

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073182.D
 Acq On : 20 May 2022 13:26
 Operator : VA/SY
 Sample : N2842-24
 Misc : 4.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-1218-01

Quant Time: May 20 14:25:02 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)

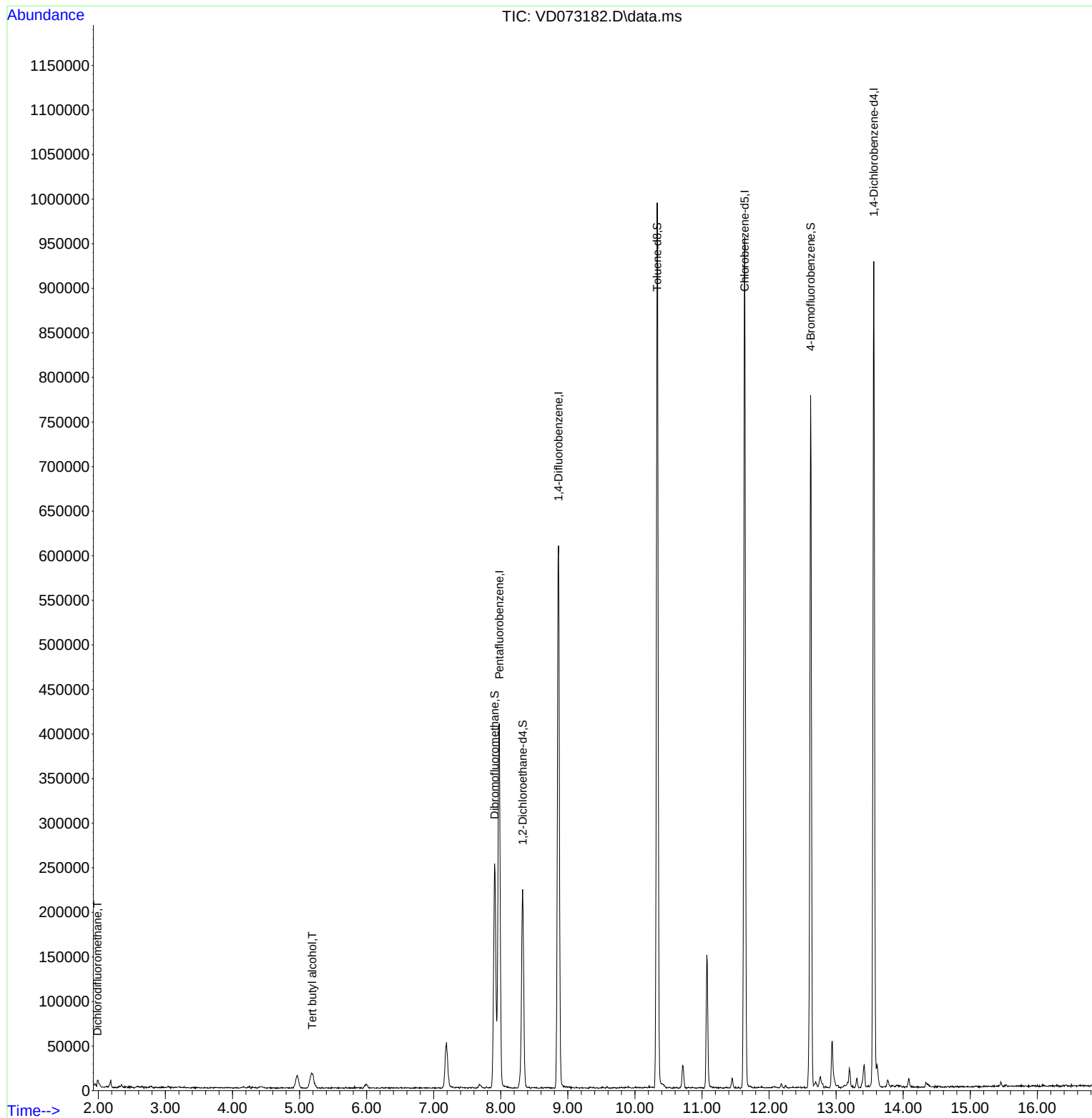
Internal Standards						
1) Pentafluorobenzene	7.979	168	304157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	540174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174969	52.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.908	113	182215	51.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.240%	
50) Toluene-d8	10.332	98	659981	50.229	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.620	95	243340	52.772	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	6340	2.086	ug/l	96
11) Tert butyl alcohol	5.191	59	18501	35.475	ug/l #	76

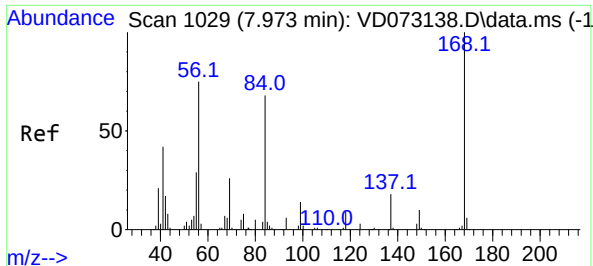
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073182.D

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Instrument :

MSVOA_D

ClientSampleId :

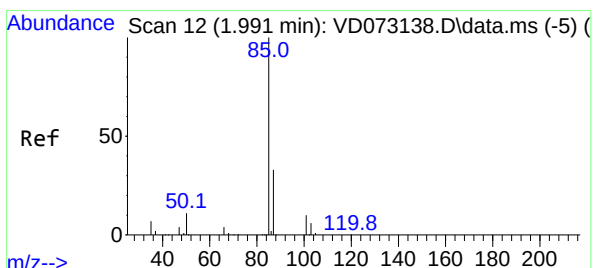
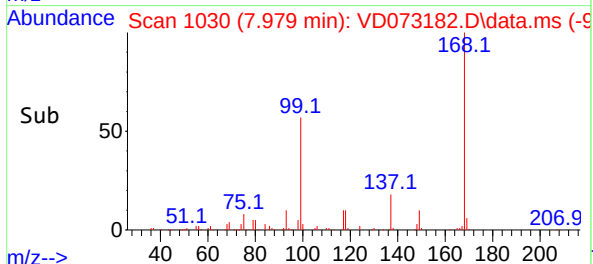
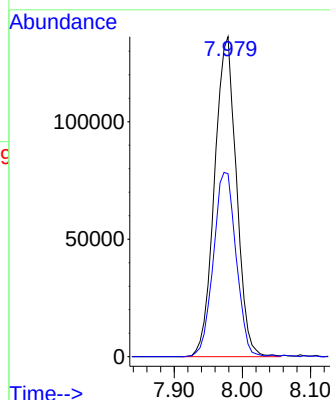
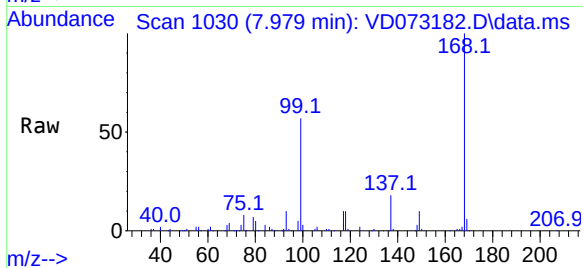
P025-SS001-1218-01

Tgt Ion:168 Resp: 304157

Ion Ratio Lower Upper

168 100

99 57.1 49.8 74.6



Dichlorodifluoromethane

Concen: 2.086 ug/l

RT: 1.985 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073182.D

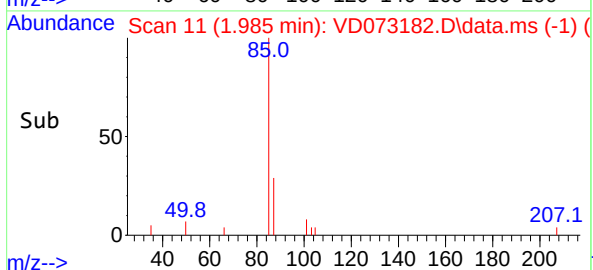
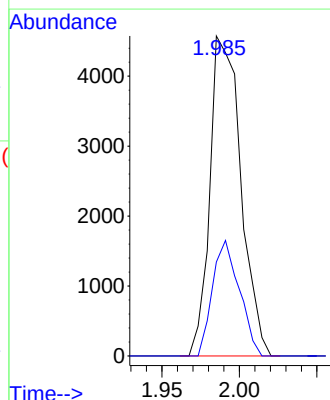
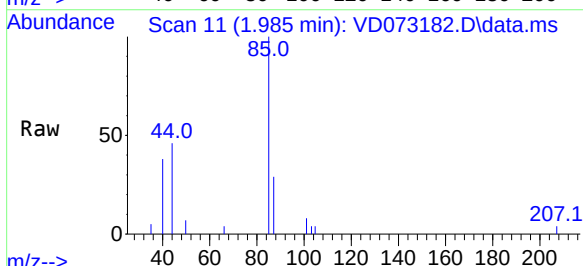
Acq: 20 May 2022 13:26

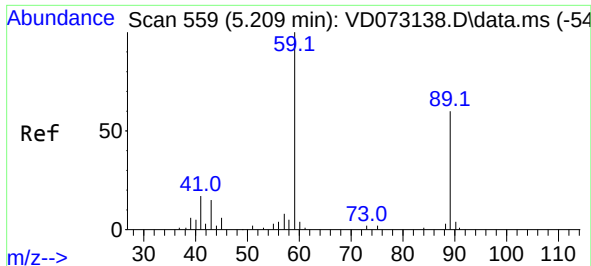
Tgt Ion: 85 Resp: 6340

Ion Ratio Lower Upper

85 100

87 29.3 15.7 47.0

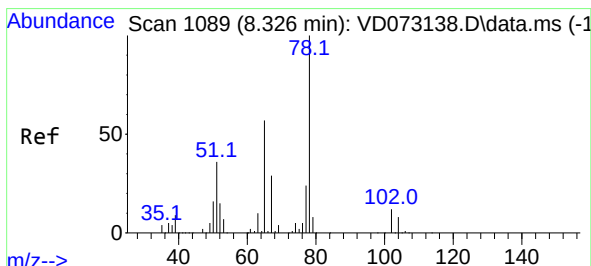
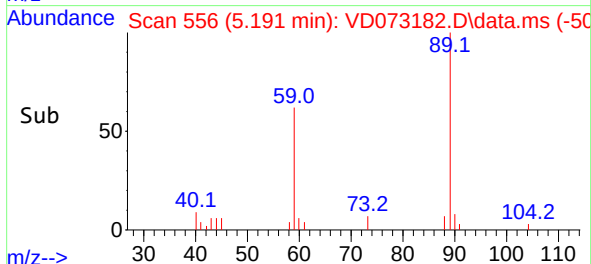
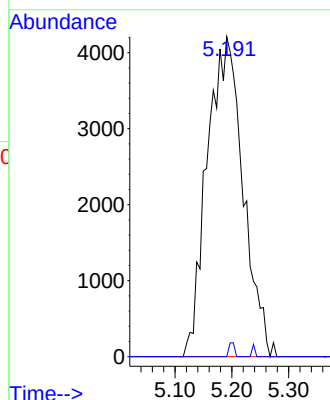
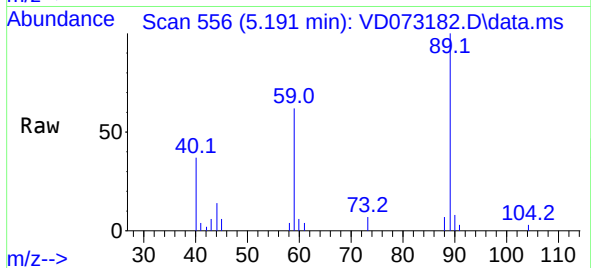




#11
Tert butyl alcohol
Concen: 35.475 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073182.D
Acq: 20 May 2022 13:26

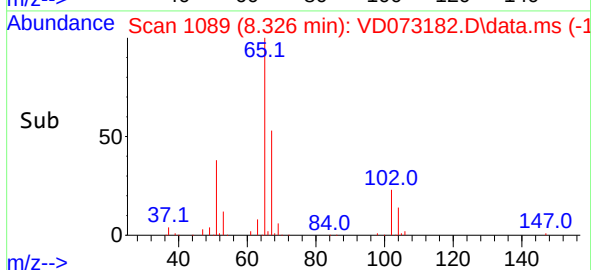
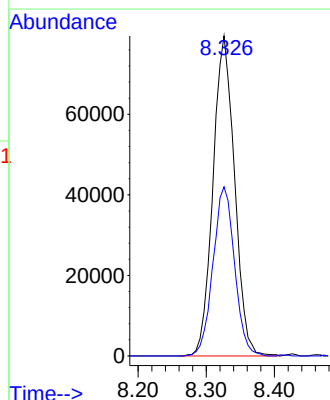
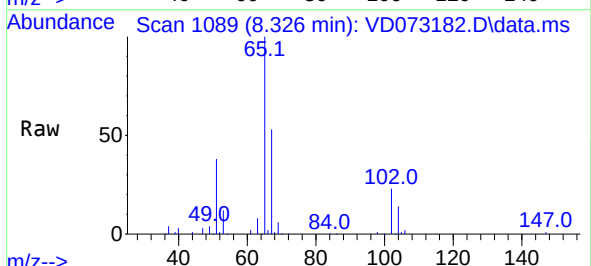
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1218-01

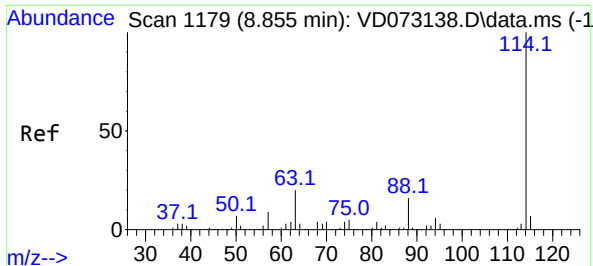
Tgt Ion: 59 Resp: 18501
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.6#



#33
1,2-Dichloroethane-d4
Concen: 52.053 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073182.D
Acq: 20 May 2022 13:26

Tgt Ion: 65 Resp: 174969
Ion Ratio Lower Upper
65 100
67 52.9 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: VD073182.D

Acq: 20 May 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

P025-SS001-1218-01

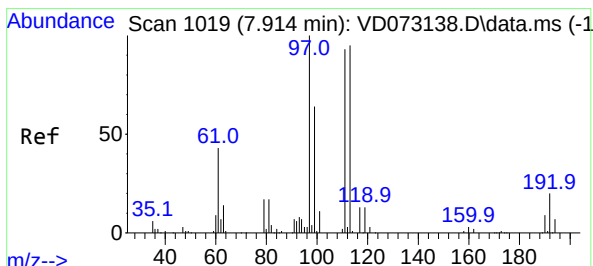
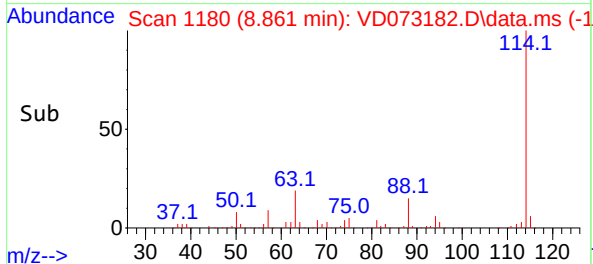
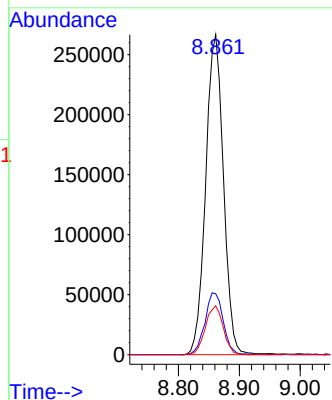
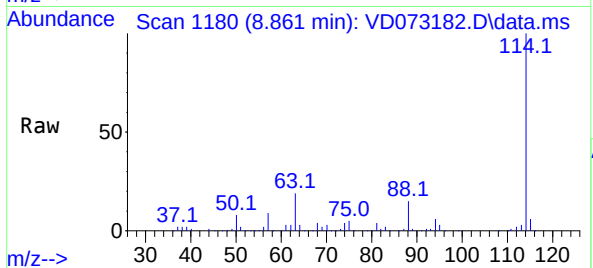
Tgt Ion:114 Resp: 540174

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.120 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073182.D

Acq: 20 May 2022 13:26

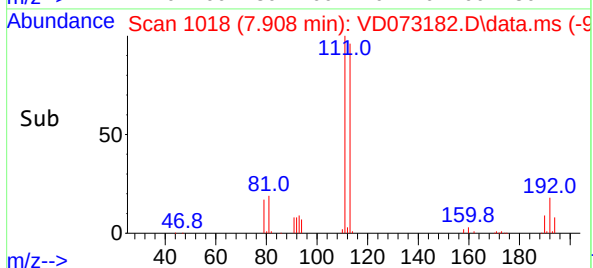
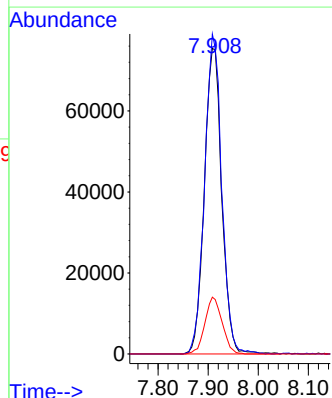
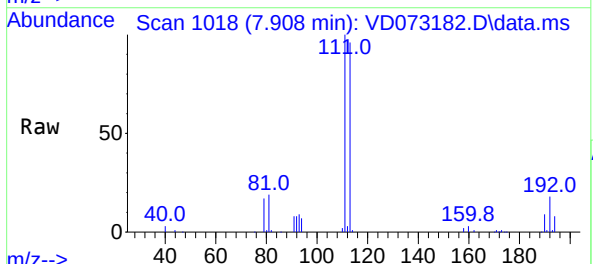
Tgt Ion:113 Resp: 182215

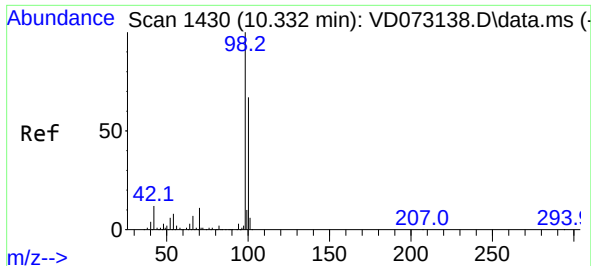
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.4 14.6 21.8

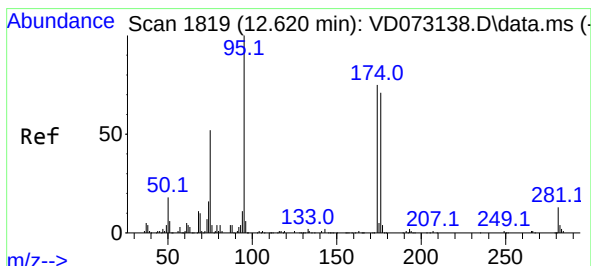
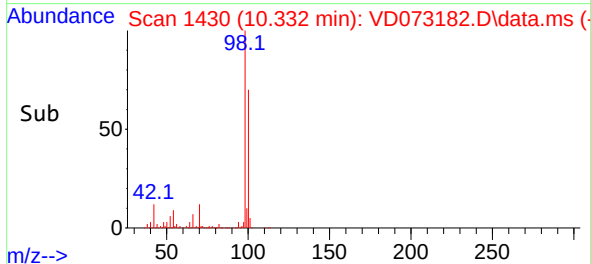
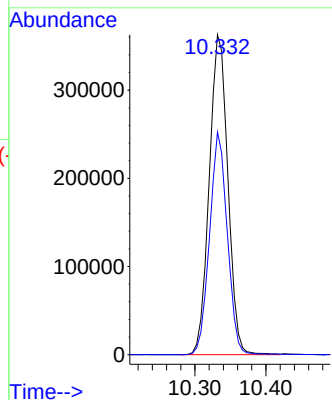
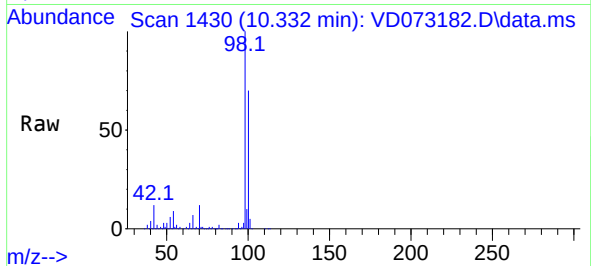




#50
Toluene-d8
Concen: 50.229 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073182.D
Acq: 20 May 2022 13:26

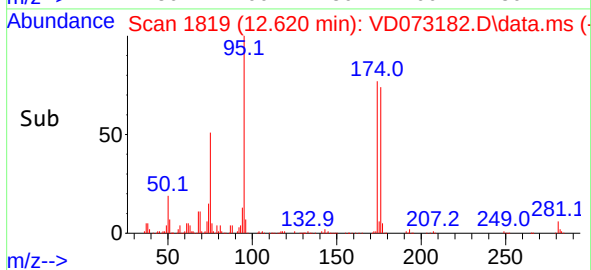
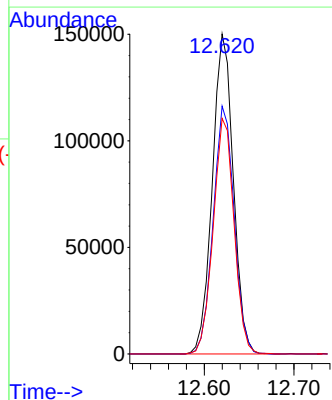
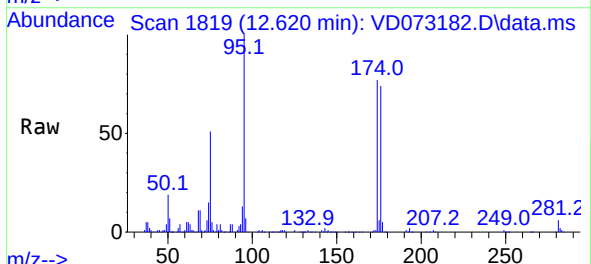
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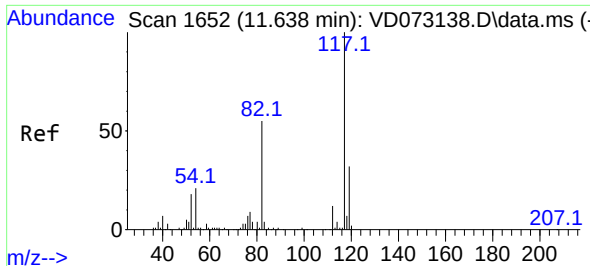
Tgt Ion: 98 Resp: 659981
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.772 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073182.D
Acq: 20 May 2022 13:26

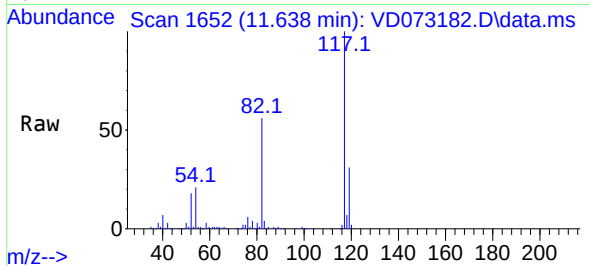
Tgt Ion: 95 Resp: 243340
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.3 0.0 145.4



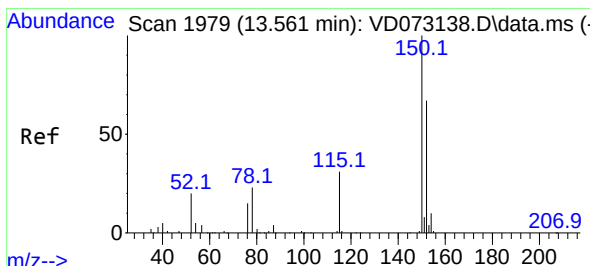
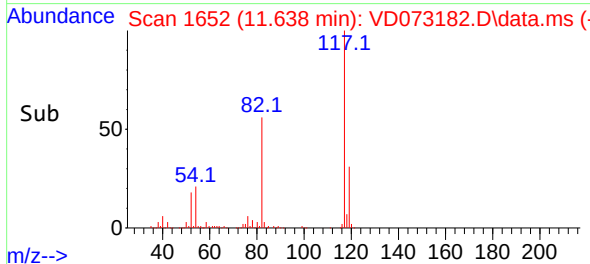
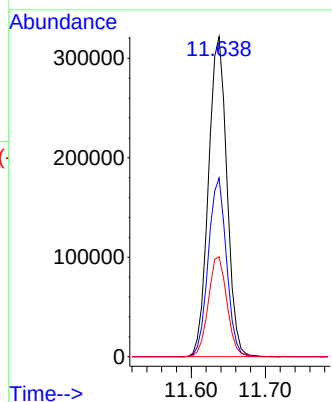


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073182.D
Acq: 20 May 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-1218-01



Tgt Ion:117 Resp: 555795
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.2 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: VD073182.D
Acq: 20 May 2022 13:26

Tgt Ion:152 Resp: 248579
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 155.5 0.0 348.6

