

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073189.D
 Acq On : 20 May 2022 17:57
 Operator : VA/SY
 Sample : VD0520SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBL01

Quant Time: May 21 00:15:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	307480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	549163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172387	50.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.460%
35) Dibromofluoromethane	7.909	113	185883	51.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.600%
50) Toluene-d8	10.332	98	680458	50.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.620	95	244349	52.124	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.240%

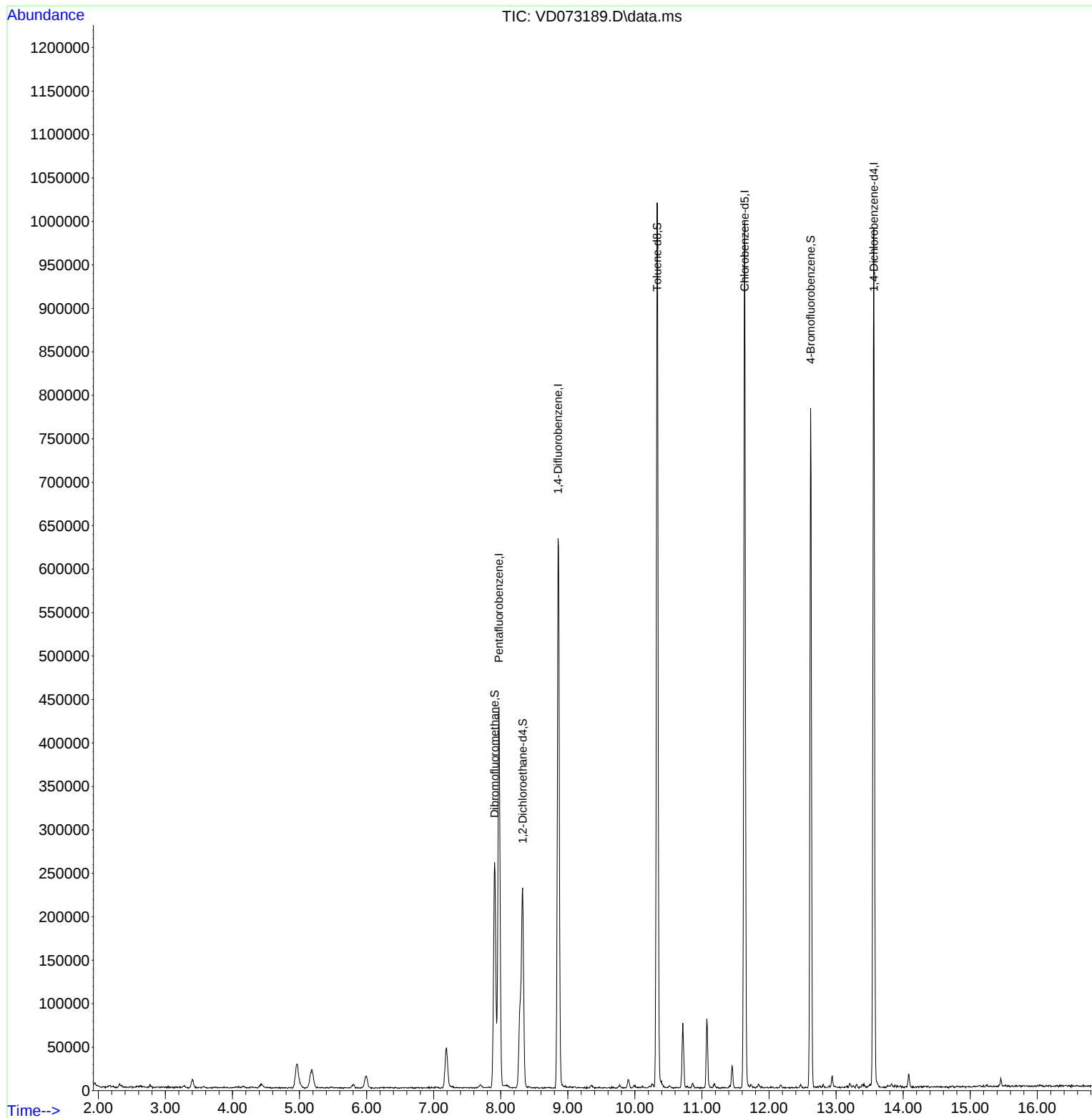
Target Compounds	Qvalue

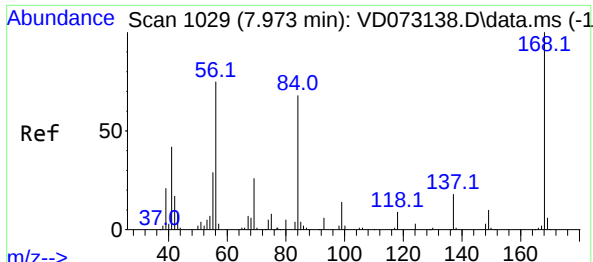
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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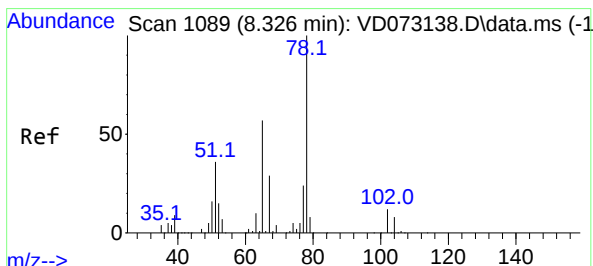
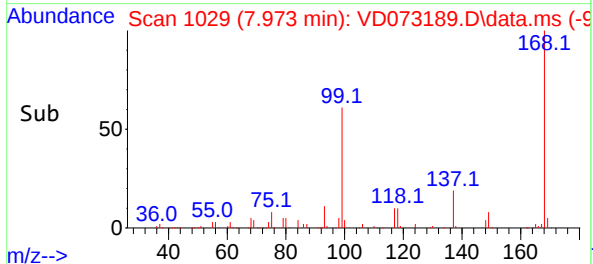
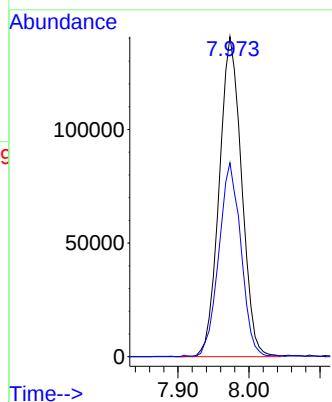
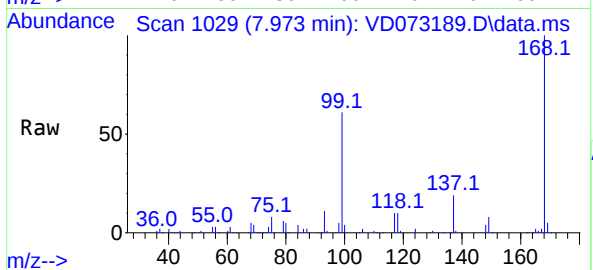




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073189.D
Acq: 20 May 2022 17:57

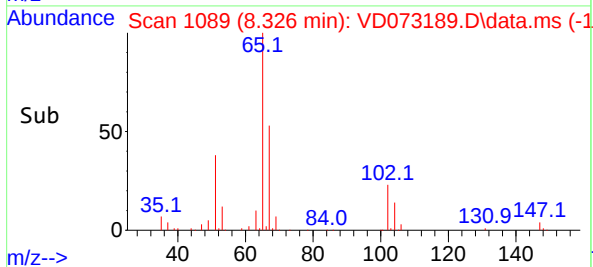
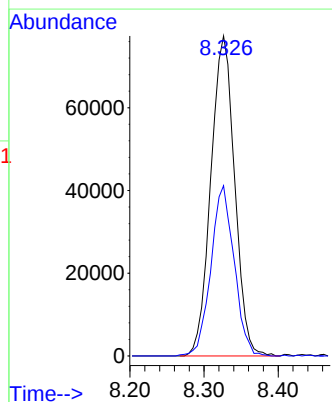
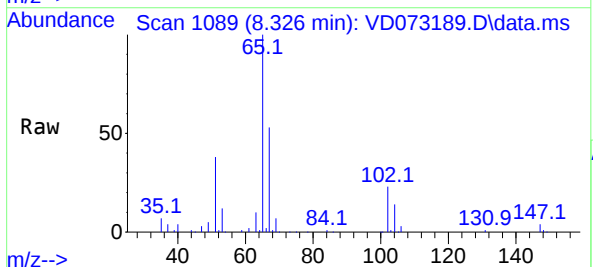
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

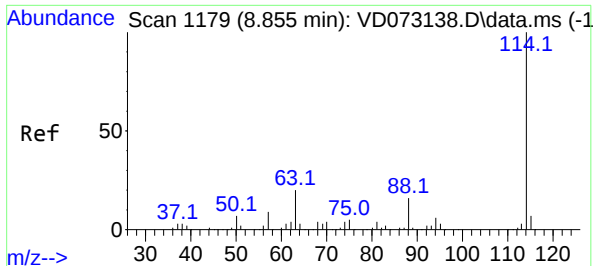
Tgt Ion:168 Resp: 307480
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.731 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073189.D
Acq: 20 May 2022 17:57

Tgt Ion: 65 Resp: 172387
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073189.D

Acq: 20 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBL01

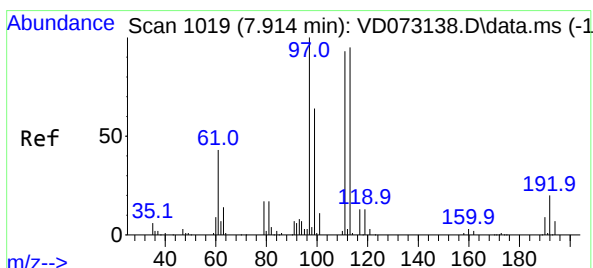
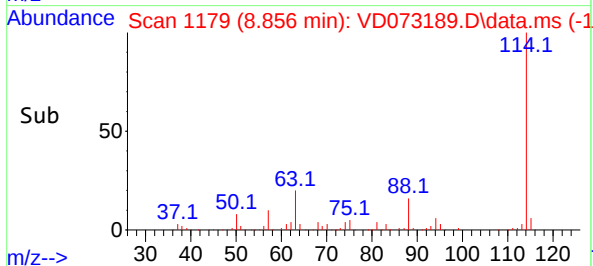
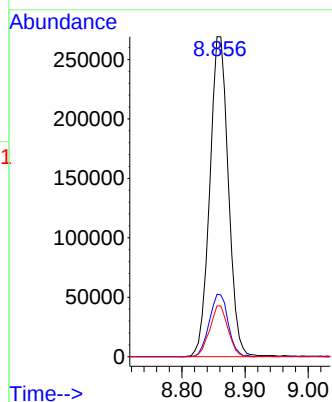
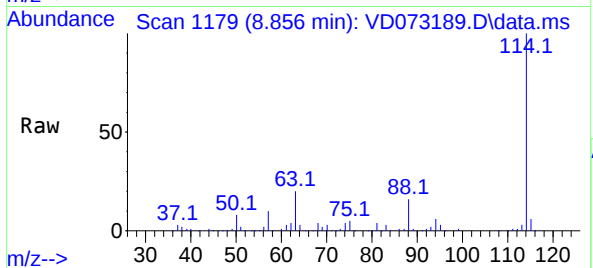
Tgt Ion:114 Resp: 549163

Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.296 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073189.D

Acq: 20 May 2022 17:57

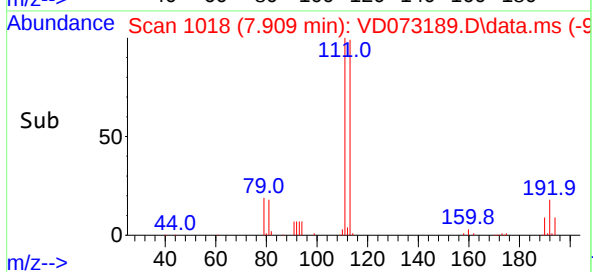
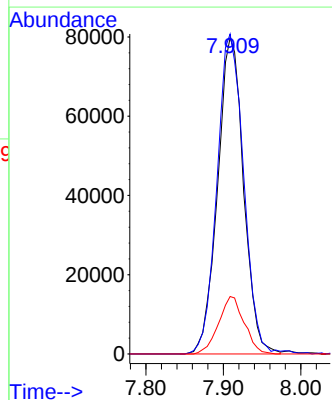
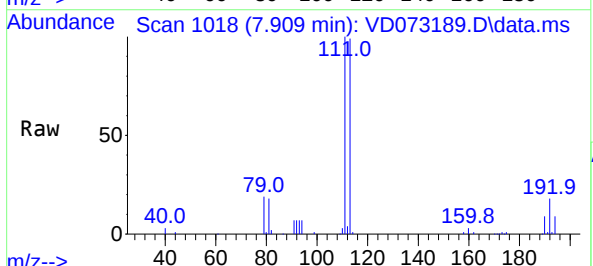
Tgt Ion:113 Resp: 185883

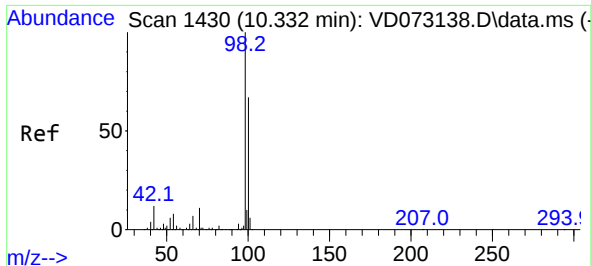
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.9 14.6 21.8

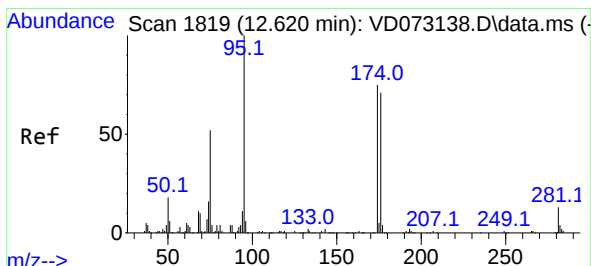
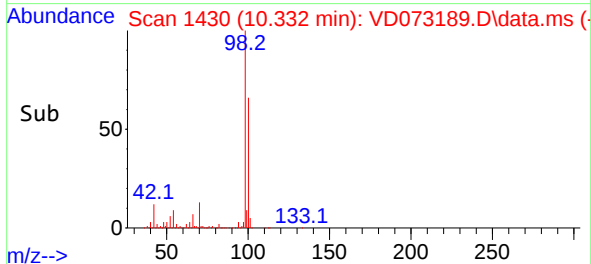
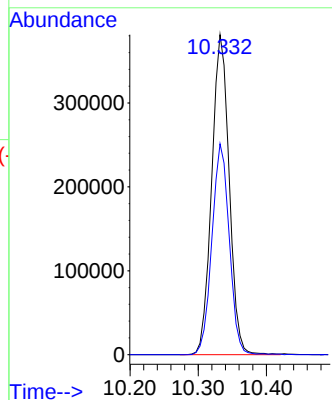
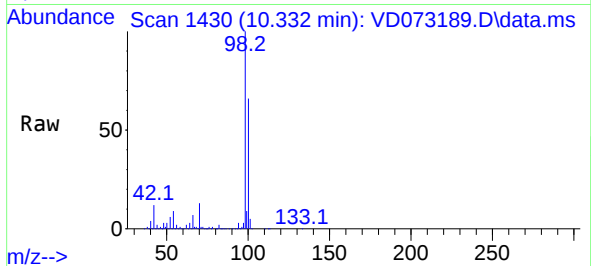




#50
Toluene-d8
Concen: 50.940 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073189.D
Acq: 20 May 2022 17:57

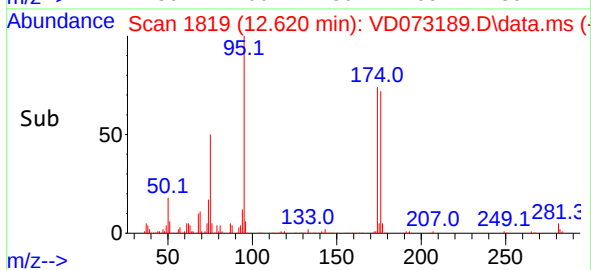
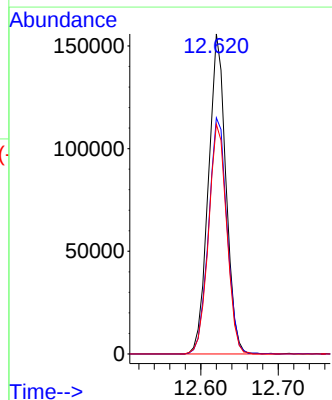
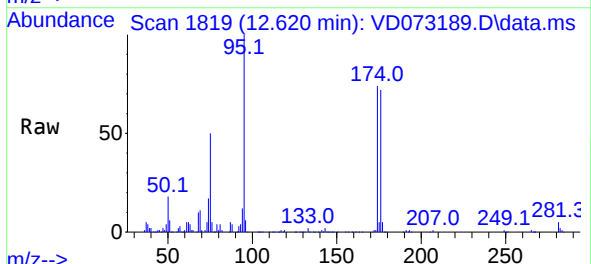
Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

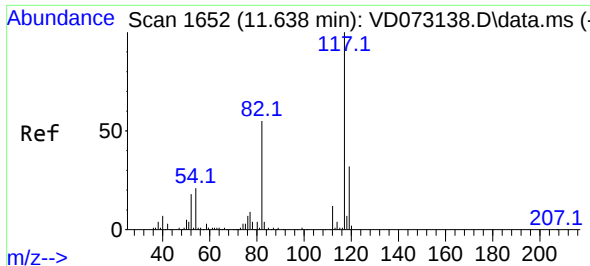
Tgt Ion: 98 Resp: 680458
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073189.D
Acq: 20 May 2022 17:57

Tgt Ion: 95 Resp: 244349
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.3 0.0 145.4

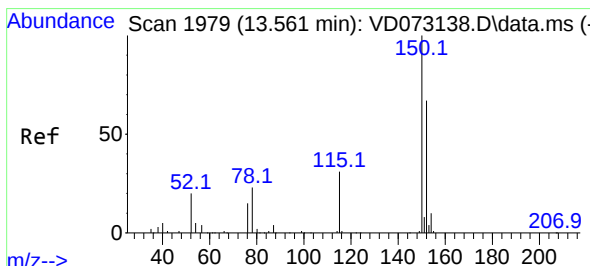
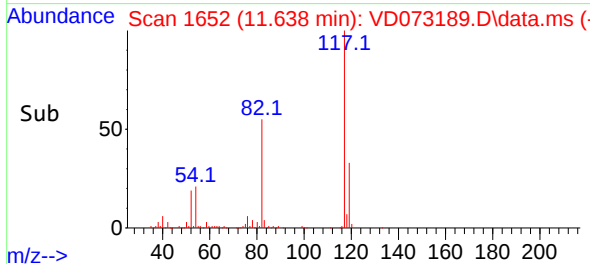
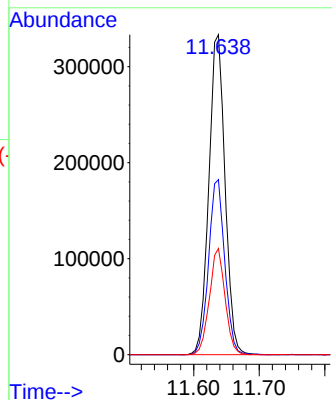
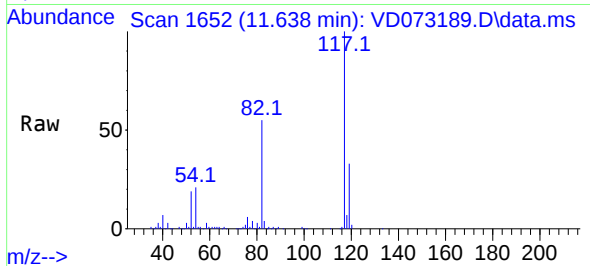




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073189.D
Acq: 20 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

Tgt Ion:	117	Resp:	573171
Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.3	67.9
119	33.2	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: VD073189.D
Acq: 20 May 2022 17:57

Tgt Ion:	152	Resp:	253818
Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.3	93.8
150	158.6	0.0	348.6

