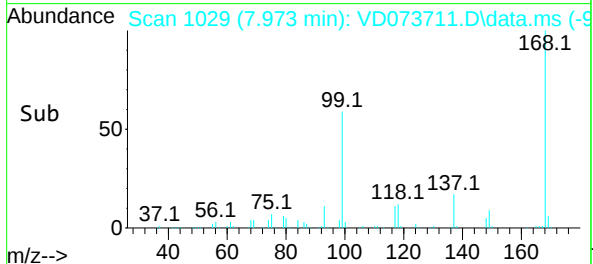
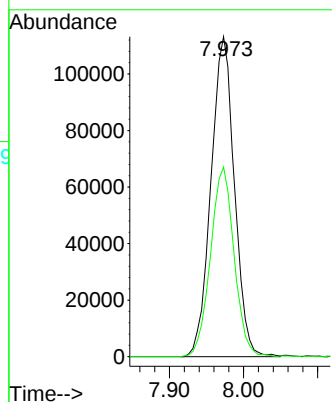


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

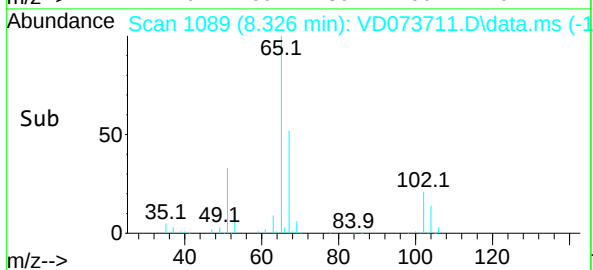
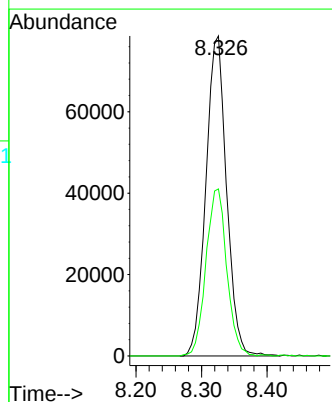
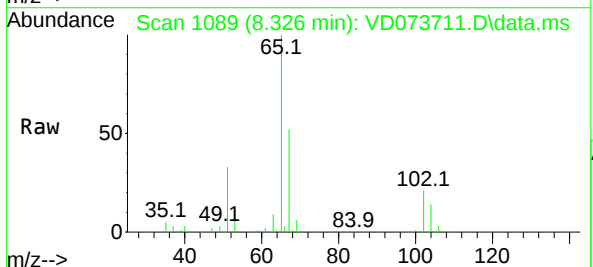


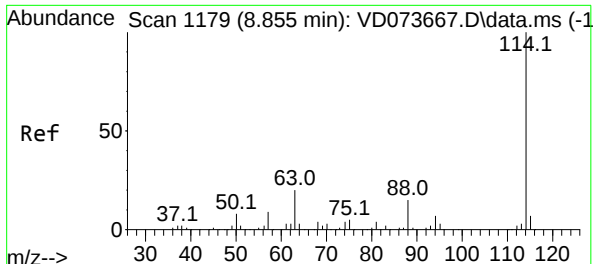
Tgt Ion:168 Resp: 248213
Ion Ratio Lower Upper
168 100
99 59.2 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 56.385 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 65 Resp: 171896
Ion Ratio Lower Upper
65 100
67 52.6 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: VD073711.D

Acq: 25 Jun 2022 16:00

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-3-3-GR

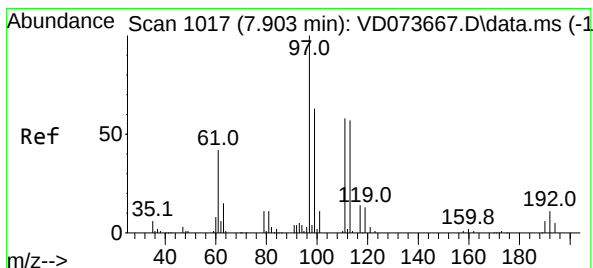
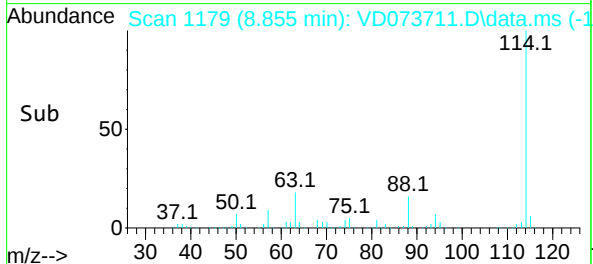
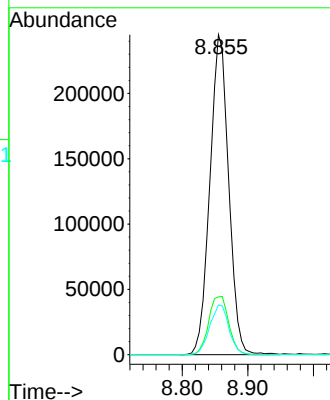
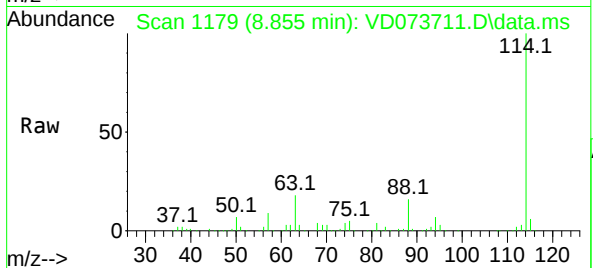
Tgt Ion:114 Resp: 487485

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

88 15.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 44.131 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073711.D

Acq: 25 Jun 2022 16:00

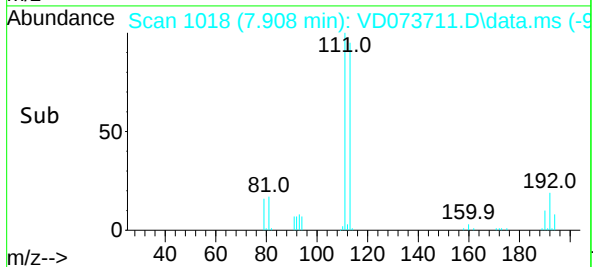
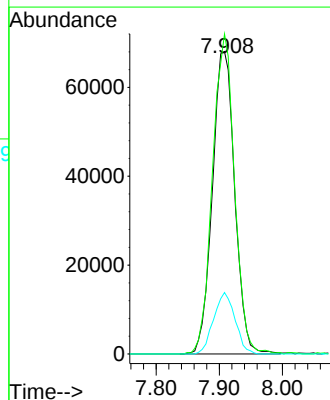
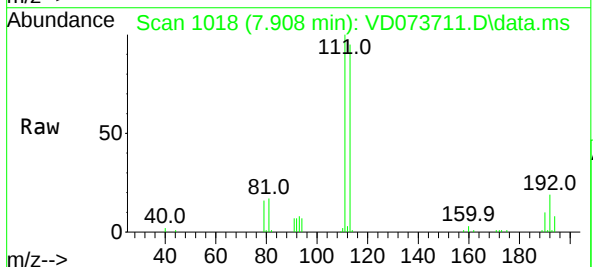
Tgt Ion:113 Resp: 167589

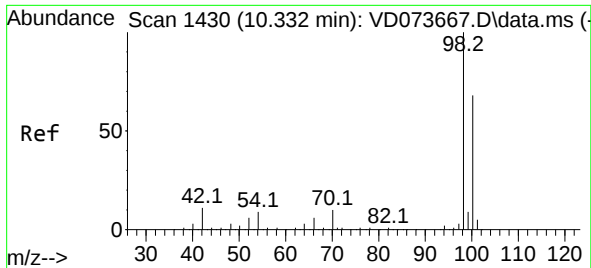
Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.6

192 19.4 14.8 22.2

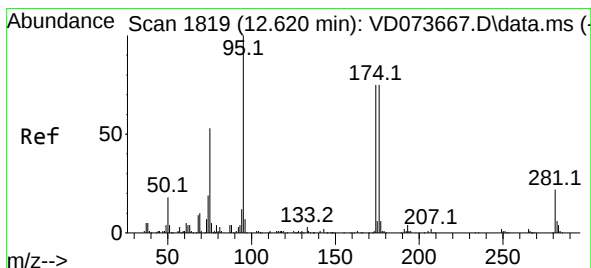
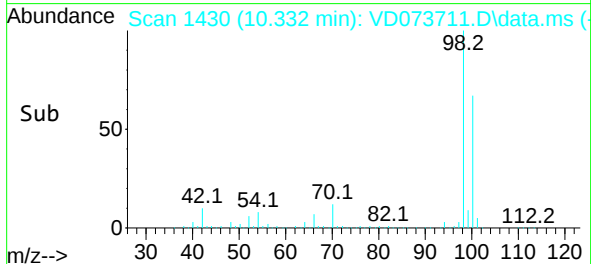
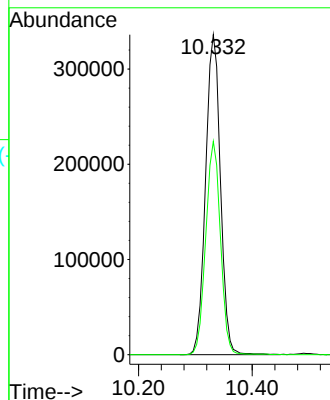
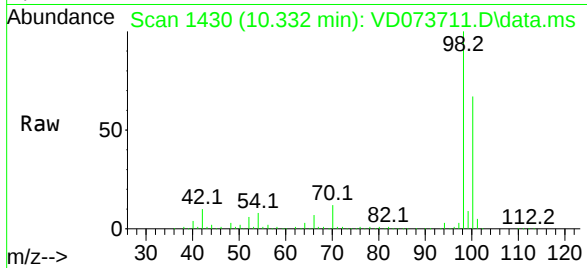




#50
Toluene-d8
Concen: 44.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

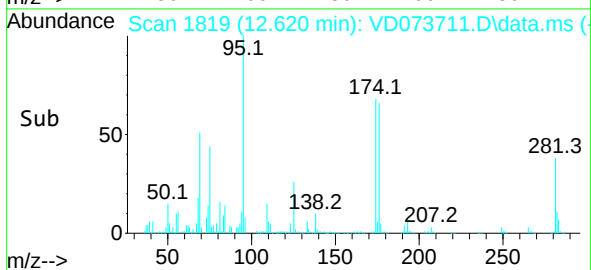
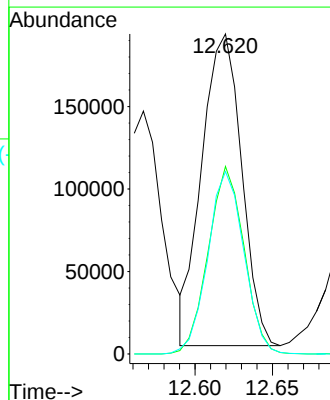
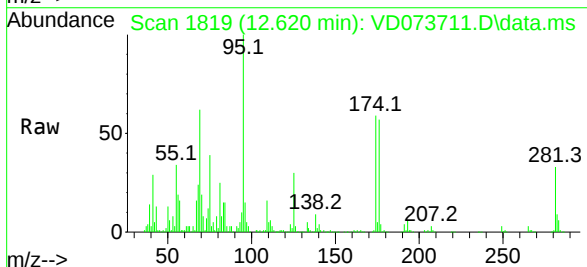
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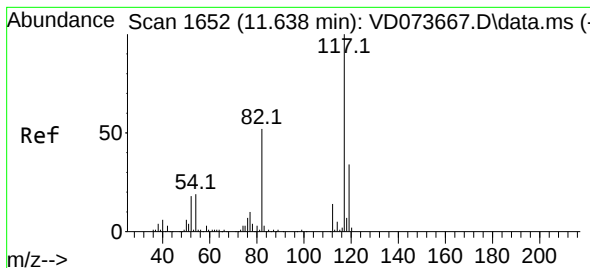
Tgt Ion: 98 Resp: 607960
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 65.949 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion: 95 Resp: 337264
Ion Ratio Lower Upper
95 100
174 54.1 0.0 158.4
176 53.2 0.0 154.8

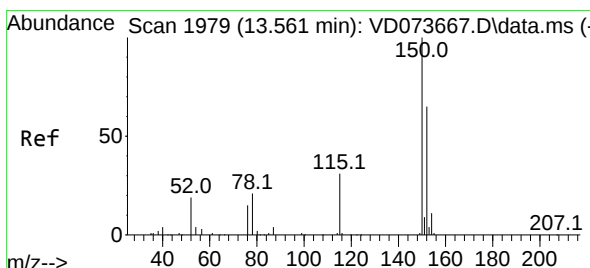
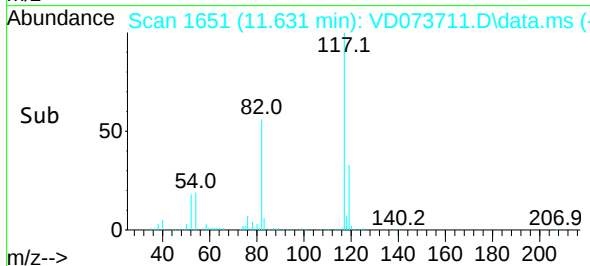
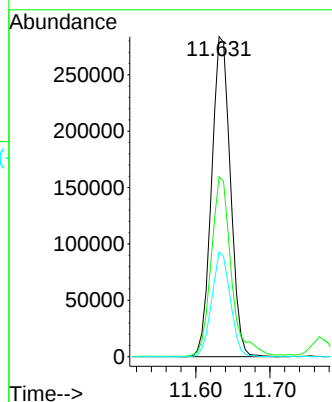
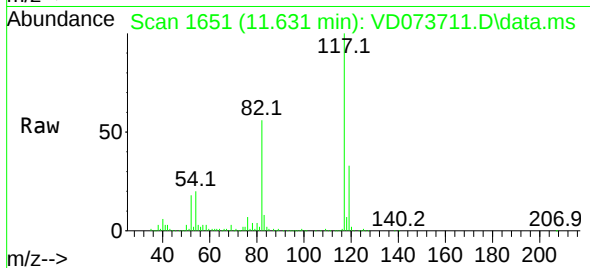




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073711.D
Acq: 25 Jun 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-3-GR

Tgt Ion:117 Resp: 501047
Ion Ratio Lower Upper
117 100
82 56.1 41.5 62.3
119 32.7 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: VD073711.D
Acq: 25 Jun 2022 16:00

Tgt Ion:152 Resp: 283154
Ion Ratio Lower Upper
152 100
115 49.4 30.6 91.6
150 129.2 0.0 355.0

