

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073221.D
 Acq On : 21 May 2022 10:39
 Operator : VA/SY
 Sample : N2842-19
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P023-SS003-0006-01

Quant Time: May 22 00:01:54 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)

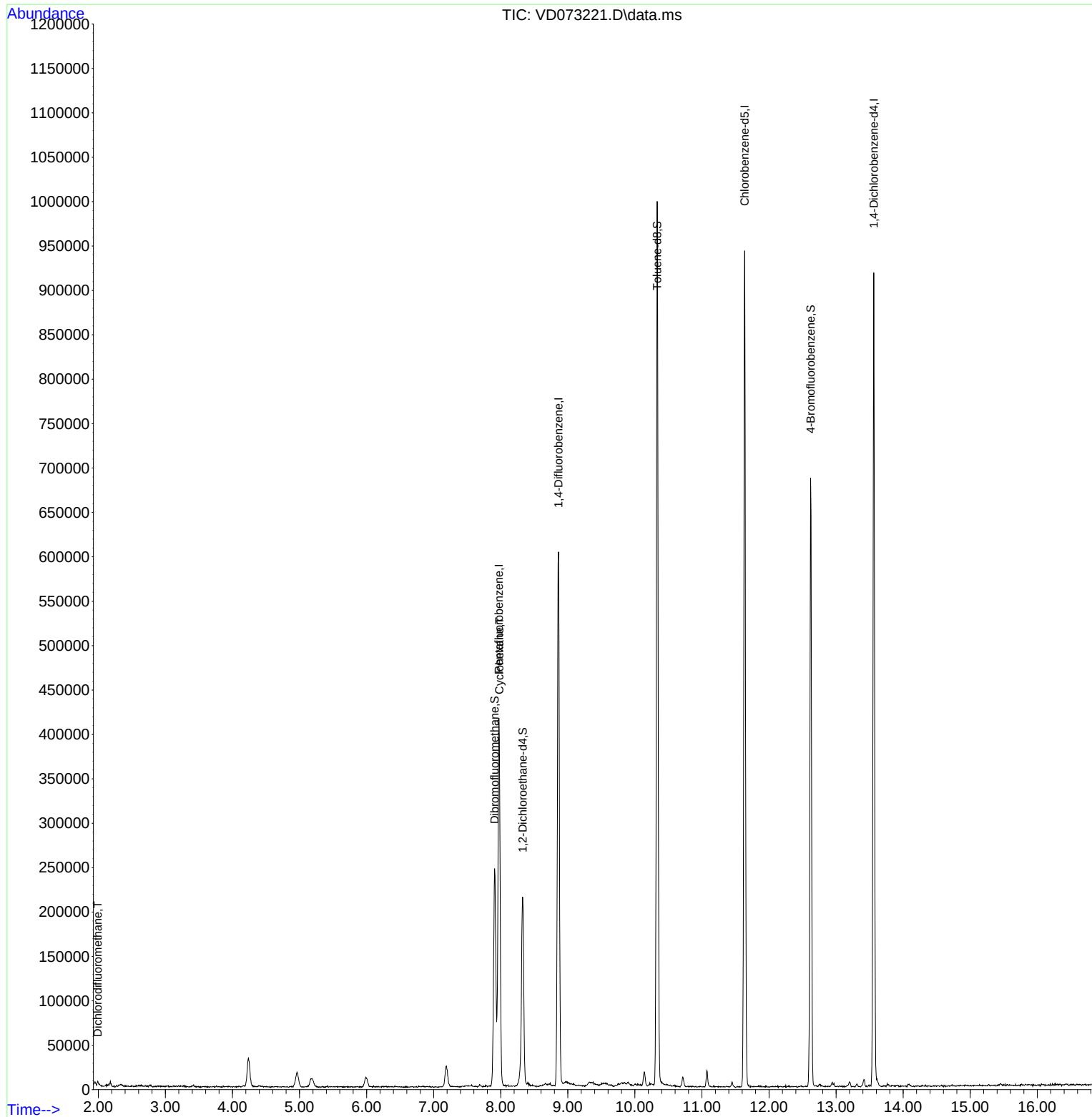
Internal Standards						
1) Pentafluorobenzene	7.973	168	294562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	523150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169200	51.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.960%	
35) Dibromofluoromethane	7.909	113	179619	52.032	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.332	98	651098	51.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.620	95	228315	51.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	3692	1.254	ug/l	77
31) Cyclohexane	7.979	56	7639	1.343	ug/l #	1

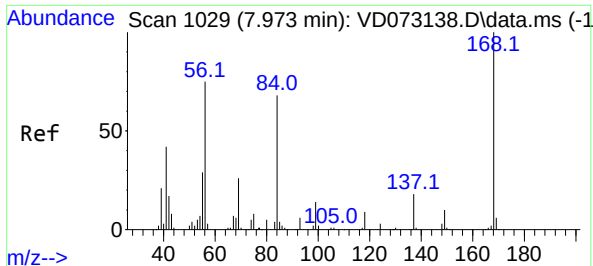
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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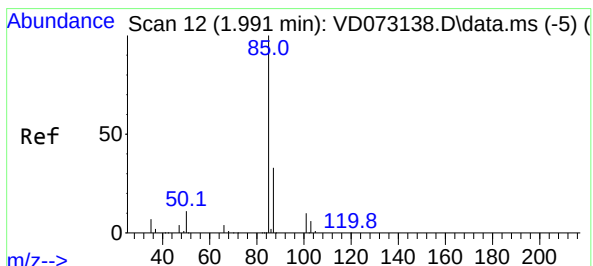
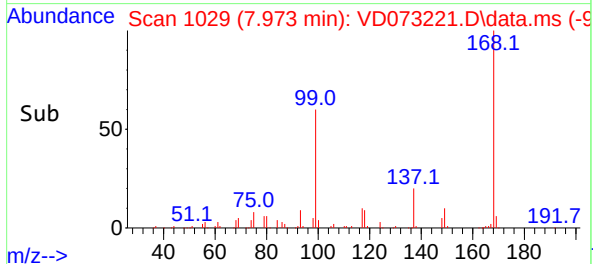
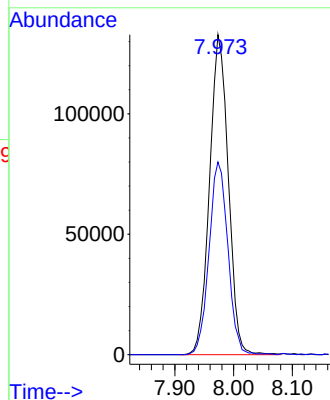
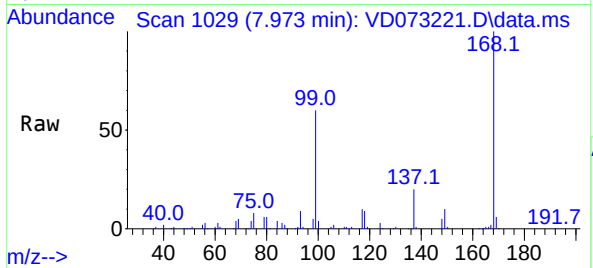




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073221.D
Acq: 21 May 2022 10:39

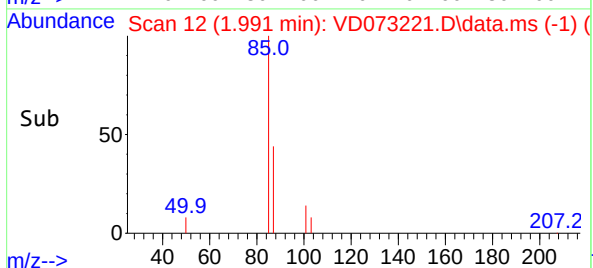
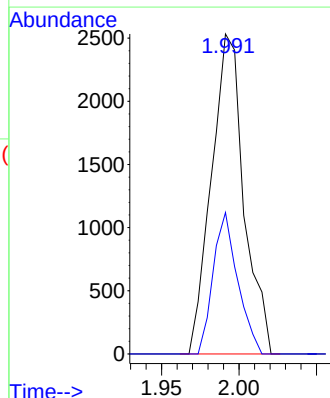
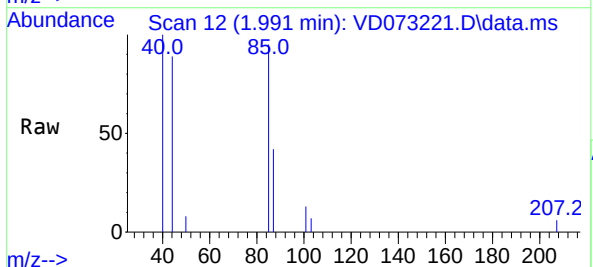
Instrument :
MSVOA_D
ClientSampleId :
P023-SS003-0006-01

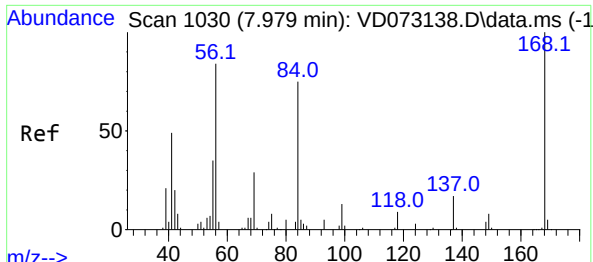
Tgt Ion:168 Resp: 294562
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.254 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073221.D
Acq: 21 May 2022 10:39

Tgt Ion: 85 Resp: 3692
Ion Ratio Lower Upper
85 100
87 44.2 15.7 47.0





#31

Cyclohexane

Concen: 1.343 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073221.D

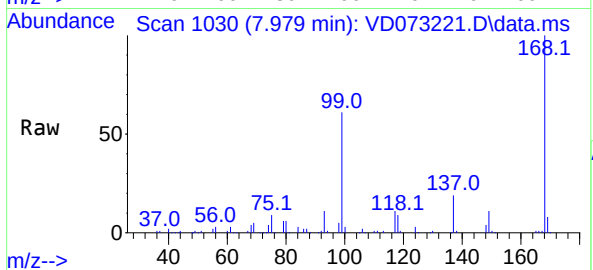
Acq: 21 May 2022 10:39

Instrument :

MSVOA_D

ClientSampleId :

P023-SS003-0006-01



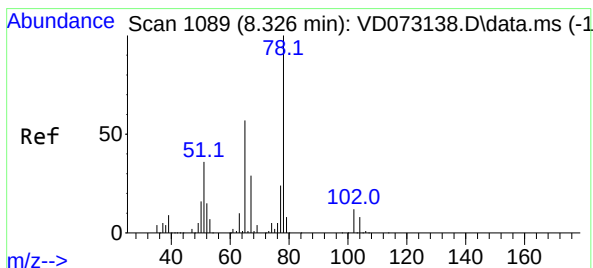
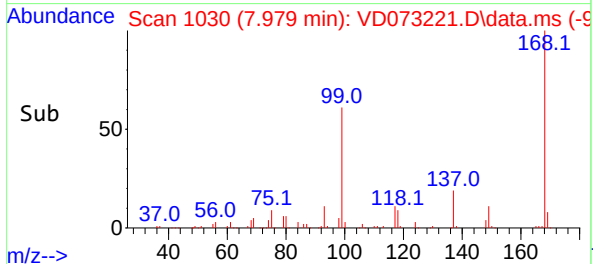
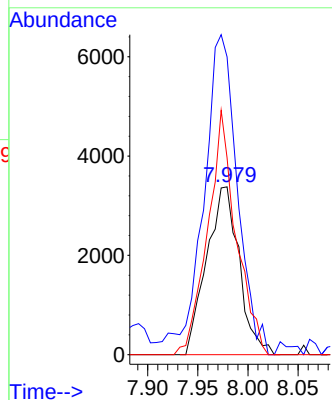
Tgt Ion: 56 Resp: 7639

Ion Ratio Lower Upper

56 100

69 169.6 25.4 38.2#

84 117.3 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.976 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073221.D

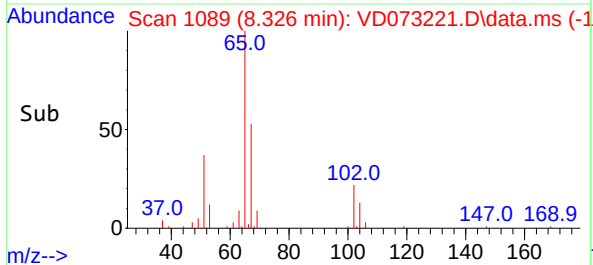
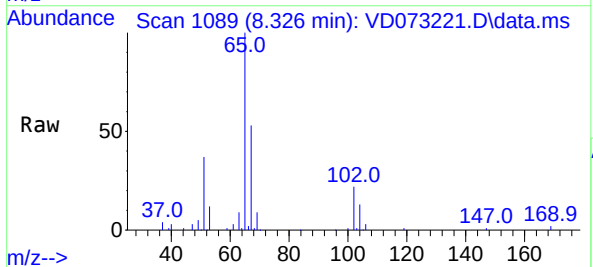
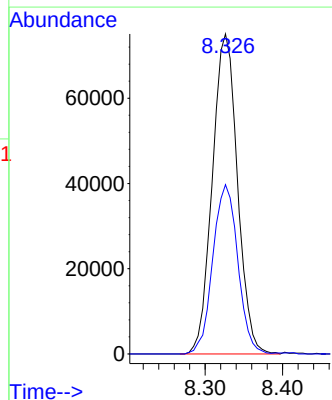
Acq: 21 May 2022 10:39

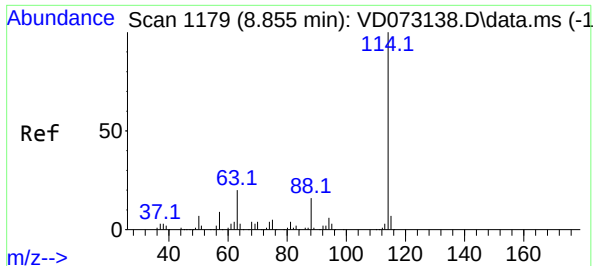
Tgt Ion: 65 Resp: 169200

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073221.D

Acq: 21 May 2022 10:39

Instrument :

MSVOA_D

ClientSampleId :

P023-SS003-0006-01

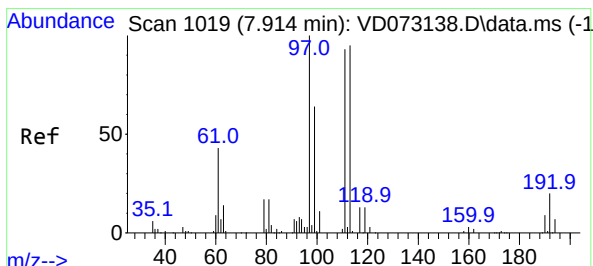
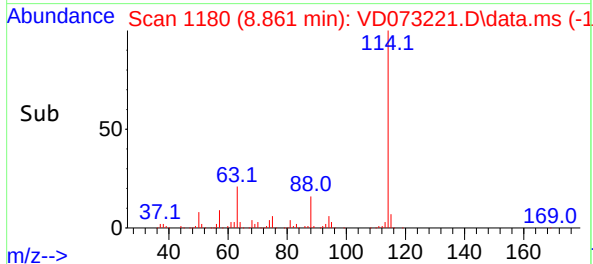
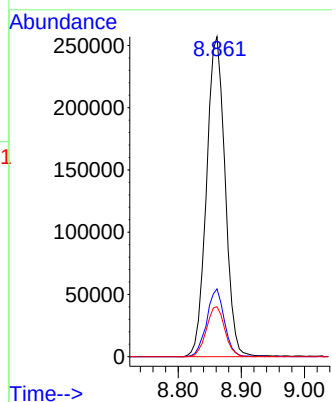
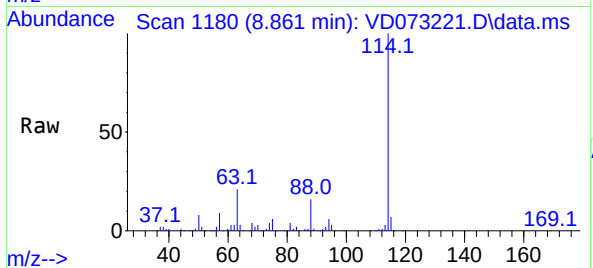
Tgt Ion:114 Resp: 523150

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.032 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073221.D

Acq: 21 May 2022 10:39

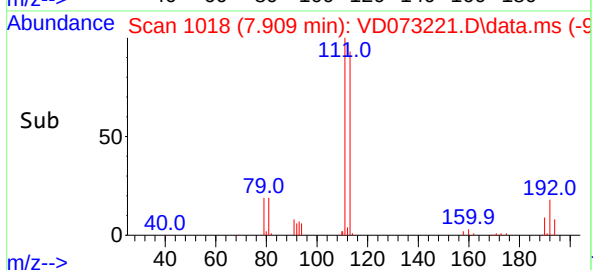
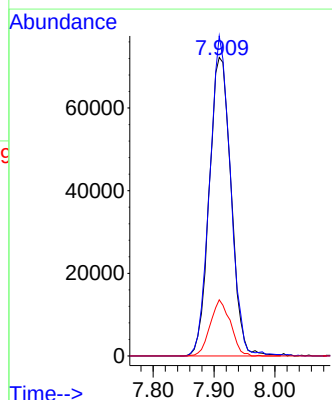
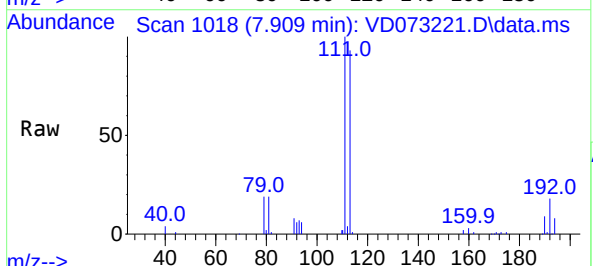
Tgt Ion:113 Resp: 179619

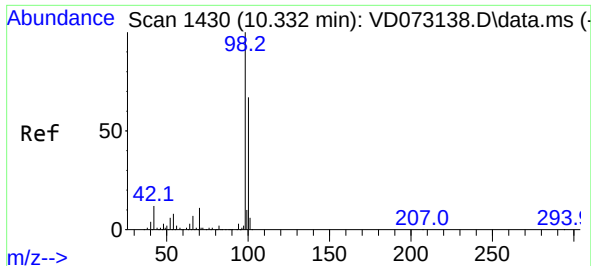
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.5 14.6 21.8

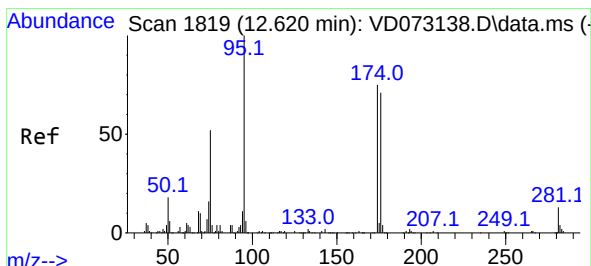
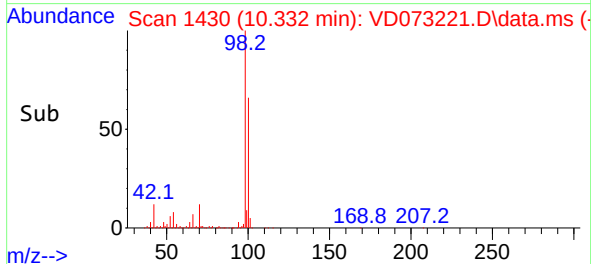
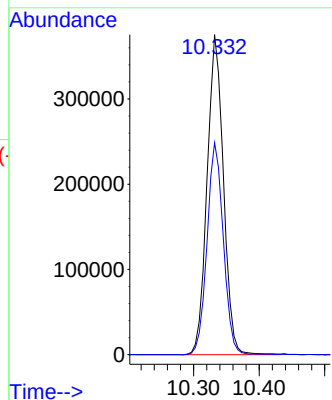
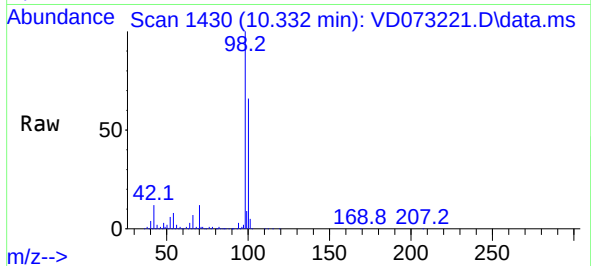




#50
Toluene-d8
Concen: 51.166 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073221.D
Acq: 21 May 2022 10:39

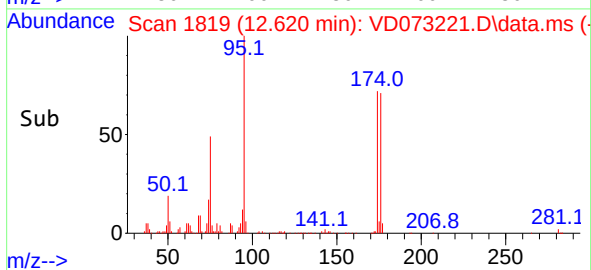
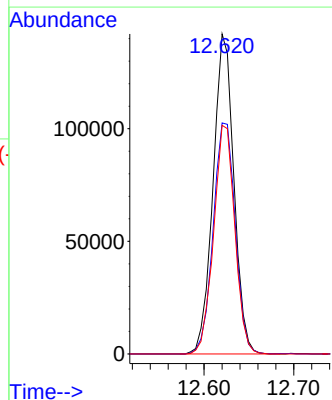
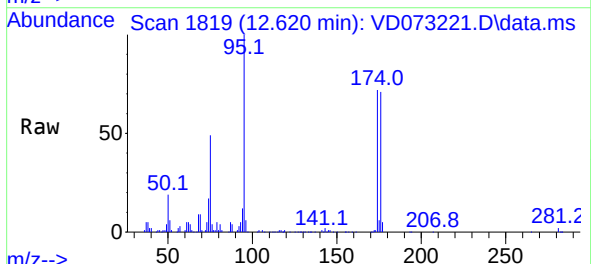
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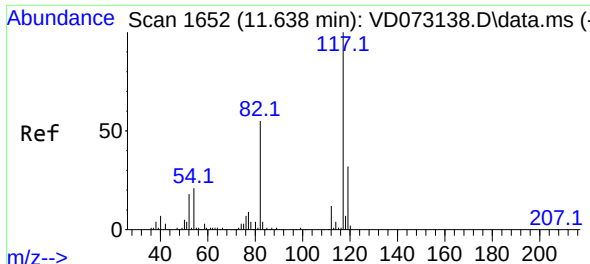
Tgt Ion: 98 Resp: 651098
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.125 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073221.D
Acq: 21 May 2022 10:39

Tgt Ion: 95 Resp: 228315
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 72.9 0.0 145.4

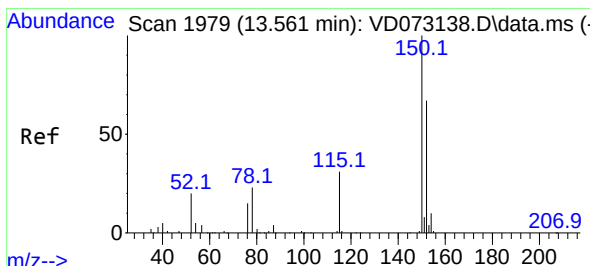
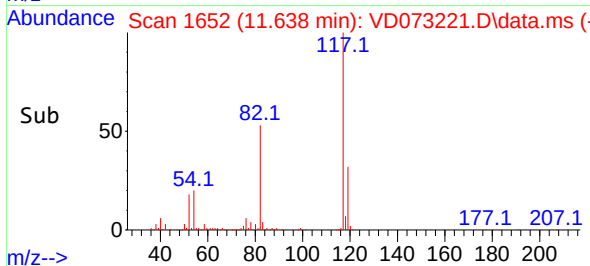
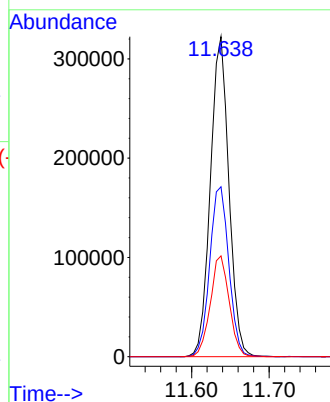
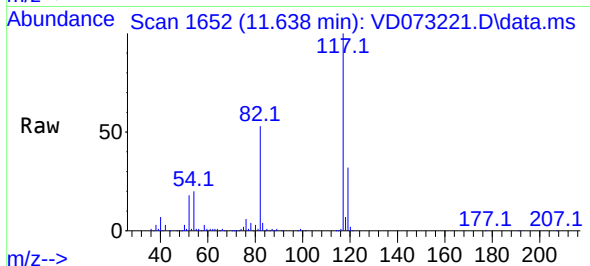




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073221.D
Acq: 21 May 2022 10:39

Instrument :
MSVOA_D
ClientSampleId :
P023-SS003-0006-01

Tgt Ion:117 Resp: 534599
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.5 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: VD073221.D
Acq: 21 May 2022 10:39

Tgt Ion:152 Resp: 231236
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 159.0 0.0 348.6

