

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073022.D
 Acq On : 14 May 2022 07:41
 Operator : VA/SY
 Sample : N2823-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-8

Quant Time: May 16 05:21:38 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)

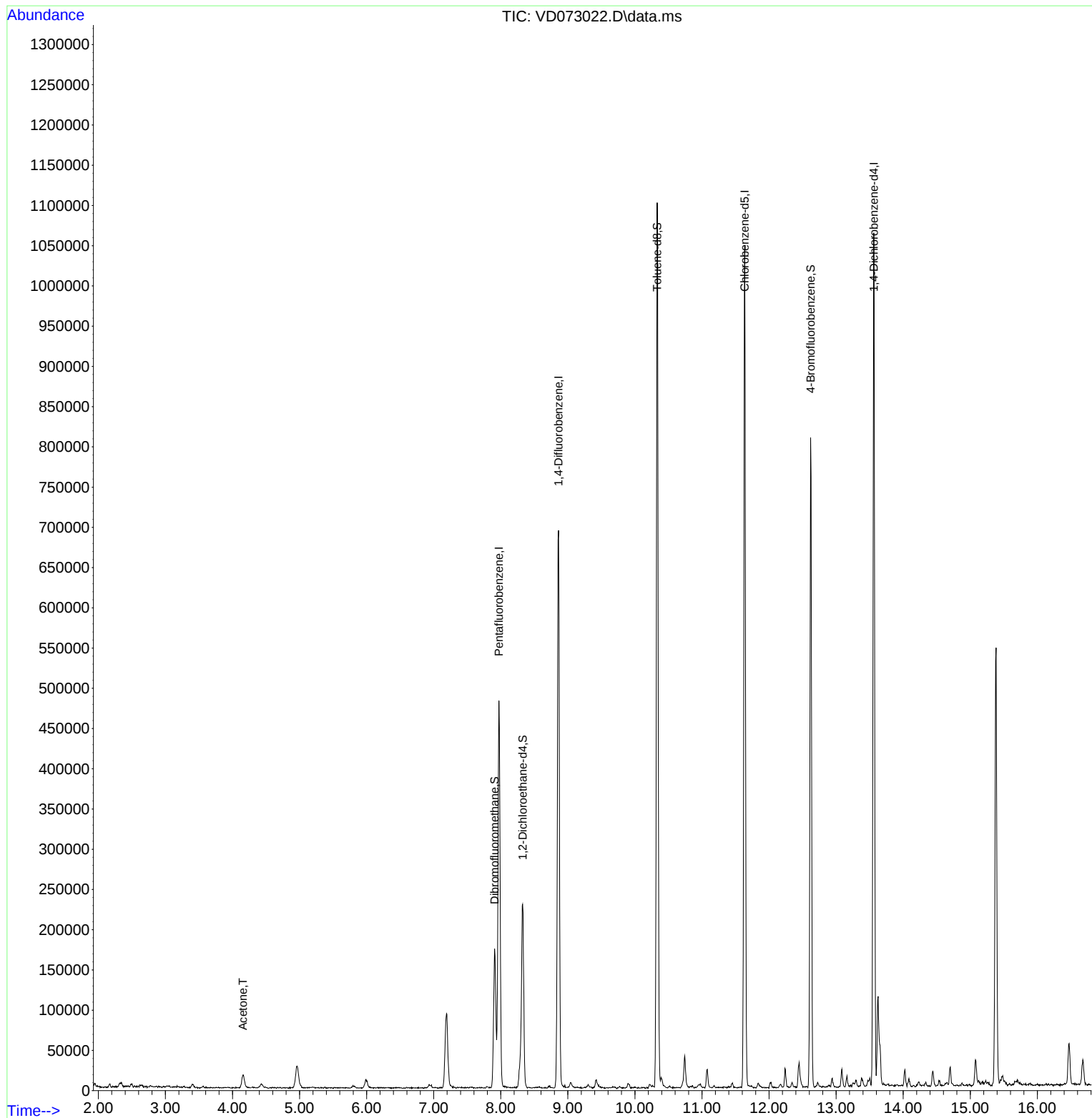
Internal Standards						
1) Pentafluorobenzene	7.973	168	346291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	597097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	179674	39.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.940%
35) Dibromofluoromethane	7.908	113	123198	29.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.080%
50) Toluene-d8	10.331	98	732947	48.170	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.620	95	273571	48.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.440%
Target Compounds						
16) Acetone	4.155	43	29108	21.874	ug/l	Qvalue 93

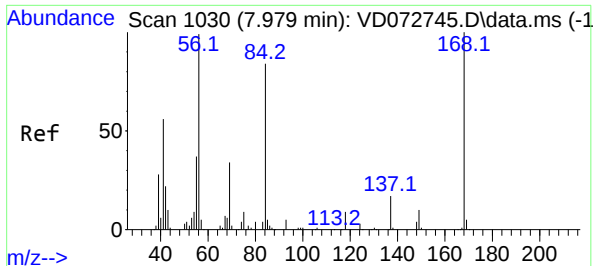
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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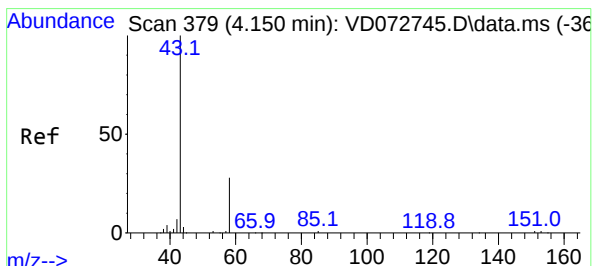
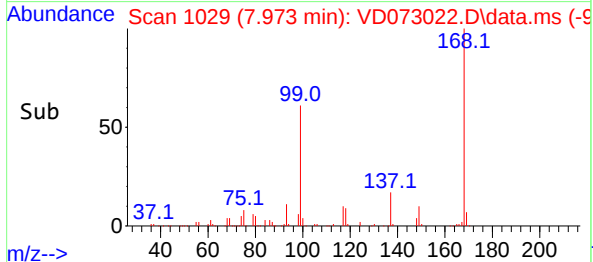
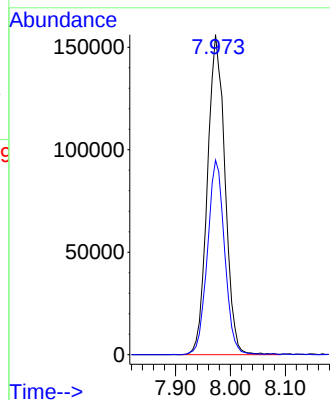
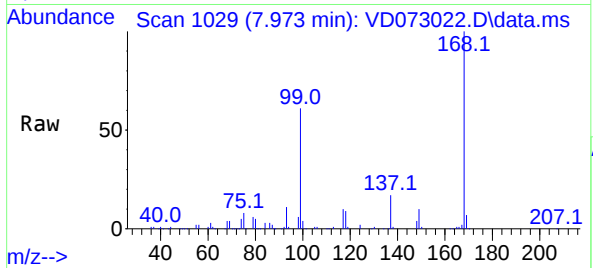




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

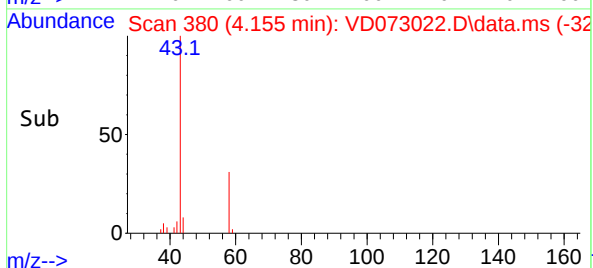
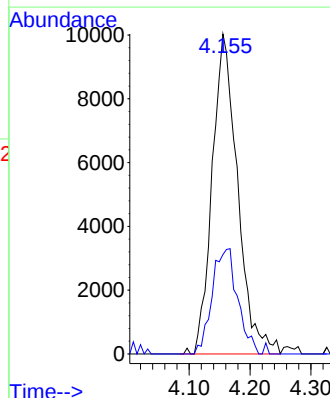
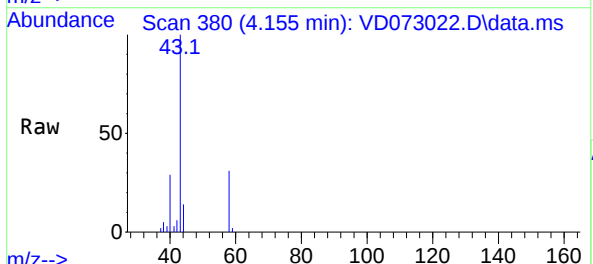
Instrument :
MSVOA_D
ClientSampleId :
SC-8

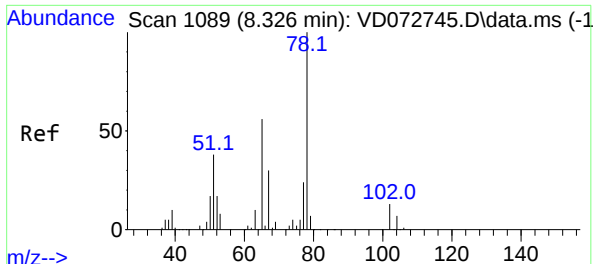
Tgt Ion:168 Resp: 346291
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#16
Acetone
Concen: 21.874 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

Tgt Ion: 43 Resp: 29108
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1

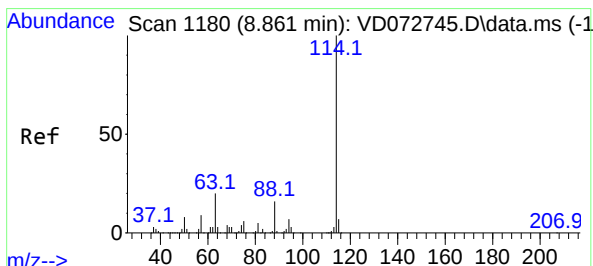
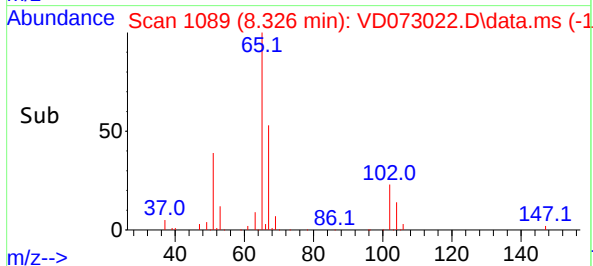
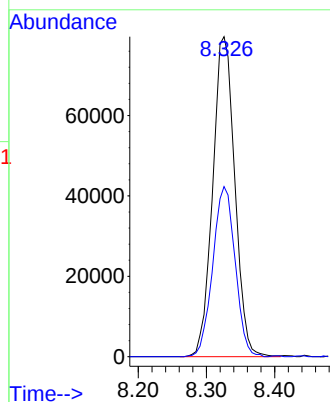
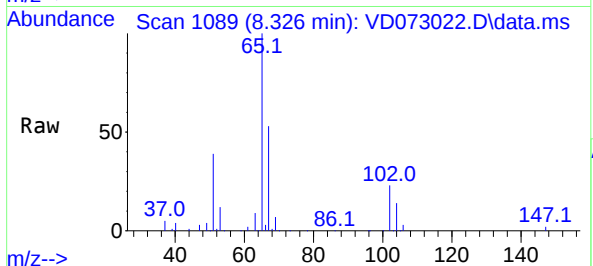




#33
1,2-Dichloroethane-d4
Concen: 39.971 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

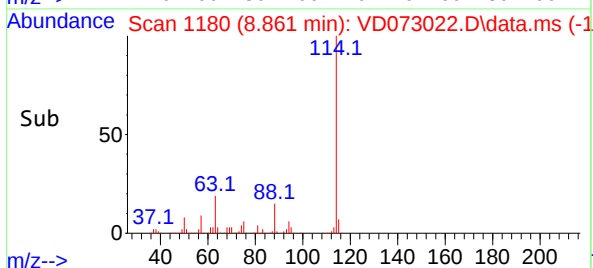
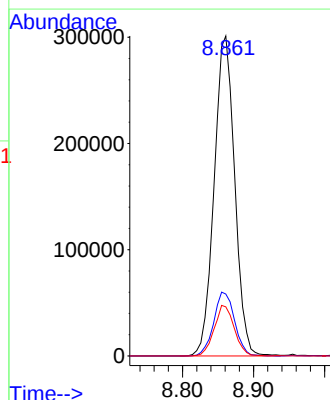
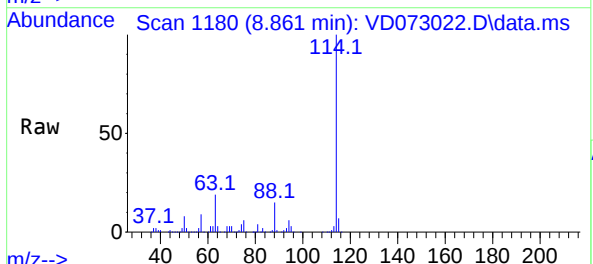
Instrument :
MSVOA_D
ClientSampleId :
SC-8

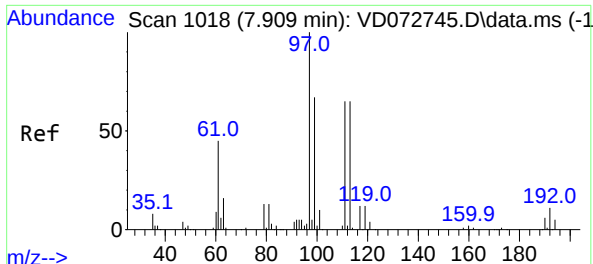
Tgt Ion: 65 Resp: 179674
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

Tgt Ion: 114 Resp: 603983
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 29.044 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073022.D

Acq: 14 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

SC-8

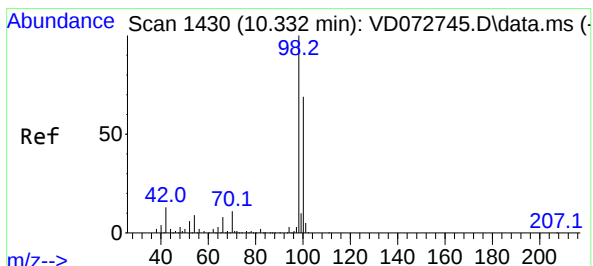
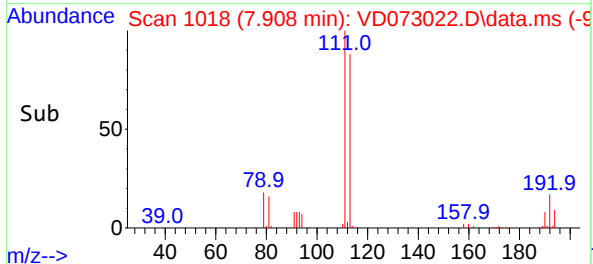
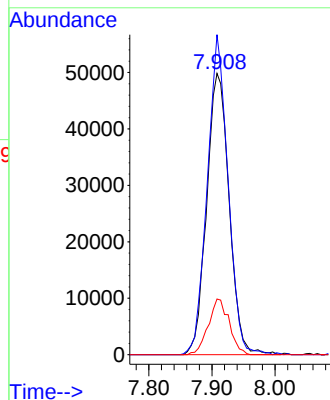
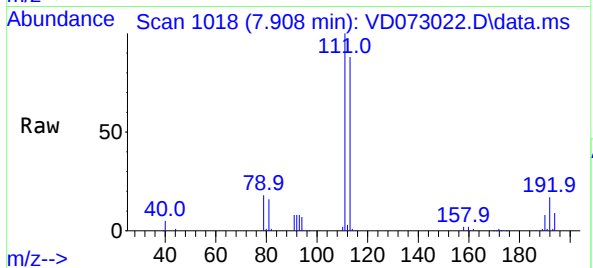
Tgt Ion:113 Resp: 123198

Ion Ratio Lower Upper

113 100

111 105.2 83.8 125.6

192 18.4 14.6 21.8



#50

Toluene-d8

Concen: 48.170 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD073022.D

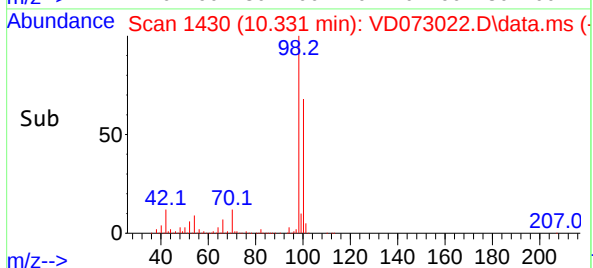
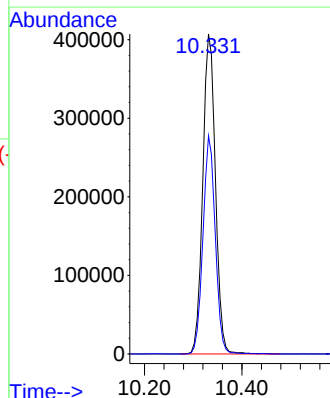
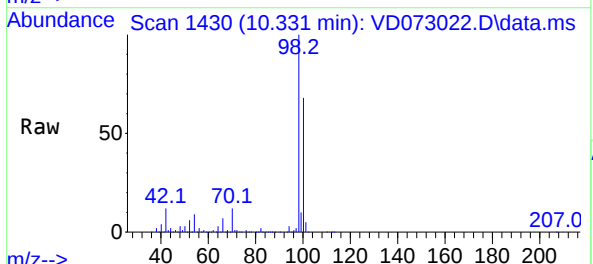
Acq: 14 May 2022 07:41

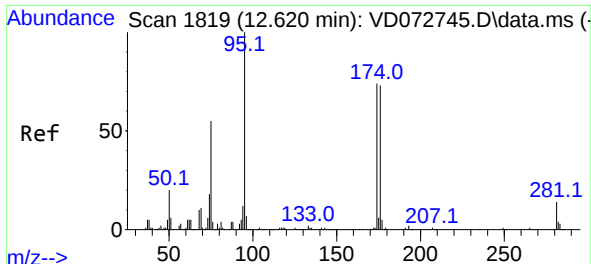
Tgt Ion: 98 Resp: 732947

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

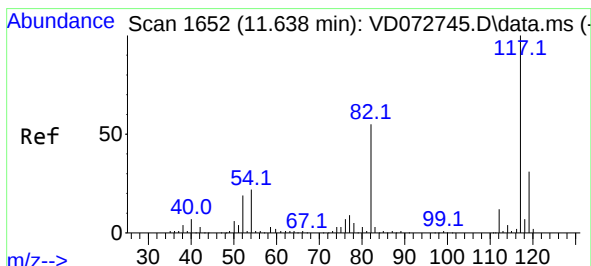
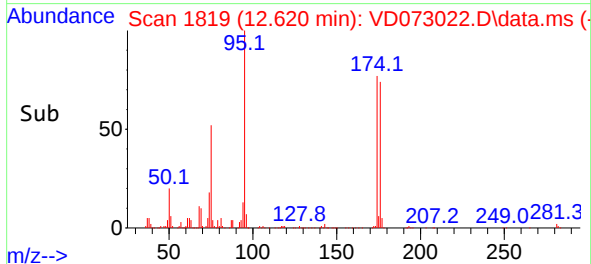
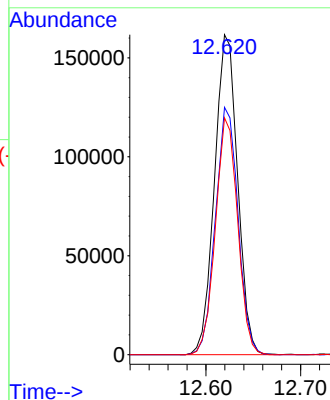
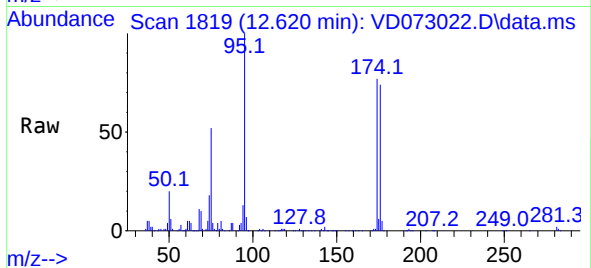




#62
4-Bromofluorobenzene
Concen: 48.218 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

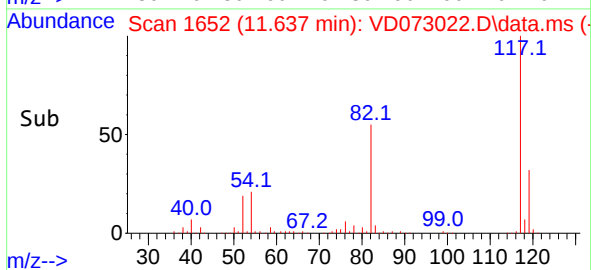
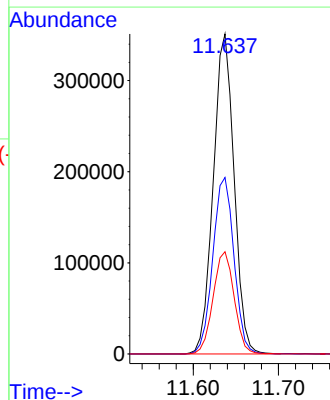
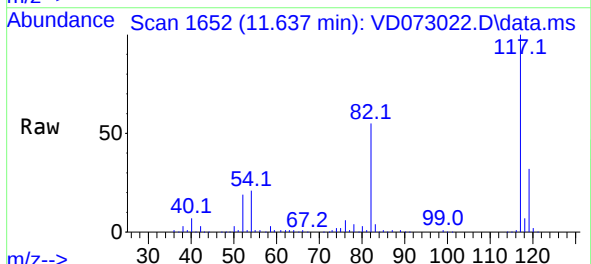
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SC-8

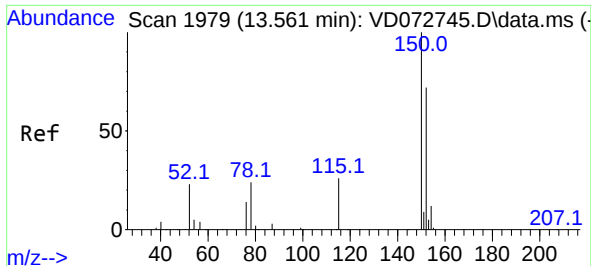
Tgt Ion: 95 Resp: 273571
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 71.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073022.D
Acq: 14 May 2022 07:41

Tgt Ion: 117 Resp: 597097
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 32.0 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: VD073022.D

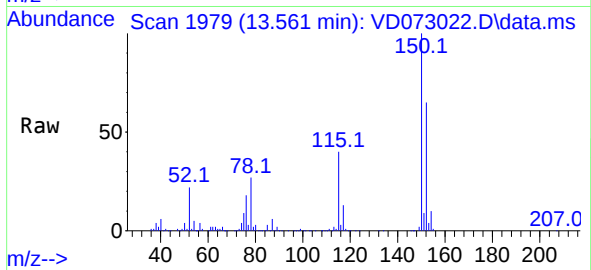
Acq: 14 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

SC-8



Tgt Ion:152 Resp: 280741

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 154.7 0.0 348.6

