

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073193.D
 Acq On : 20 May 2022 19:51
 Operator : VA/SY
 Sample : N2935-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-051822

Quant Time: May 21 00:16:44 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)

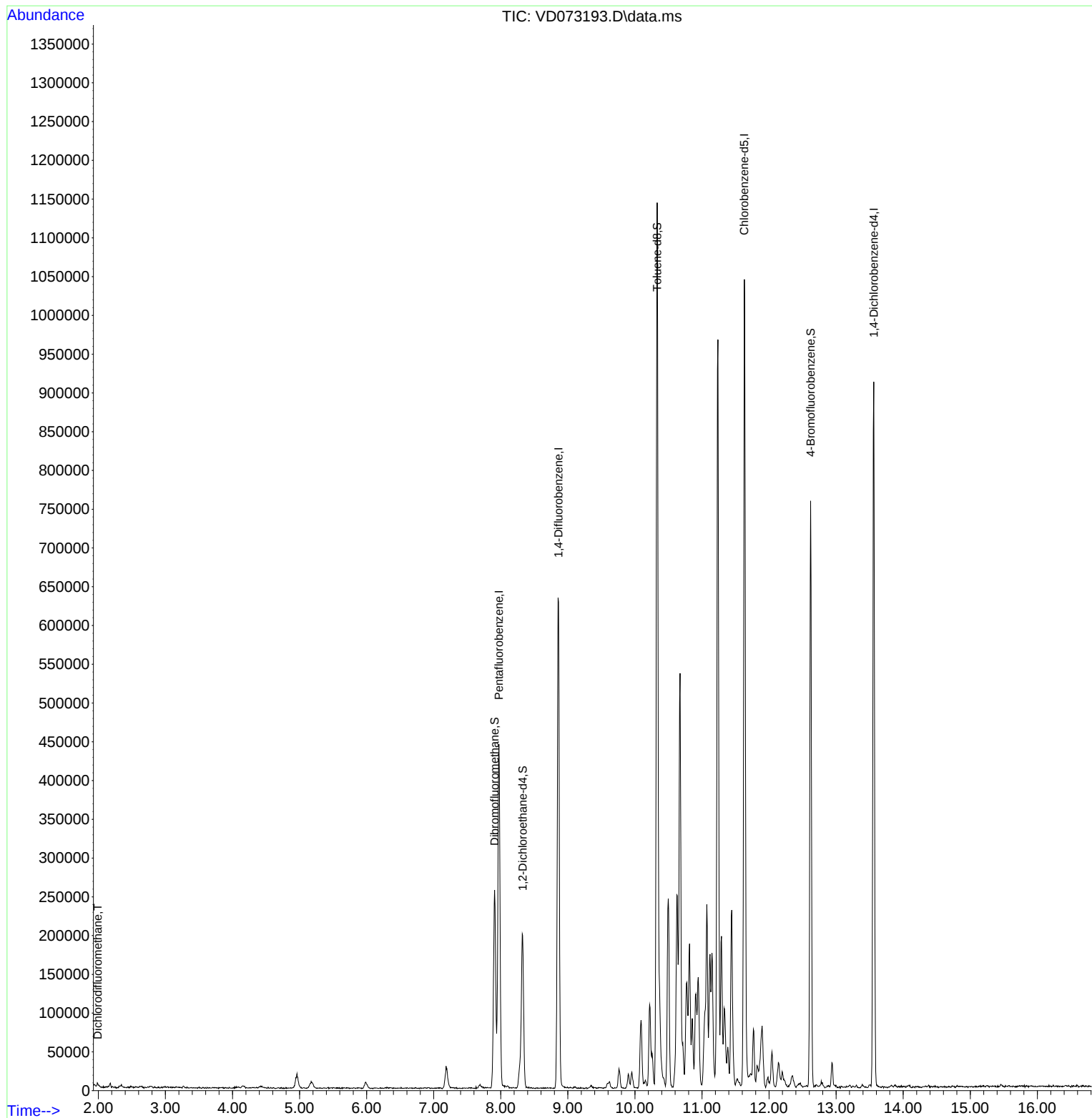
Internal Standards						
1) Pentafluorobenzene	7.973	168	317778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	548812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	594076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159581	45.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.880%
35) Dibromofluoromethane	7.908	113	184646	50.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.332	98	736538	55.174	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.620	95	249796	53.320	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	3956	1.246	ug/l	92

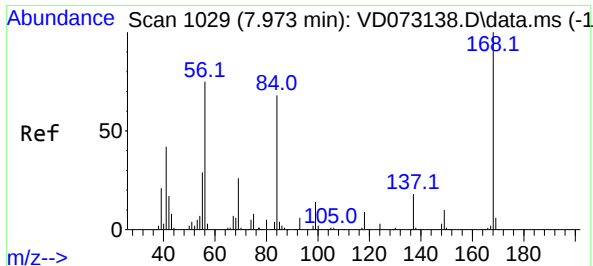
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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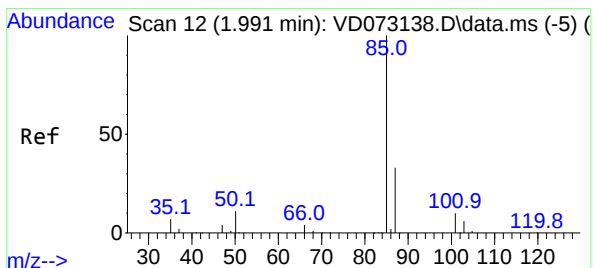
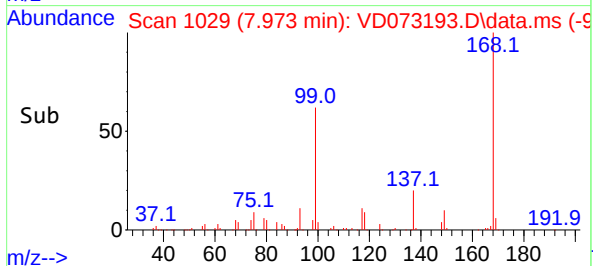
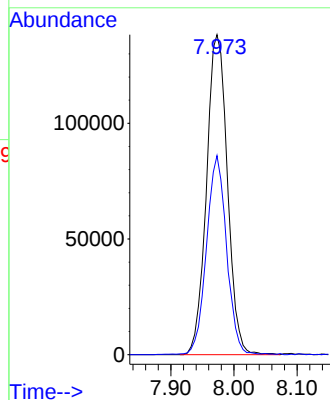
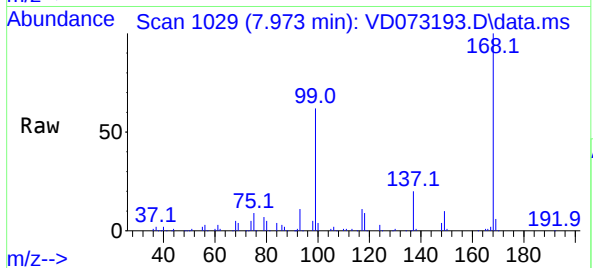




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

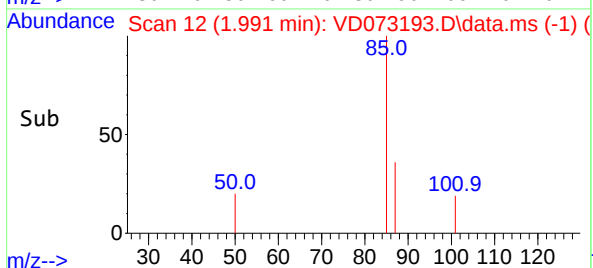
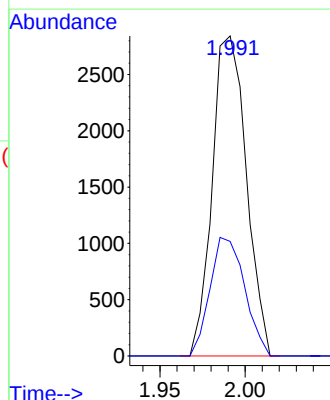
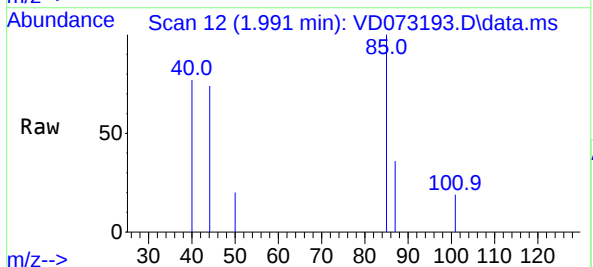
Instrument :
MSVOA_D
ClientSampleId :
OK-03-051822

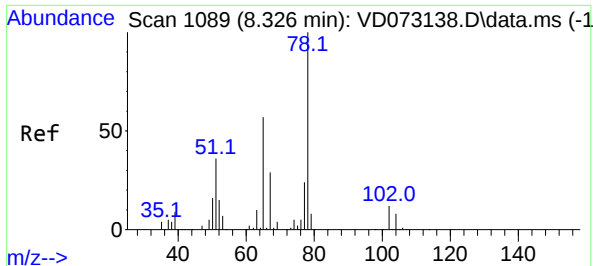
Tgt Ion:168 Resp: 317778
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.246 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

Tgt Ion: 85 Resp: 3956
Ion Ratio Lower Upper
85 100
87 35.8 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 45.440 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073193.D

Acq: 20 May 2022 19:51

Instrument :

MSVOA_D

ClientSampleId :

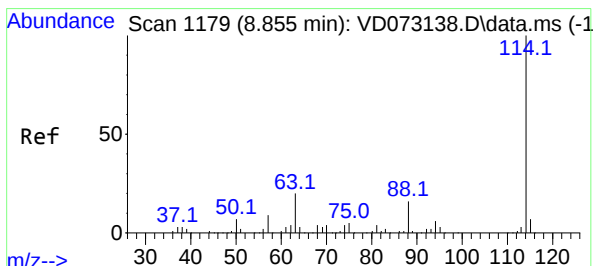
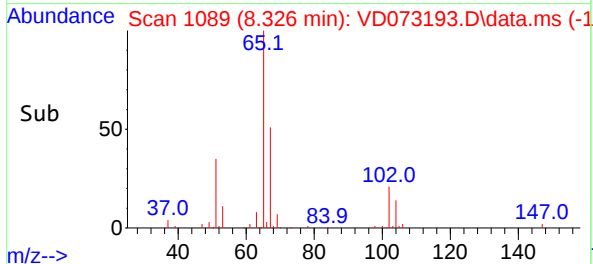
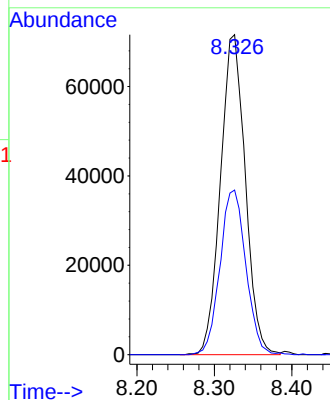
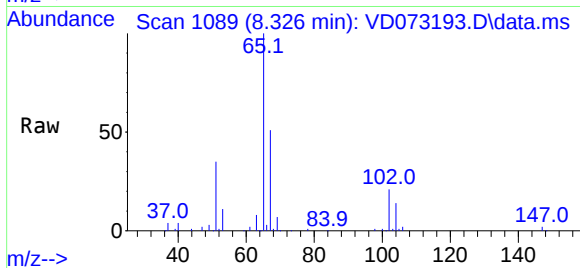
OK-03-051822

Tgt Ion: 65 Resp: 159581

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073193.D

Acq: 20 May 2022 19:51

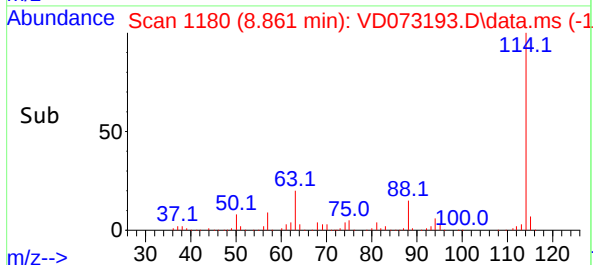
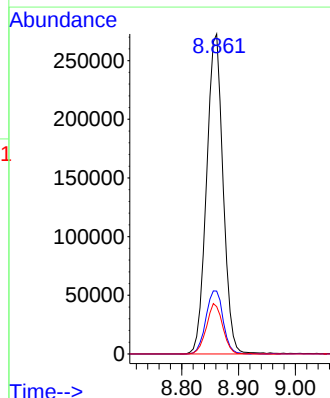
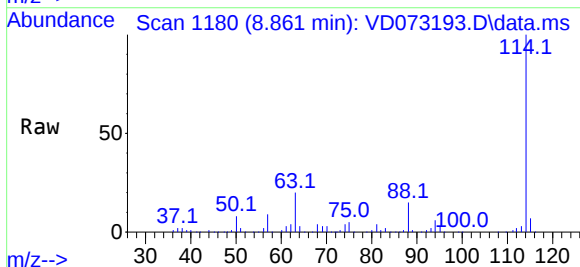
Tgt Ion: 114 Resp: 548812

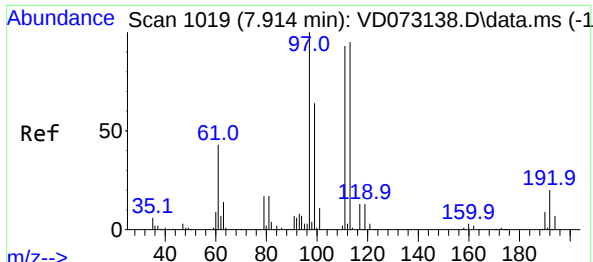
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 14.8 0.0 33.2

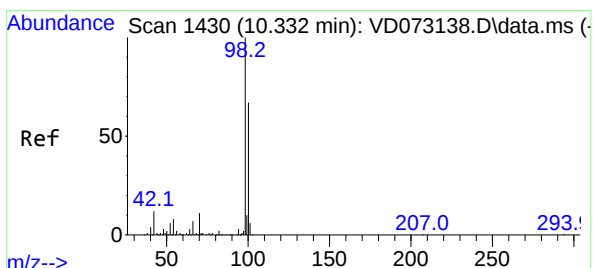
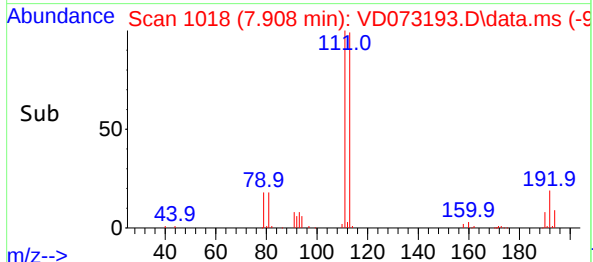
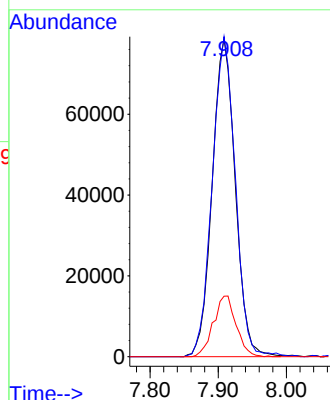
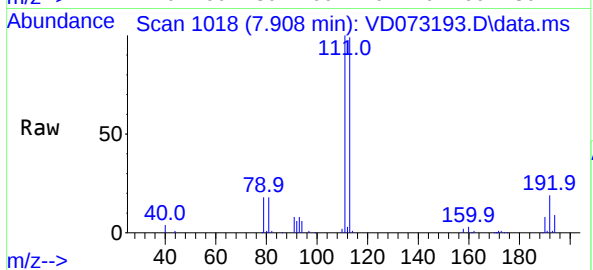




#35
Dibromofluoromethane
Concen: 50.987 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

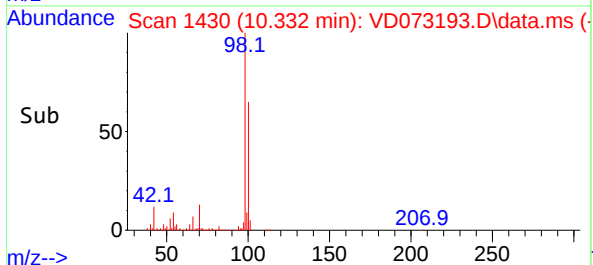
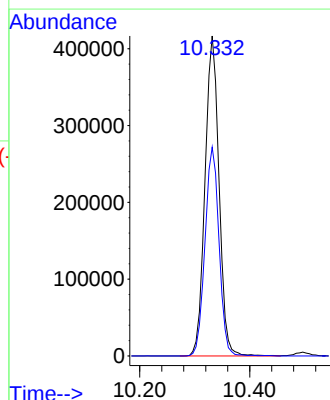
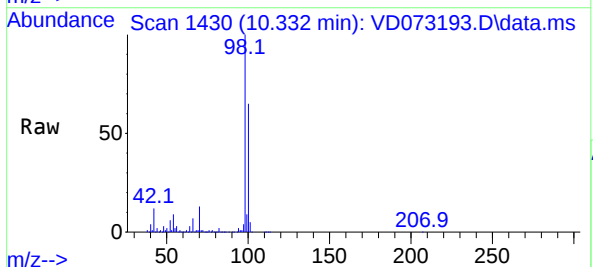
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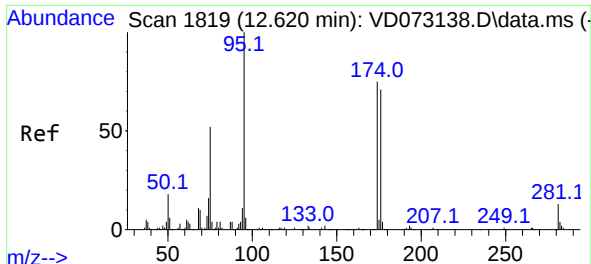
Tgt Ion:113 Resp: 184646
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 18.9 14.6 21.8



#50
Toluene-d8
Concen: 55.174 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

Tgt Ion: 98 Resp: 736538
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

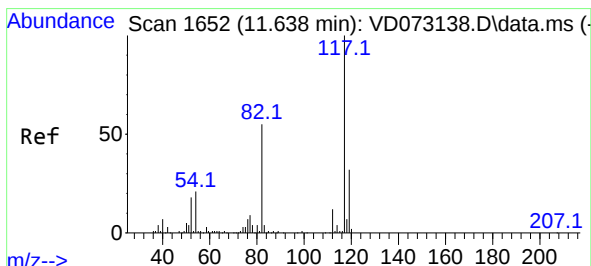
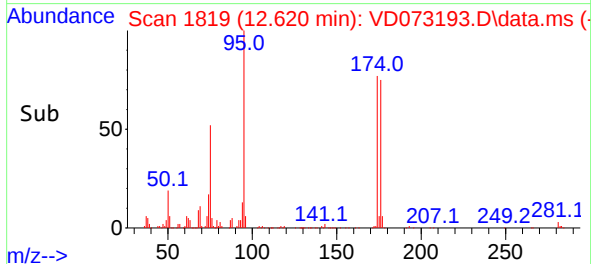
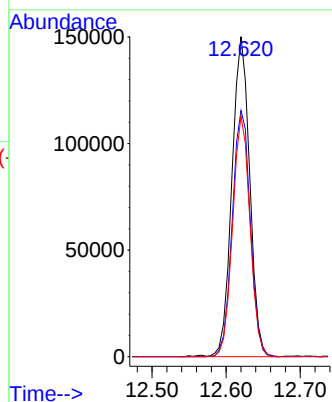
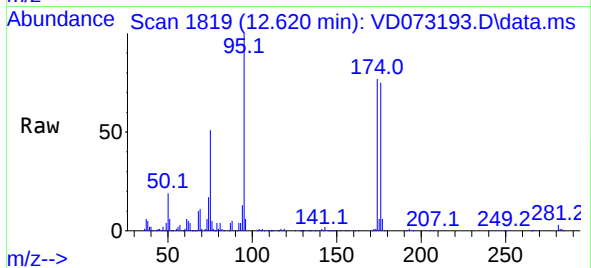




#62
4-Bromofluorobenzene
Concen: 53.320 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

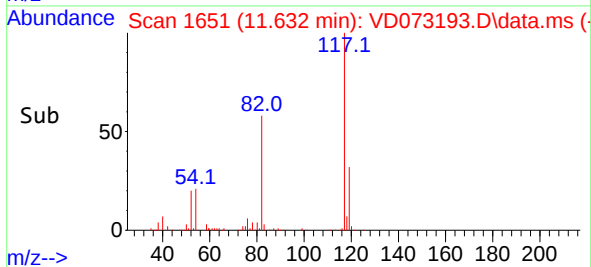
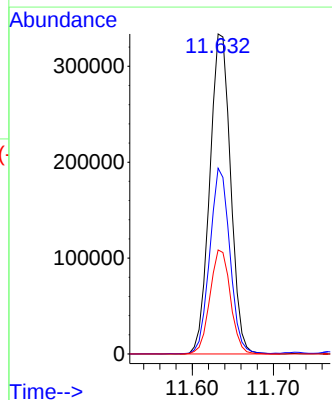
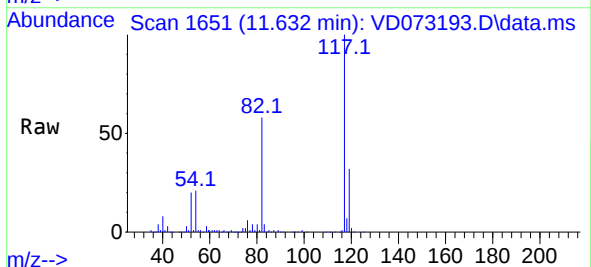
Instrument :
MSVOA_D
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OK-03-051822

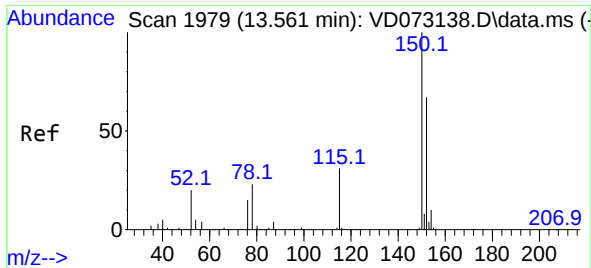
Tgt Ion: 95 Resp: 249796
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073193.D
Acq: 20 May 2022 19:51

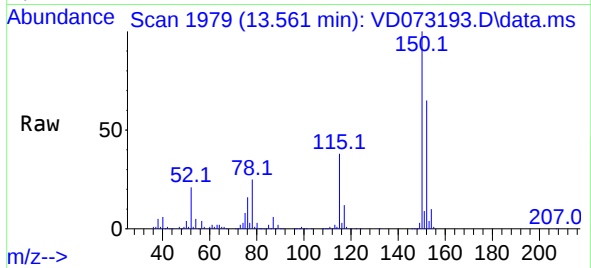
Tgt Ion: 117 Resp: 594076
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073193.D
 Acq: 20 May 2022 19:51

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-051822



Tgt Ion:152 Resp: 243936
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.3 93.8
 150 158.1 0.0 348.6

