

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073263.D
 Acq On : 22 May 2022 08:58
 Operator : VA/SY
 Sample : N2920-18
 Misc : 4.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS006-0006-01

Quant Time: May 23 01:14:37 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)

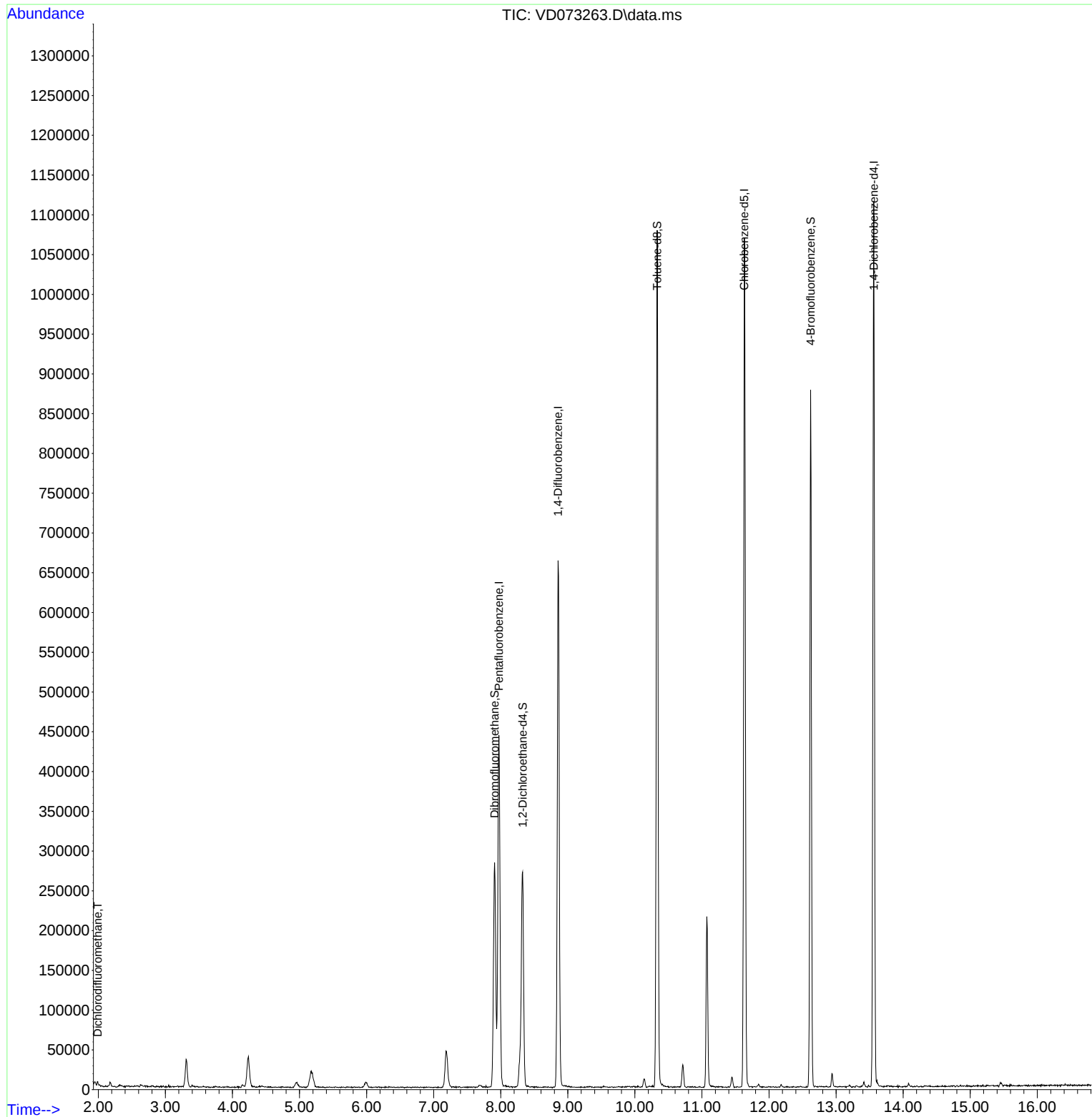
Internal Standards						
1) Pentafluorobenzene	7.973	168	316721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	570130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	628660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	292797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217881	62.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.500%
35) Dibromofluoromethane	7.909	113	207199	55.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.332	98	718440	51.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.620	95	284029	58.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.720%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	3706	1.171	ug/l	86

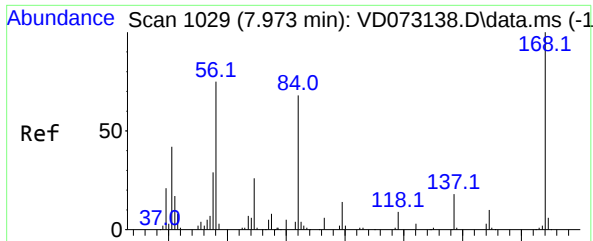
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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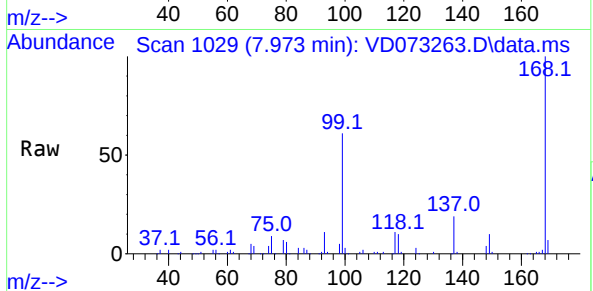
Quant Time: May 23 01:14:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



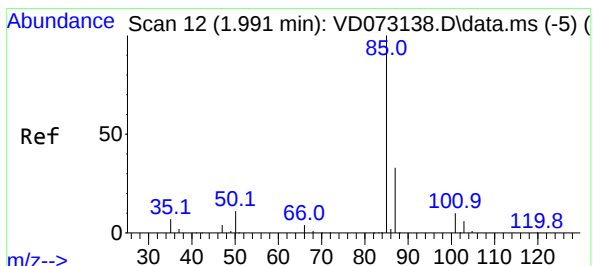
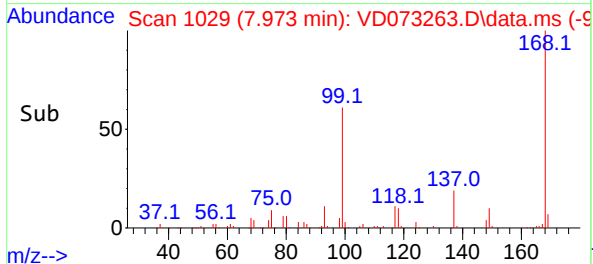
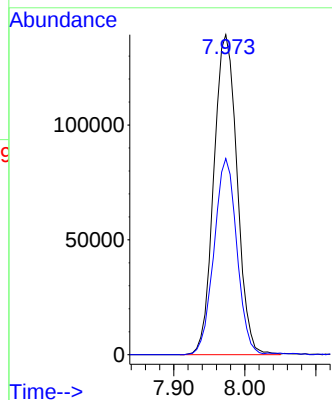


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

Instrument :
MSVOA_D
ClientSampleId :
P024-SS006-0006-01

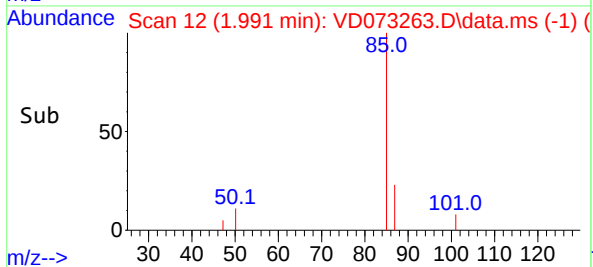
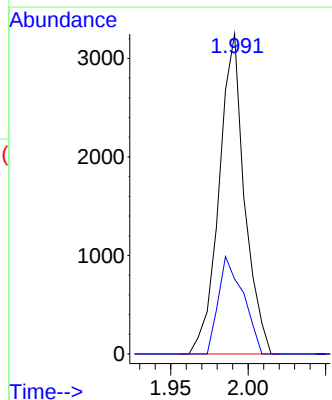
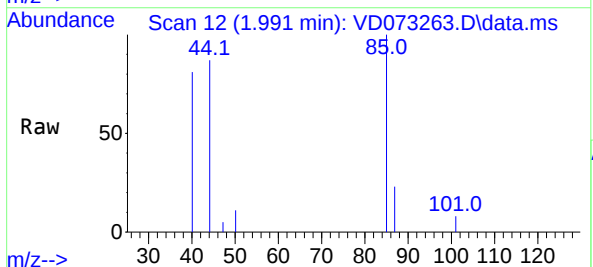


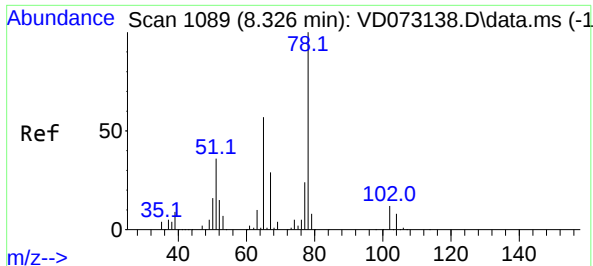
Tgt Ion:168 Resp: 316721
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.171 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

Tgt Ion: 85 Resp: 3706
Ion Ratio Lower Upper
85 100
87 23.4 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 62.248 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073263.D

Acq: 22 May 2022 08:58

Instrument :

MSVOA_D

ClientSampleId :

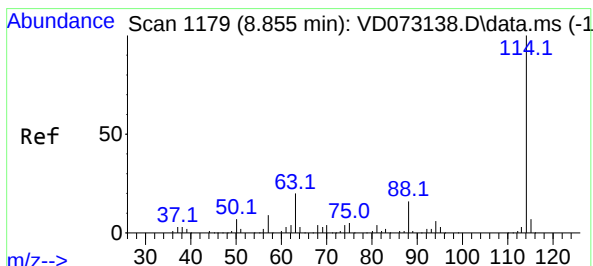
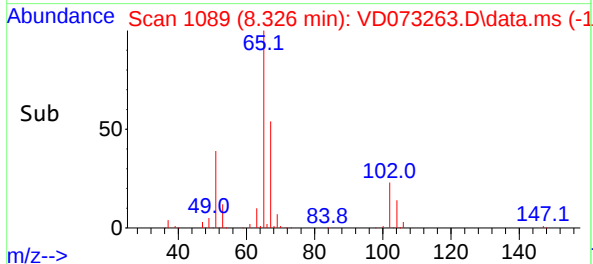
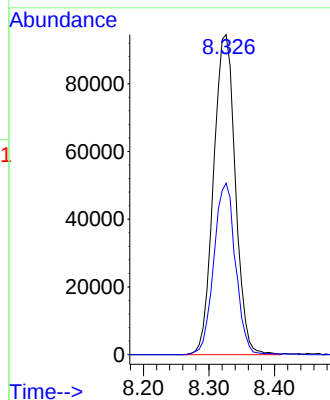
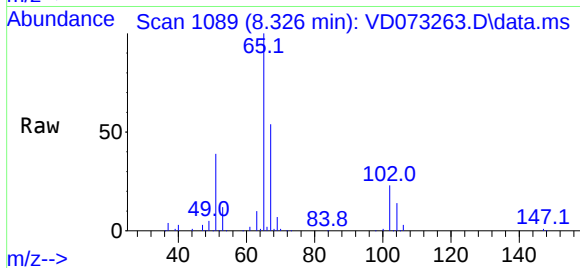
P024-SS006-0006-01

Tgt Ion: 65 Resp: 217881

Ion Ratio Lower Upper

65 100

67 53.5 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: VD073263.D

Acq: 22 May 2022 08:58

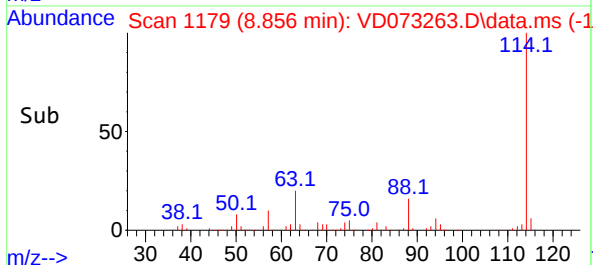
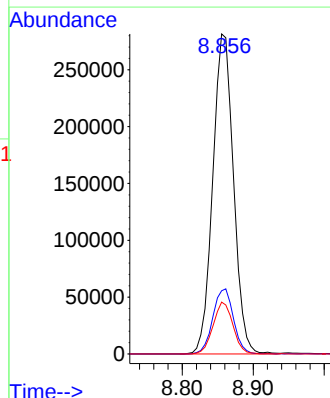
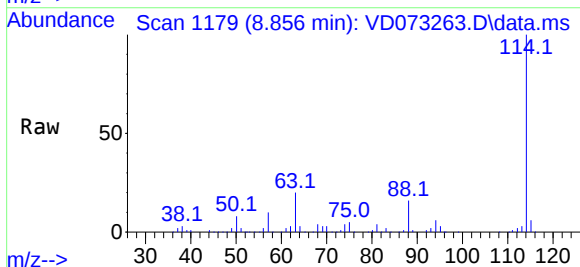
Tgt Ion: 114 Resp: 570130

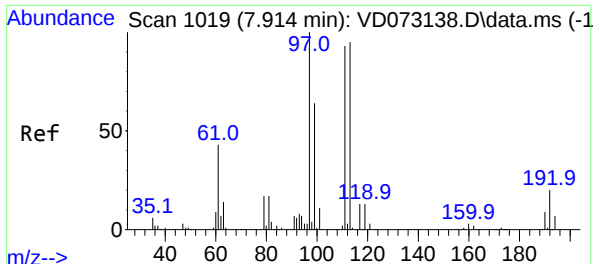
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.2 0.0 33.2

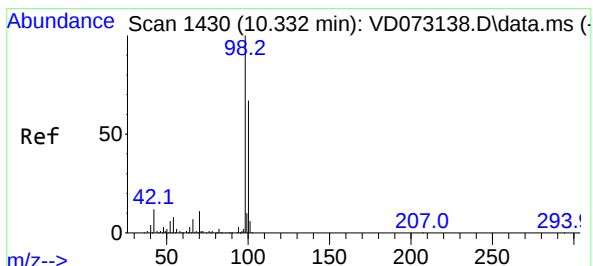
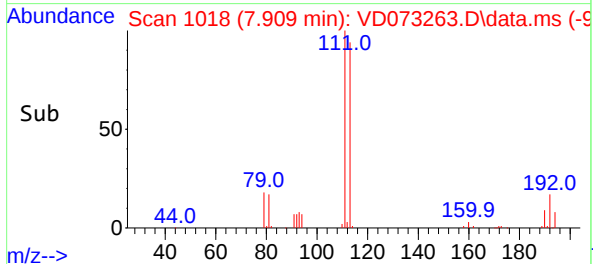
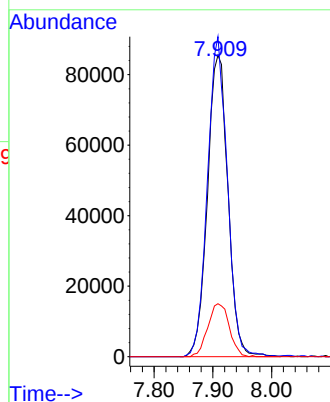
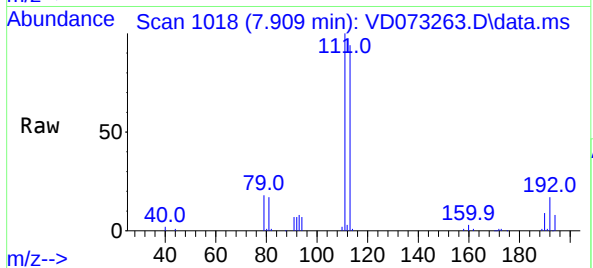




#35
Dibromofluoromethane
Concen: 55.075 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

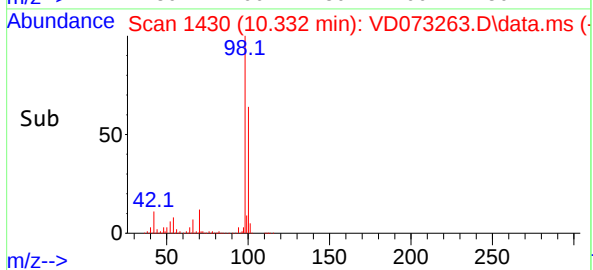
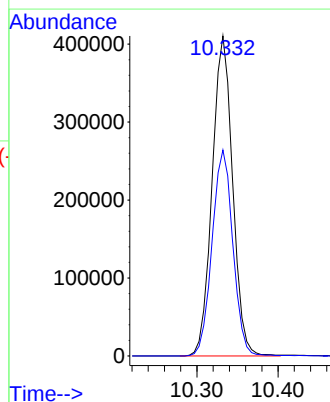
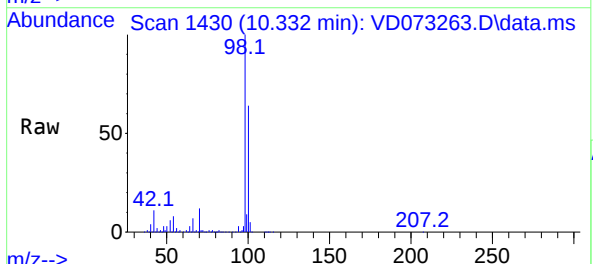
Instrument :
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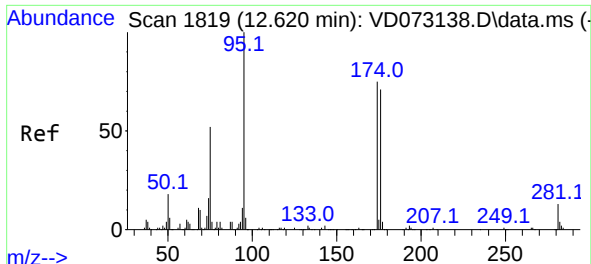
Tgt Ion:113 Resp: 207199
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

Tgt Ion: 98 Resp: 718440
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

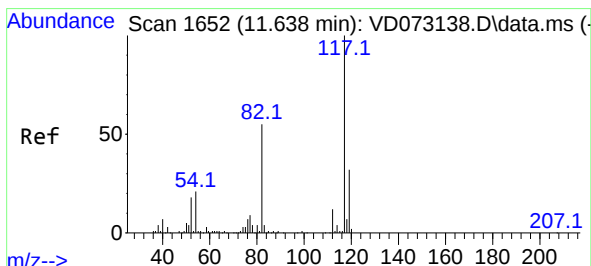
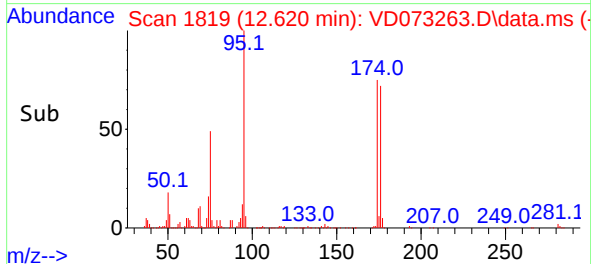
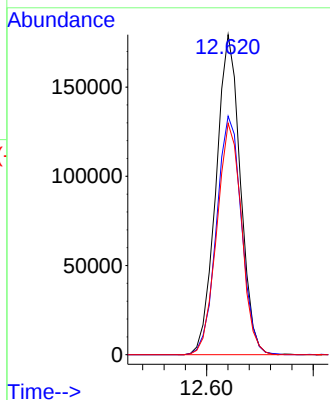
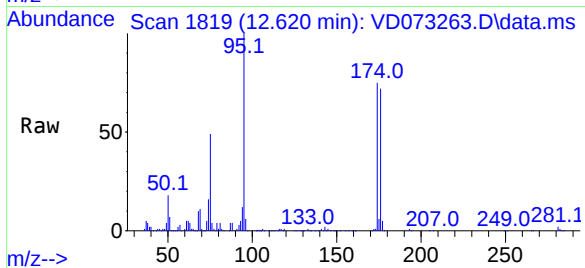




#62
4-Bromofluorobenzene
Concen: 58.360 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

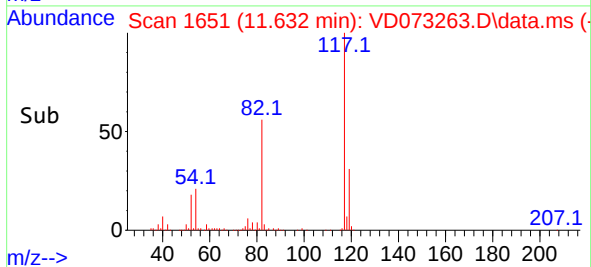
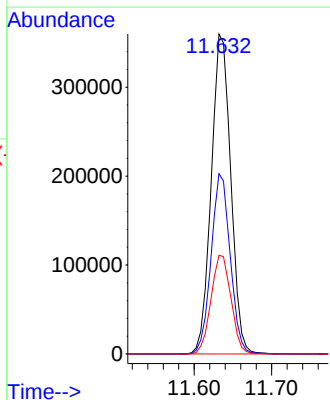
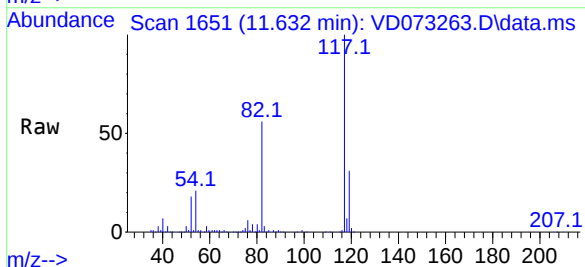
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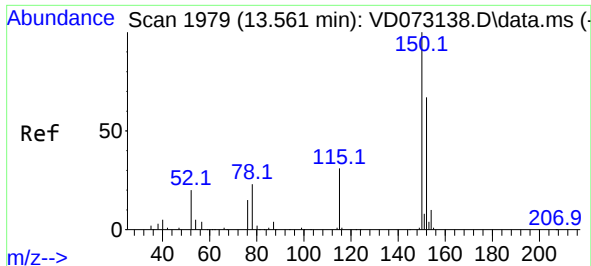
Tgt Ion: 95 Resp: 284029
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073263.D
Acq: 22 May 2022 08:58

Tgt Ion: 117 Resp: 628660
Ion Ratio Lower Upper
117 100
82 56.3 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: VD073263.D

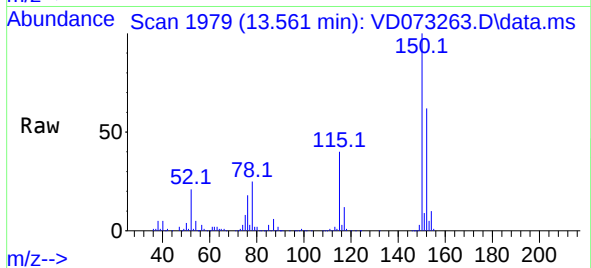
Acq: 22 May 2022 08:58

Instrument :

MSVOA_D

ClientSampleId :

P024-SS006-0006-01



Tgt Ion:152 Resp: 292797

Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 158.7 0.0 348.6

