

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073065.D
 Acq On : 17 May 2022 19:06
 Operator : VA/SY
 Sample : N2851-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-051322

Quant Time: May 18 05:10:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	21359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	38883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	42482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22796	85.343	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.680%#
35) Dibromofluoromethane	7.908	113	17497	64.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	128.180%
50) Toluene-d8	10.332	98	45981	46.427	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.620	95	17892	49.878	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.760%

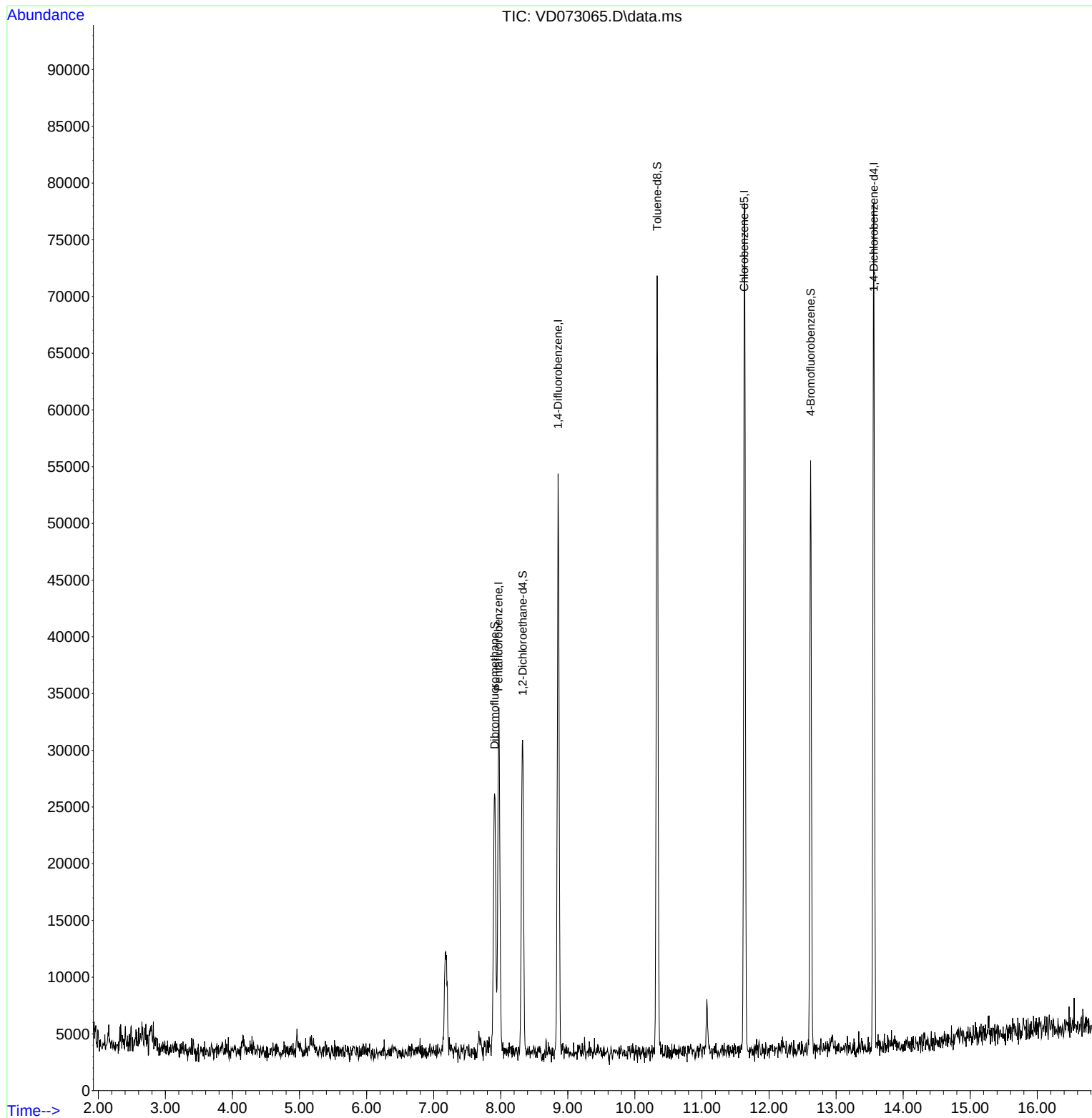
Target Compounds	Qvalue

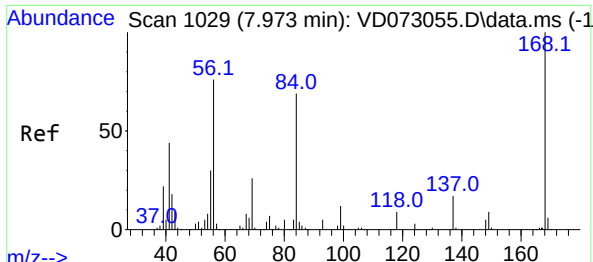
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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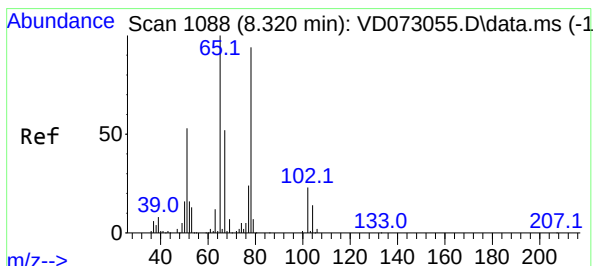
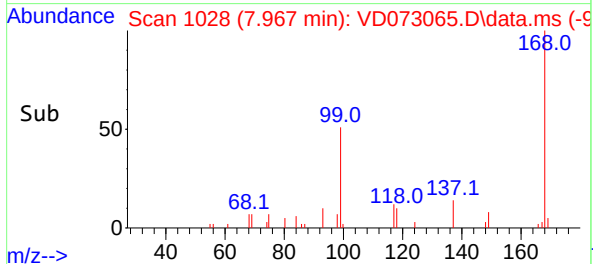
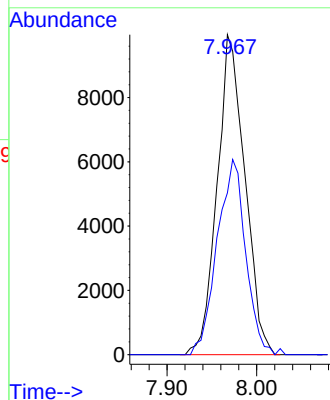
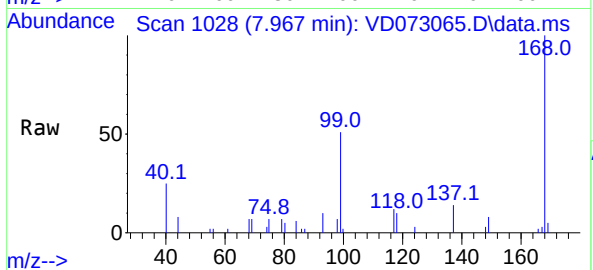




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

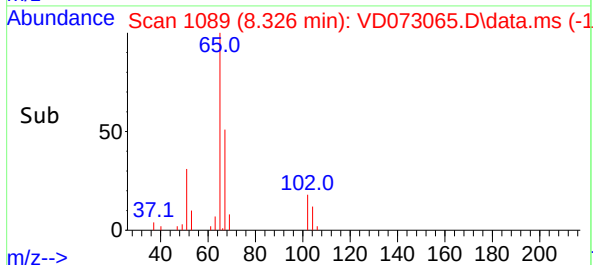
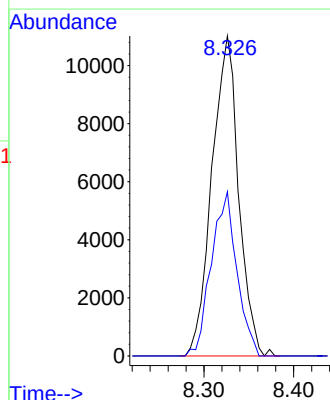
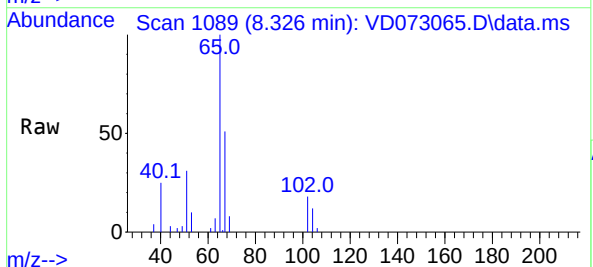
Instrument :
MSVOA_D
ClientSampleId :
OR-02-051322

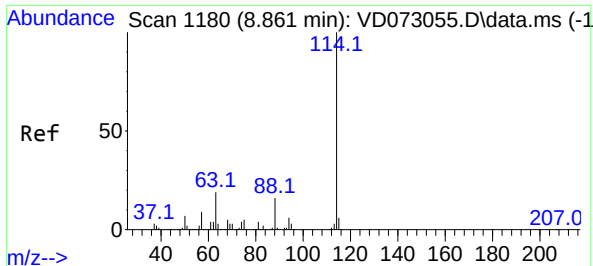
Tgt Ion:168 Resp: 21359
Ion Ratio Lower Upper
168 100
99 50.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 85.343 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

Tgt Ion: 65 Resp: 22796
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073065.D

Acq: 17 May 2022 19:06

Instrument :

MSVOA_D

ClientSampleId :

OR-02-051322

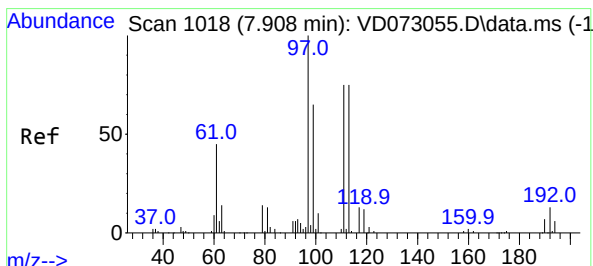
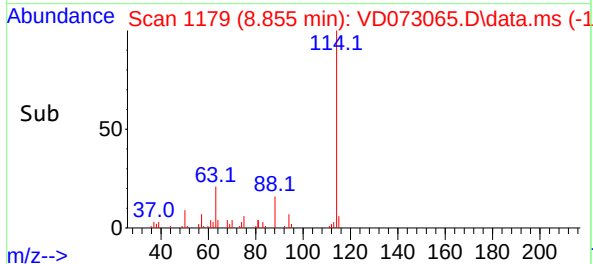
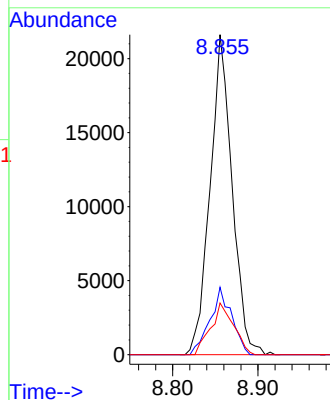
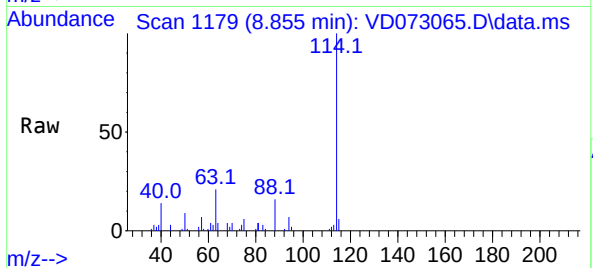
Tgt Ion:114 Resp: 38883

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.091 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073065.D

Acq: 17 May 2022 19:06

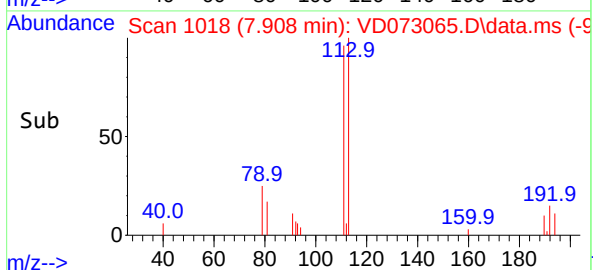
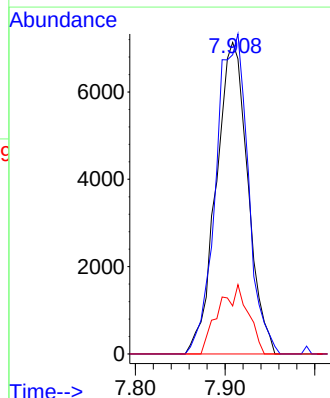
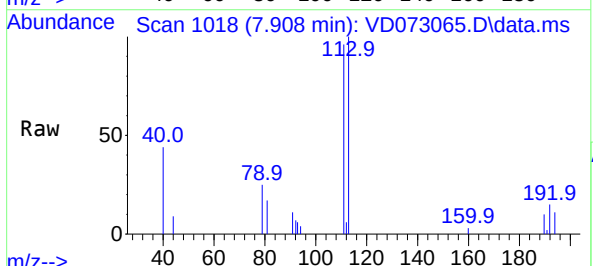
Tgt Ion:113 Resp: 17497

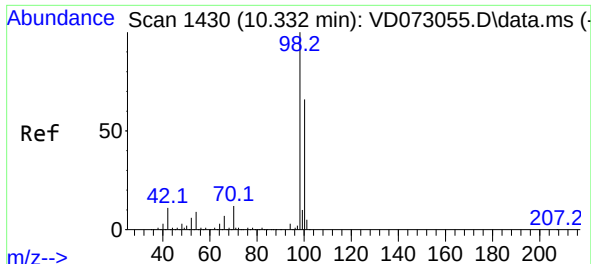
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 11.4 14.6 21.8#

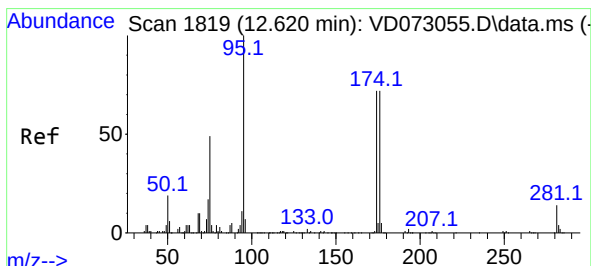
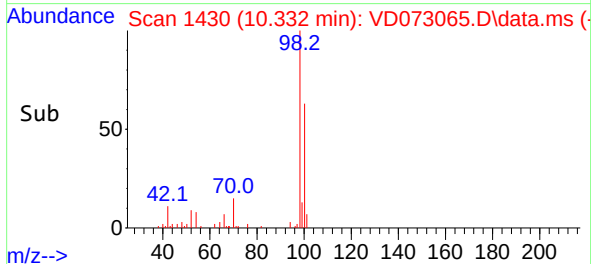
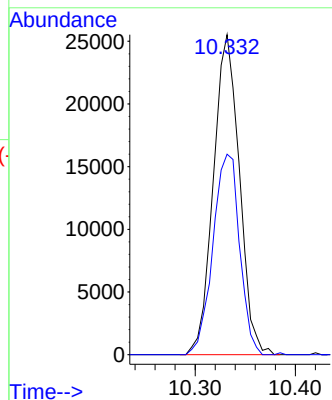
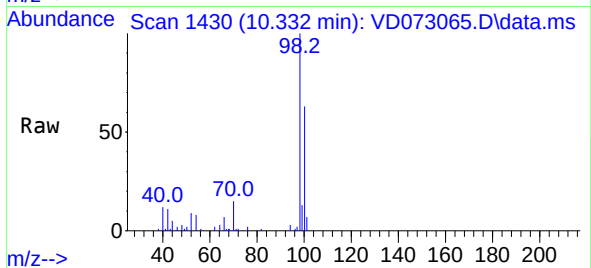




#50
Toluene-d8
Concen: 46.427 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

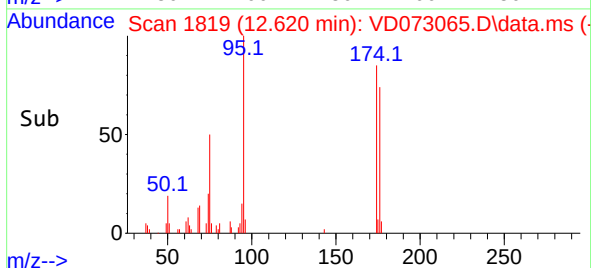
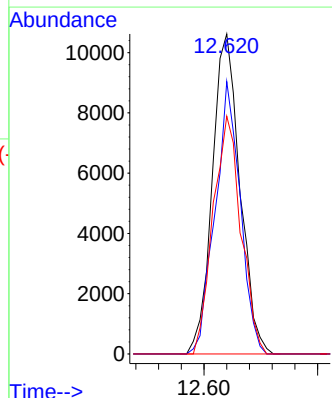
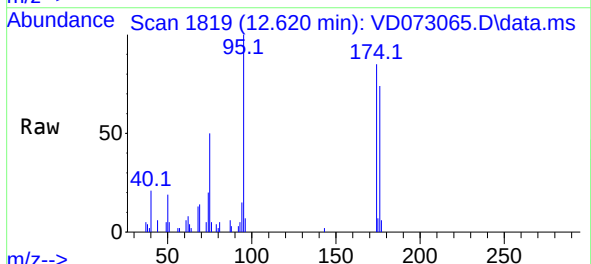
Instrument :
MSVOA_D
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OR-02-051322

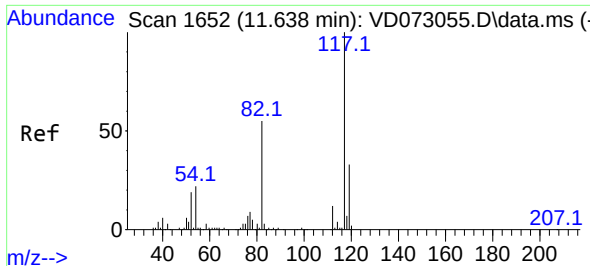
Tgt Ion: 98 Resp: 45981
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.878 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

Tgt Ion: 95 Resp: 17892
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 75.1 0.0 145.4

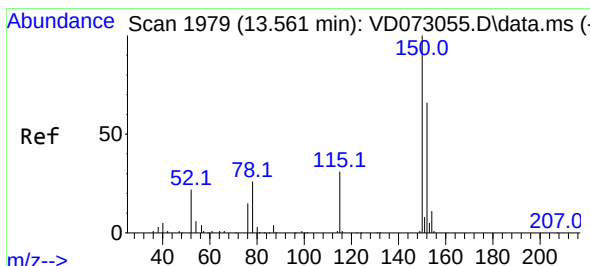
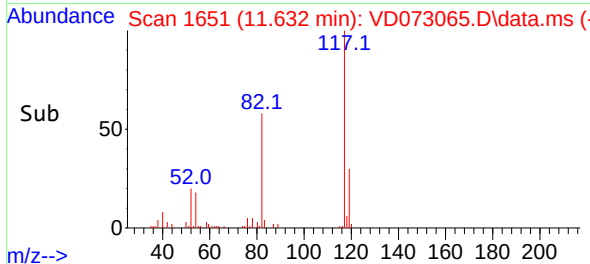
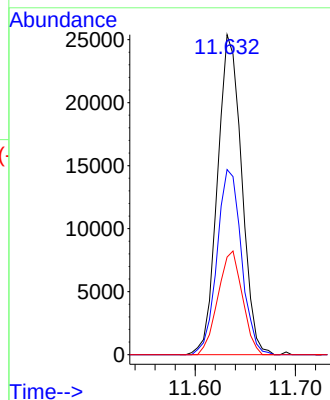
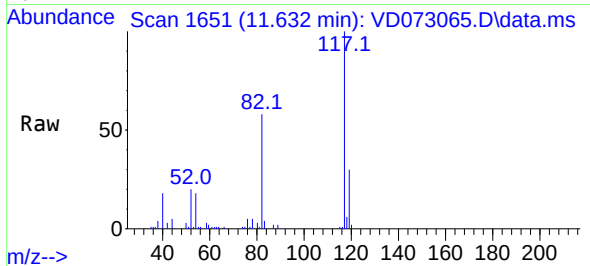




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

Instrument :
MSVOA_D
ClientSampleId :
OR-02-051322

Tgt Ion:	117	Resp:	42482
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.3	67.9
119	30.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073065.D
Acq: 17 May 2022 19:06

Tgt Ion:	152	Resp:	19088
Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	152.1	0.0	348.6

