

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073067.D
 Acq On : 17 May 2022 20:04
 Operator : VA/SY
 Sample : N2827-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40578

Quant Time: May 18 05:10:56 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	7.973	168	227987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	417256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	435277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154624	54.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.460%
35) Dibromofluoromethane	7.908	113	150748	51.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.332	98	514572	48.416	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.840%
62) 4-Bromofluorobenzene	12.620	95	190583	49.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.020%

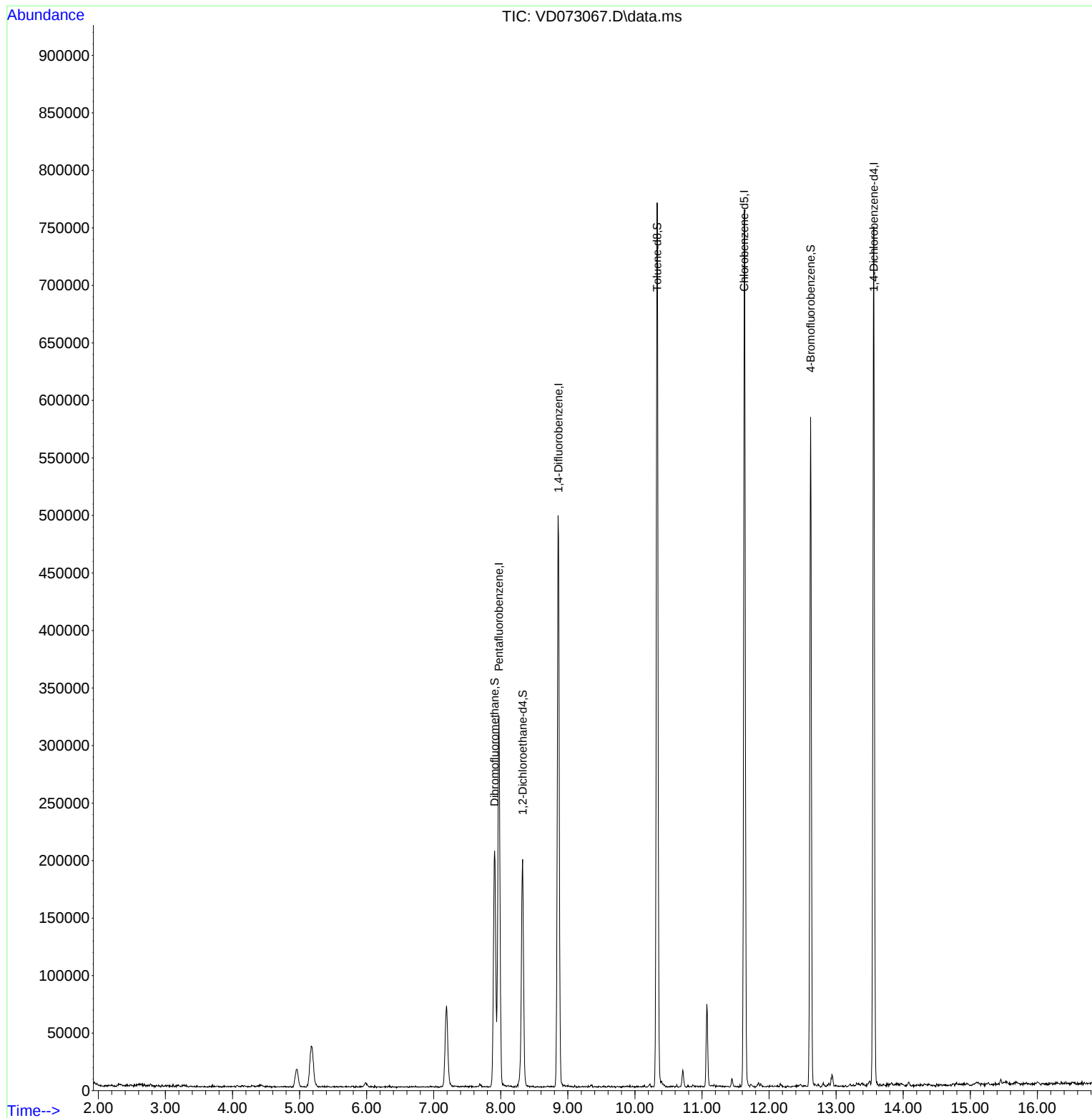
Target Compounds	Qvalue

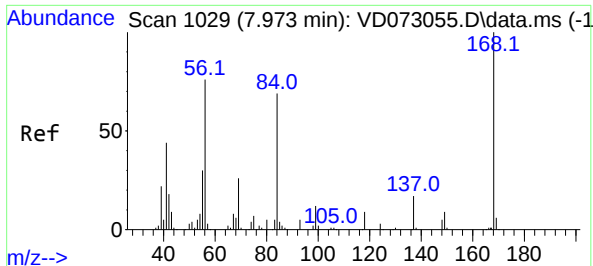
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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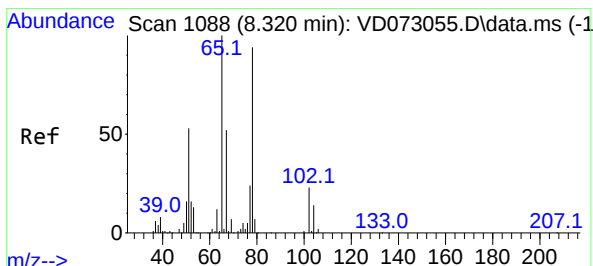
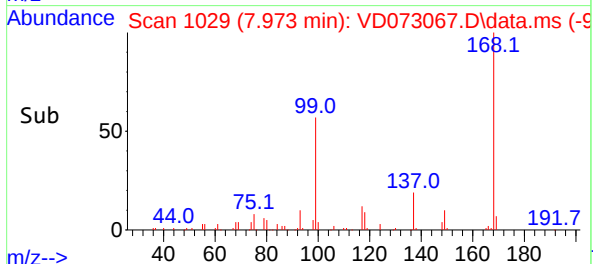
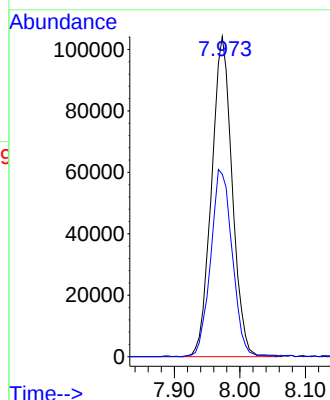
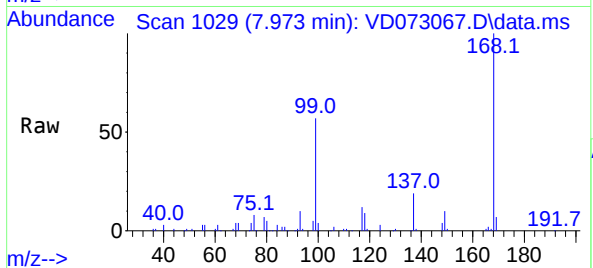




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073067.D
Acq: 17 May 2022 20:04

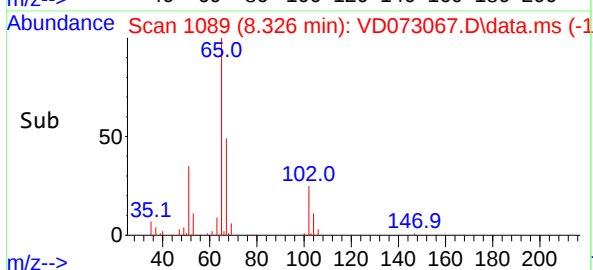
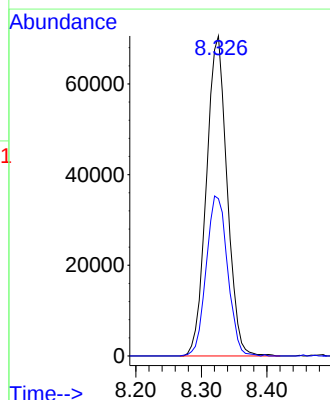
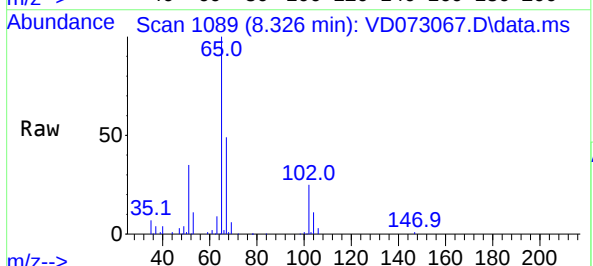
Instrument :
MSVOA_D
ClientSampleId :
40578

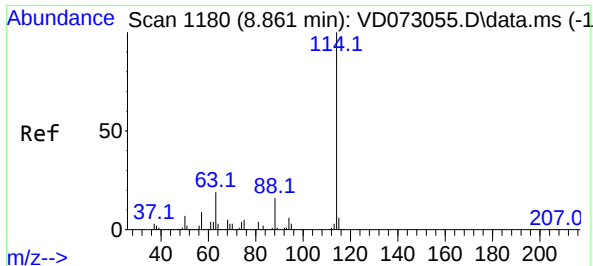
Tgt Ion:168 Resp: 227987
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.232 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073067.D
Acq: 17 May 2022 20:04

Tgt Ion: 65 Resp: 154624
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073067.D

Acq: 17 May 2022 20:04

Instrument :

MSVOA_D

ClientSampleId :

40578

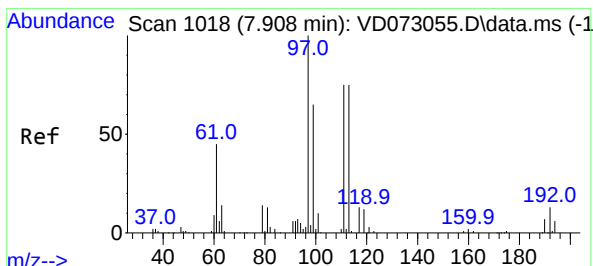
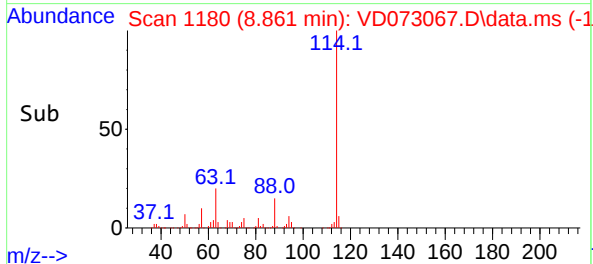
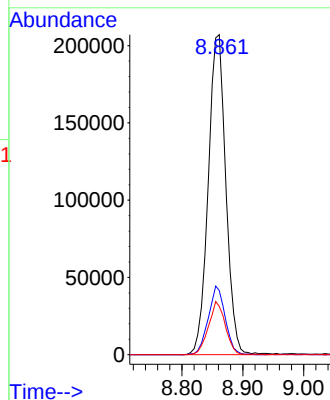
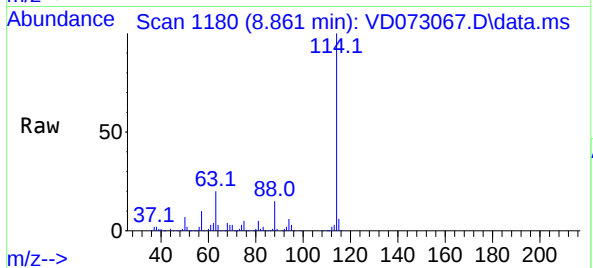
Tgt Ion:114 Resp: 417256

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.457 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073067.D

Acq: 17 May 2022 20:04

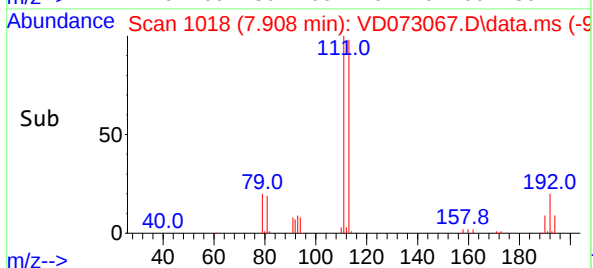
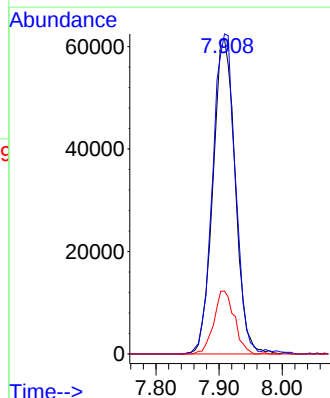
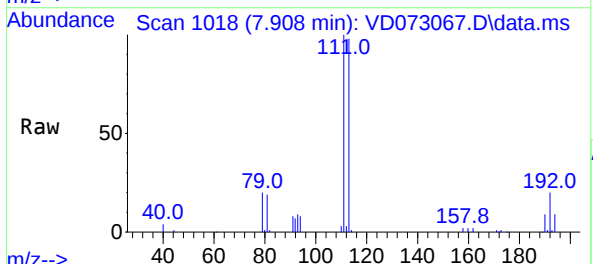
Tgt Ion:113 Resp: 150748

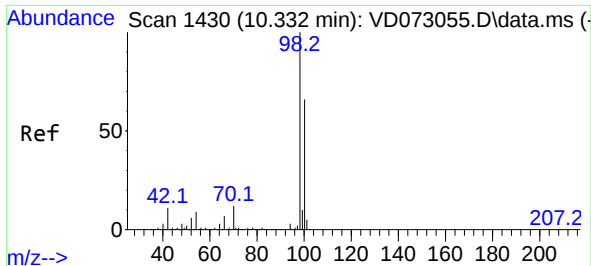
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.4 14.6 21.8

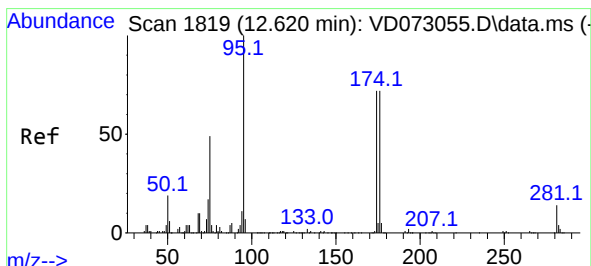
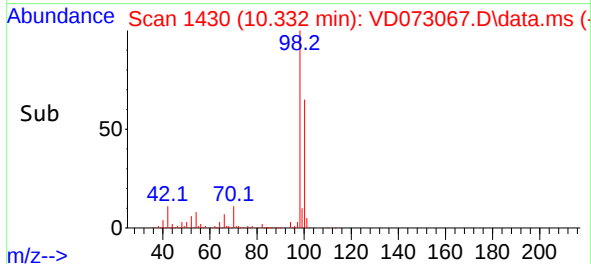
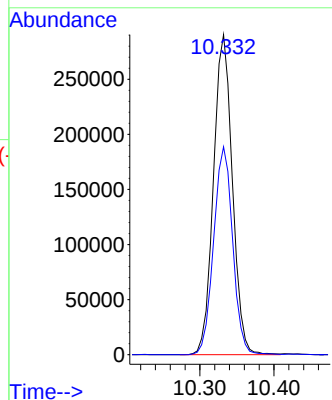
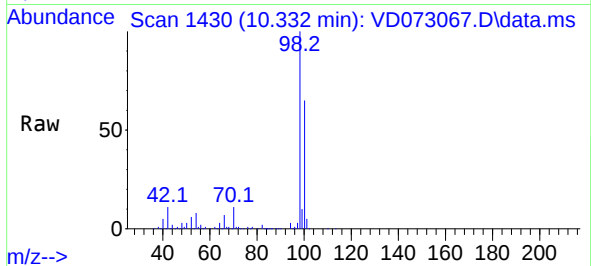




#50
Toluene-d8
Concen: 48.416 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073067.D
Acq: 17 May 2022 20:04

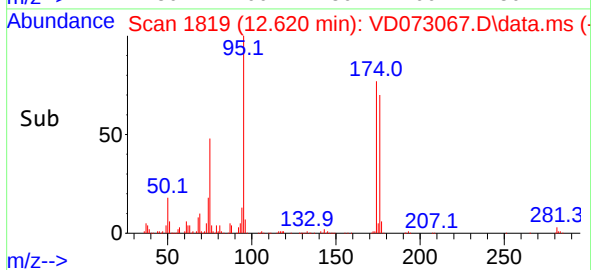
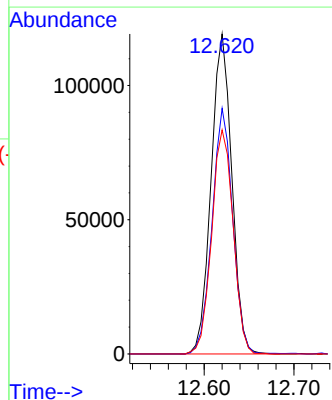
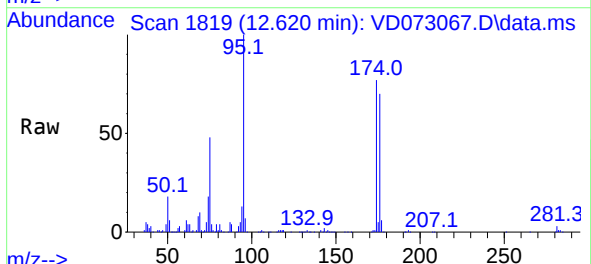
Instrument :
MSVOA_D
ClientSampleId :
40578

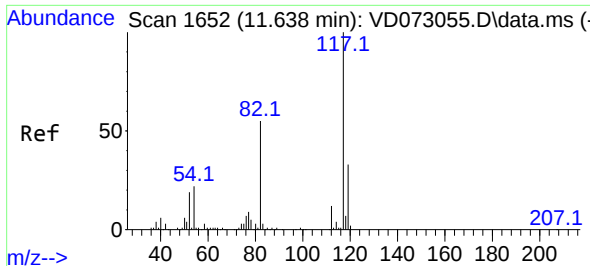
Tgt Ion: 98 Resp: 514572
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.509 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073067.D
Acq: 17 May 2022 20:04

Tgt Ion: 95 Resp: 190583
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 72.6 0.0 145.4

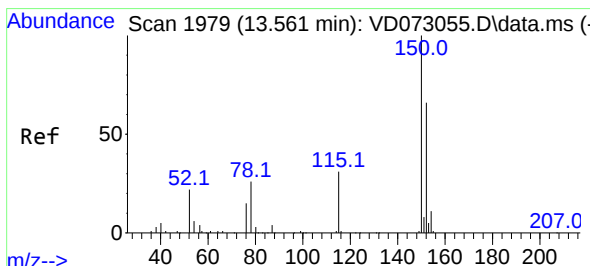
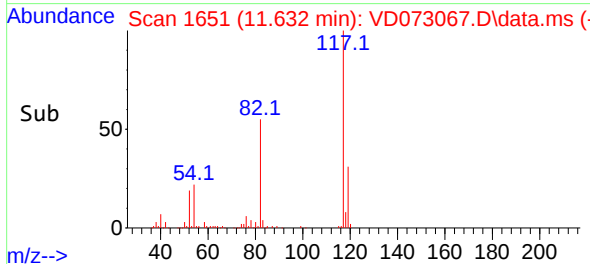
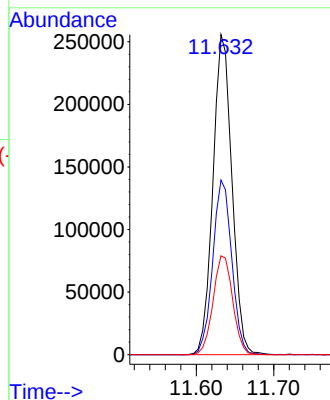
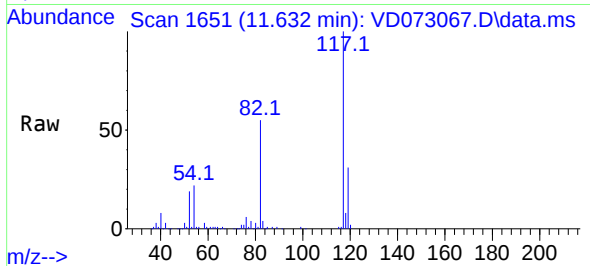




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD073067.D
Acq: 17 May 2022 20:04

Instrument :
MSVOA_D
ClientSampleId :
40578

Tgt Ion:	117	Resp:	435277
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	30.9	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: VD073067.D
Acq: 17 May 2022 20:04

Tgt Ion:	152	Resp:	191058
Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.8
150	158.2	0.0	348.6

