

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073038.D
 Acq On : 16 May 2022 16:39
 Operator : VA/SY
 Sample : N2816-18
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS010-0006-01

Quant Time: May 17 03:29:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	328602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	578916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	208420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	176384	41.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.700%
35) Dibromofluoromethane	7.908	113	194367	47.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.620%
50) Toluene-d8	10.332	98	703773	48.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.620	95	229460	42.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.380%

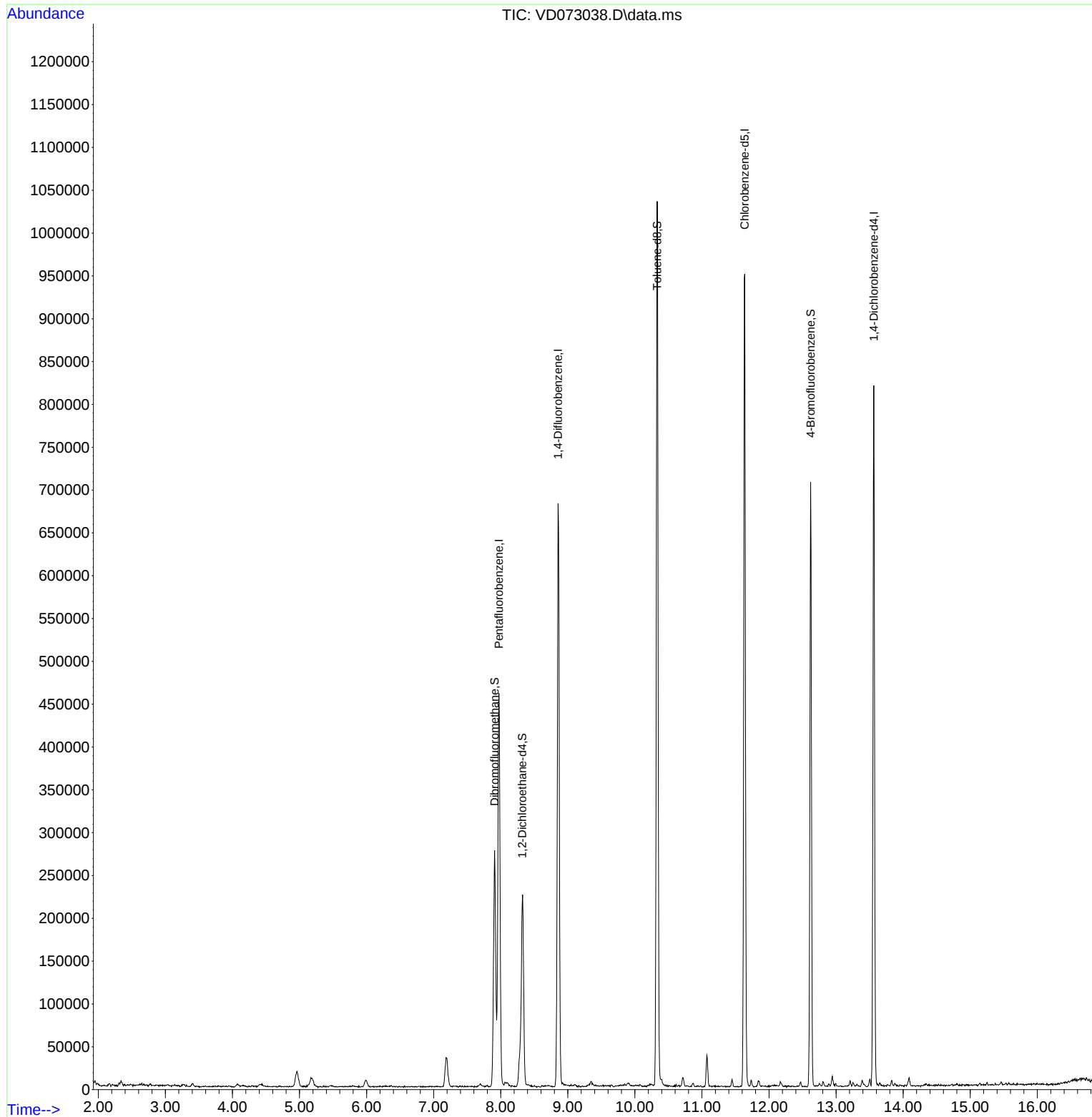
Target Compounds	Qvalue

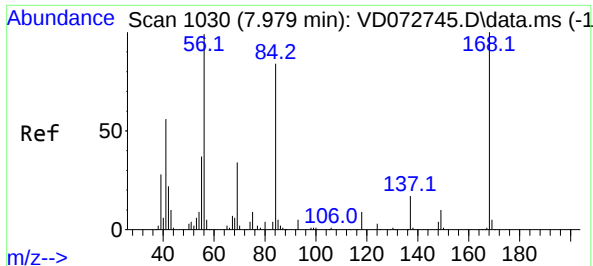
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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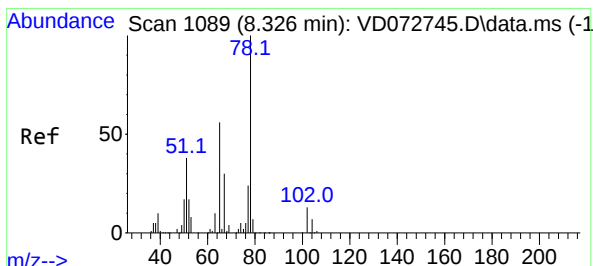
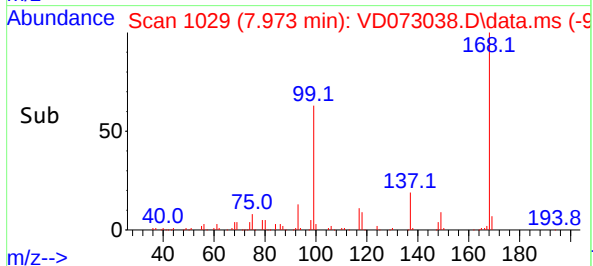
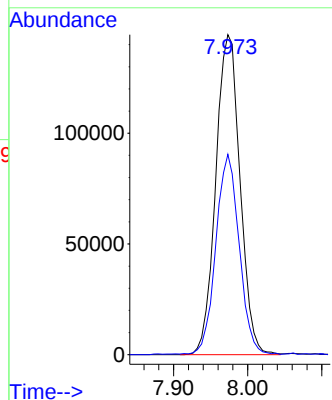
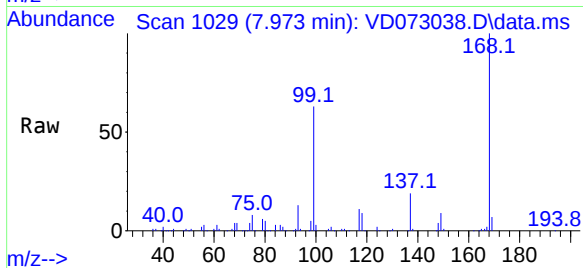




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073038.D
Acq: 16 May 2022 16:39

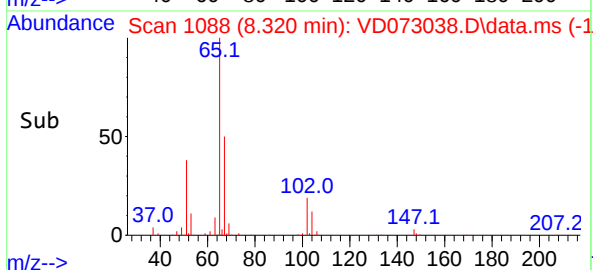
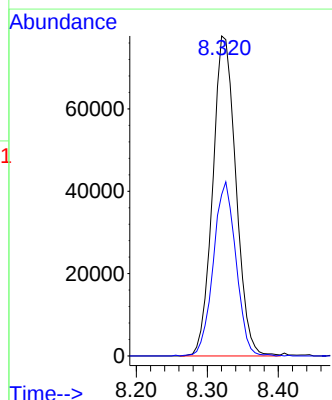
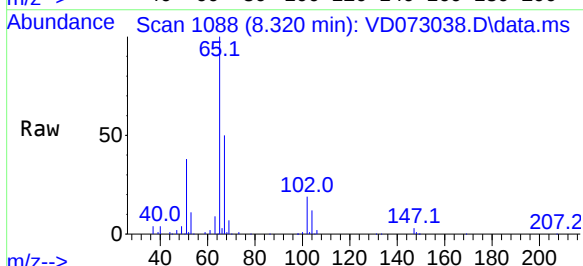
Instrument :
MSVOA_D
ClientSampleId :
P007-SS010-0006-01

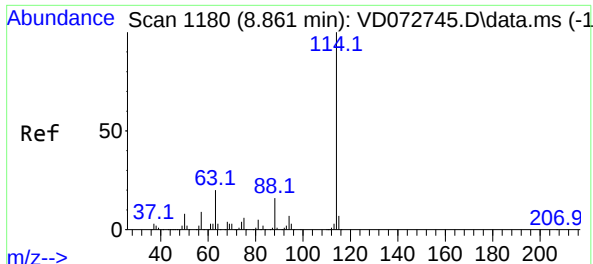
Tgt Ion:168 Resp: 328602
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 41.351 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073038.D
Acq: 16 May 2022 16:39

Tgt Ion: 65 Resp: 176384
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073038.D

Acq: 16 May 2022 16:39

Instrument :

MSVOA_D

ClientSampleId :

P007-SS010-0006-01

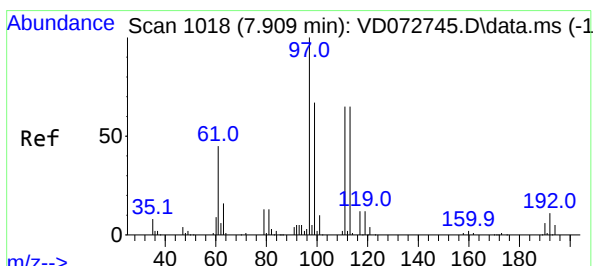
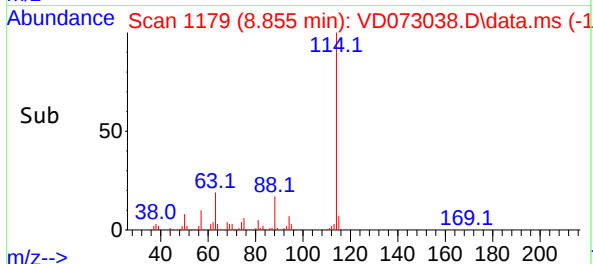
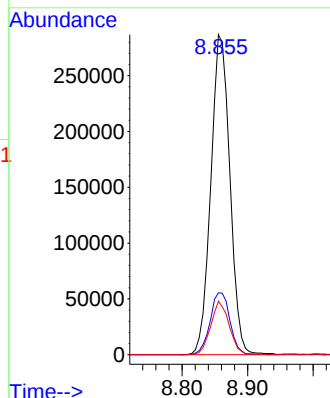
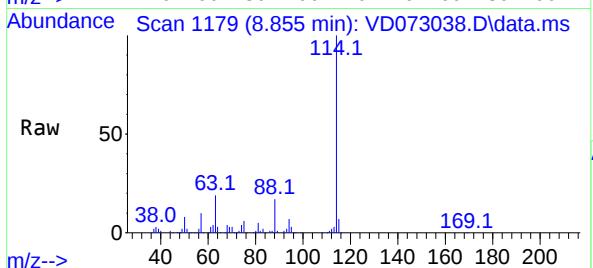
Tgt Ion:114 Resp: 578916

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 16.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.805 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073038.D

Acq: 16 May 2022 16:39

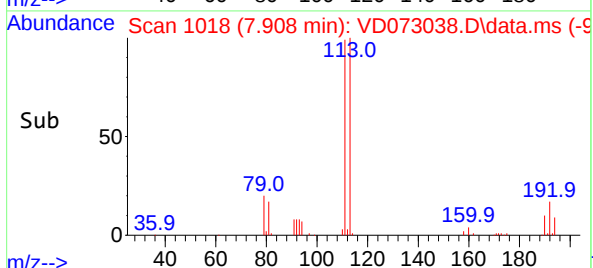
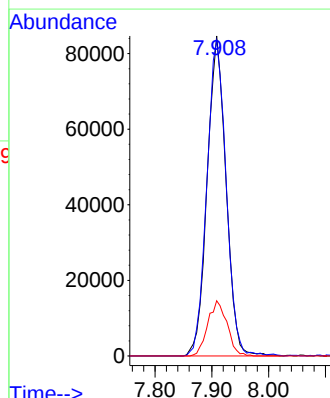
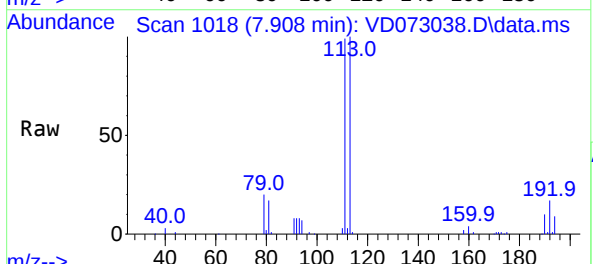
Tgt Ion:113 Resp: 194367

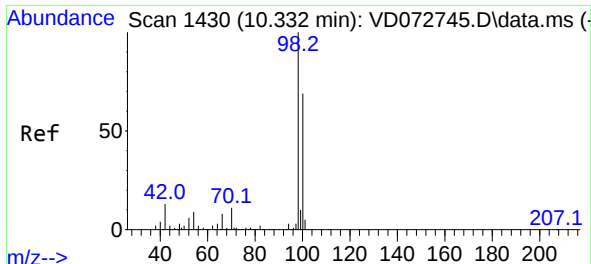
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.7 14.6 21.8

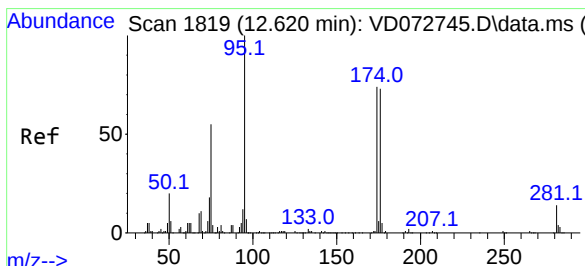
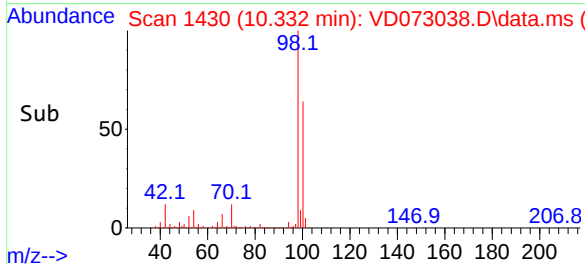
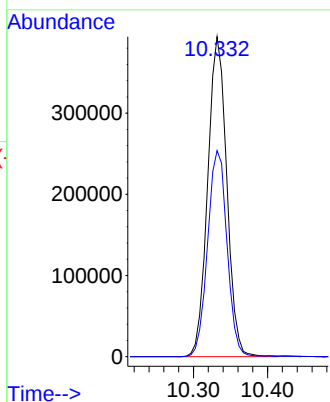
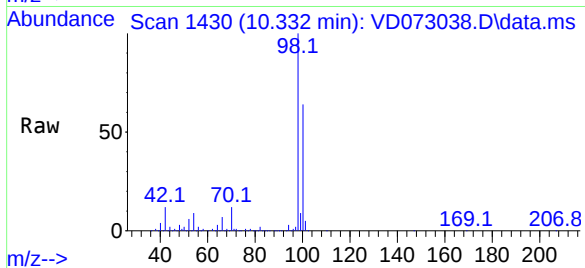




#50
Toluene-d8
Concen: 48.255 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073038.D
Acq: 16 May 2022 16:39

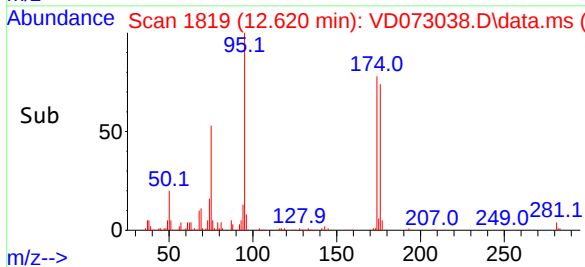
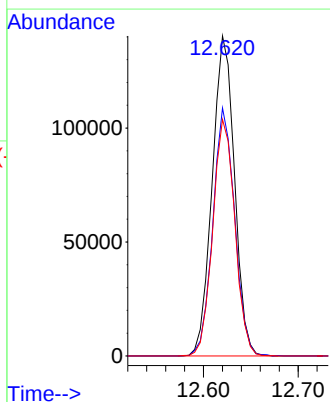
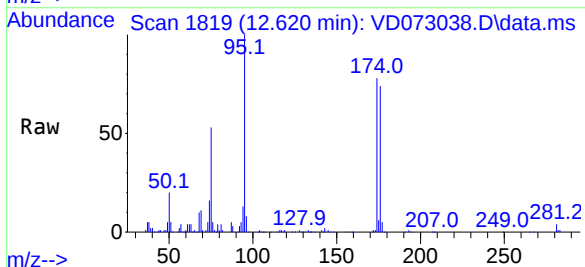
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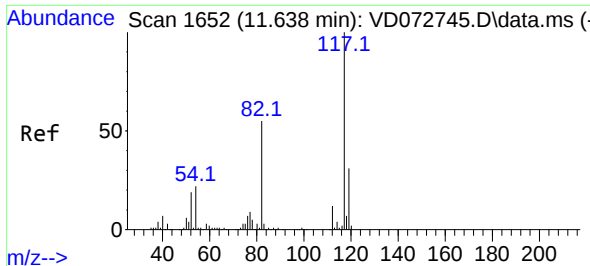
Tgt Ion: 98 Resp: 703773
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.195 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073038.D
Acq: 16 May 2022 16:39

Tgt Ion: 95 Resp: 229460
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 73.3 0.0 145.4

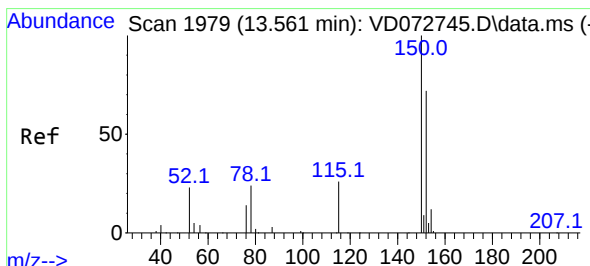
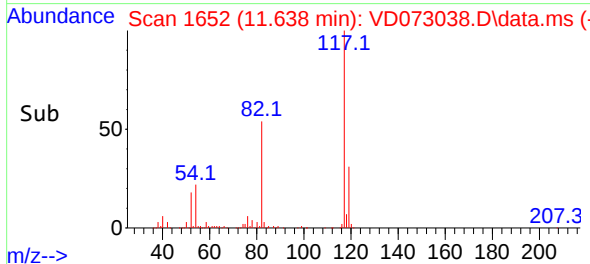
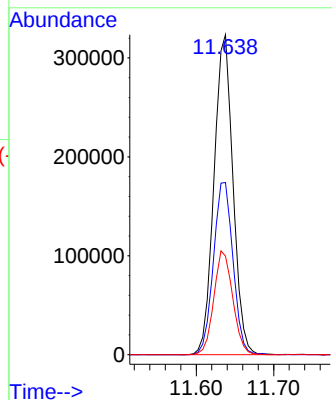
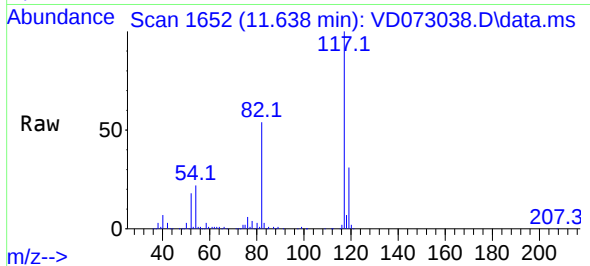




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073038.D
Acq: 16 May 2022 16:39

Instrument :
MSVOA_D
ClientSampleId :
P007-SS010-0006-01

Tgt Ion:117 Resp: 551524
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 30.8 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: VD073038.D
Acq: 16 May 2022 16:39

Tgt Ion:152 Resp: 208420
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.0 0.0 348.6

