

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073323.D
 Acq On : 24 May 2022 14:25
 Operator : VA/SY
 Sample : N2979-01
 Misc : 4.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-7-052022

Quant Time: May 24 16:46:15 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)

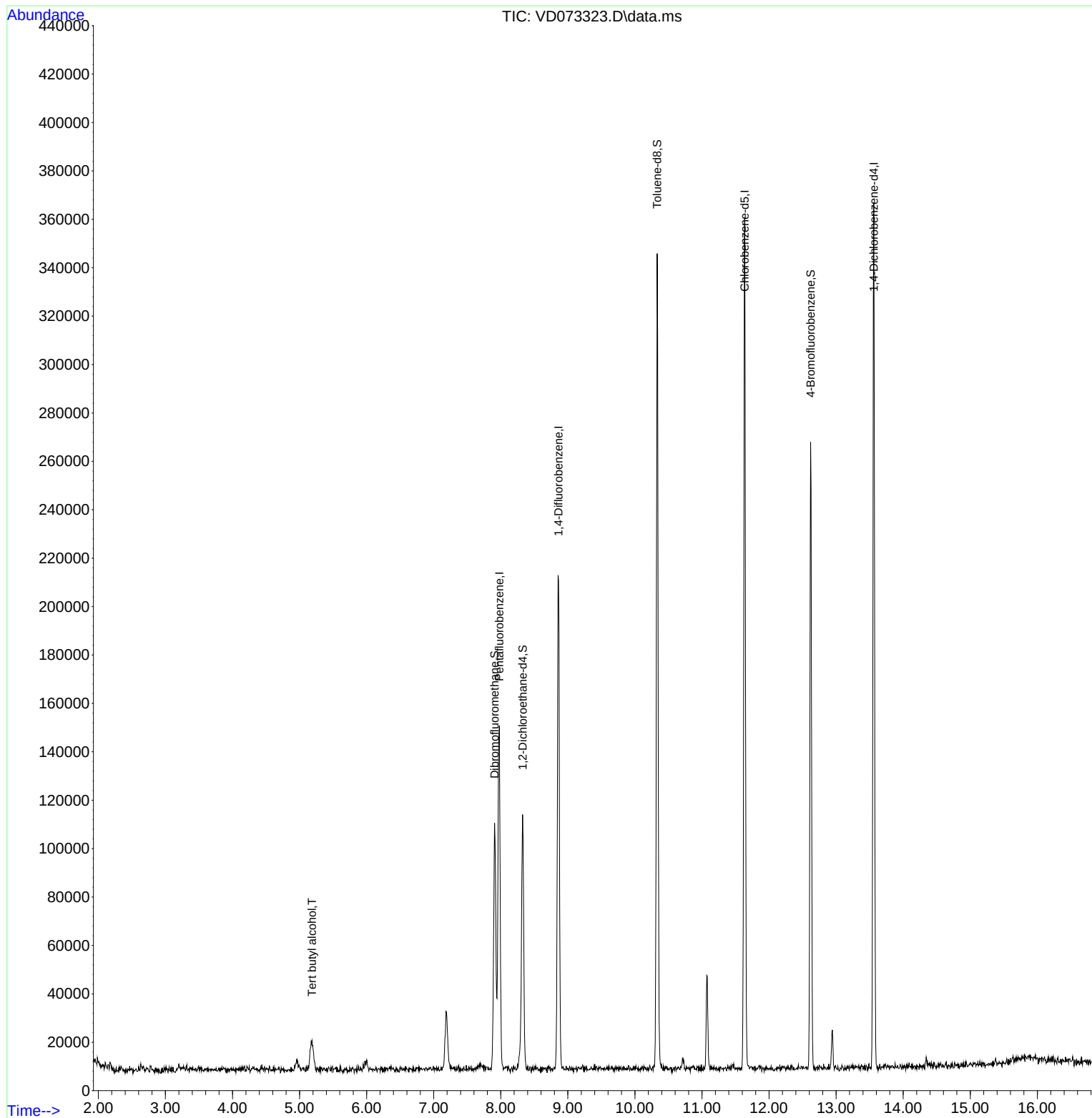
Internal Standards						
1) Pentafluorobenzene	7.979	168	104177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	178977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	202980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	97082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	82832	71.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.900%	
35) Dibromofluoromethane	7.908	113	72171	61.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.220%	
50) Toluene-d8	10.332	98	223123	51.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.620	95	88536	57.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.900%	
Target Compounds						
11) Tert butyl alcohol	5.185	59	11202	62.712	ug/l	Qvalue # 76

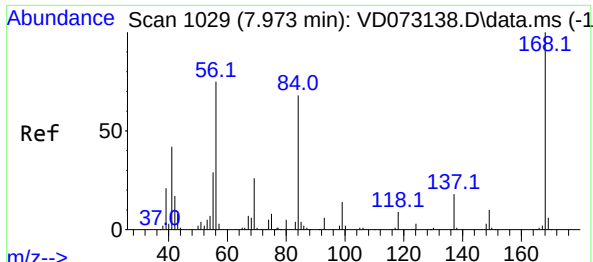
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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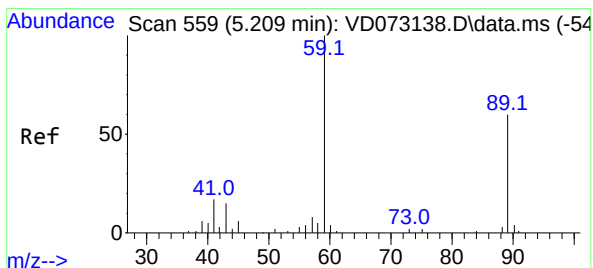
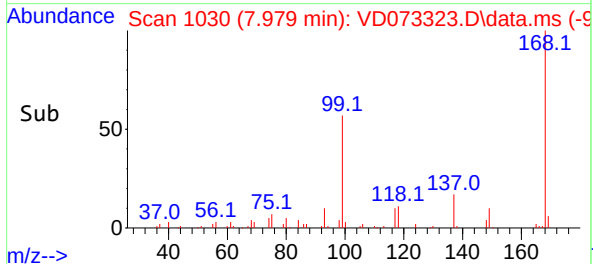
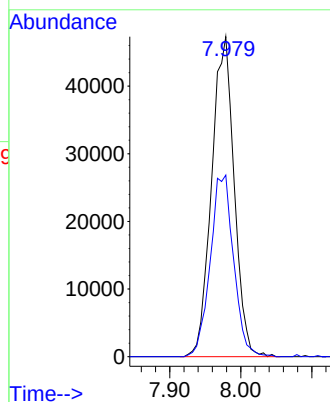
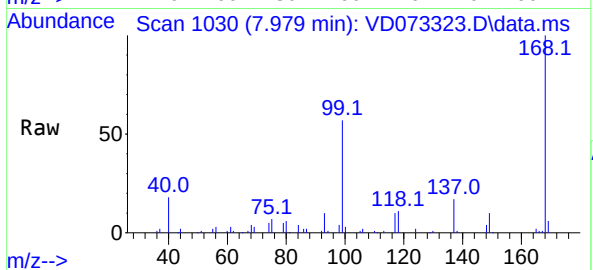




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

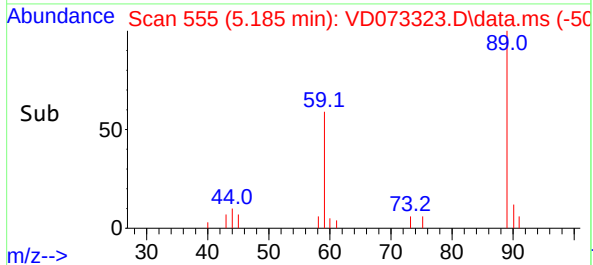
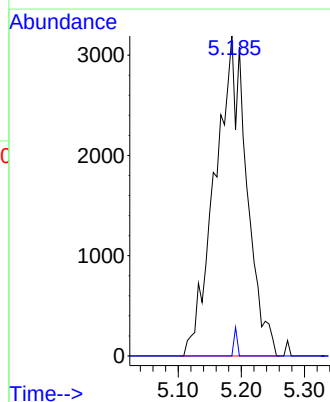
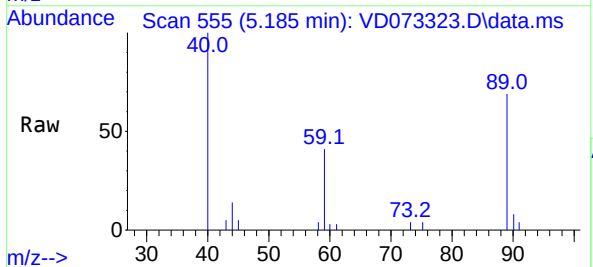
Instrument :
MSVOA_D
ClientSampleId :
NB-7-052022

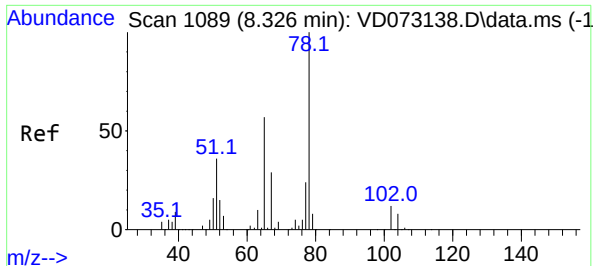
Tgt Ion:168 Resp: 104177
Ion Ratio Lower Upper
168 100
99 56.8 49.8 74.6



#11
Tert butyl alcohol
Concen: 62.712 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

Tgt Ion: 59 Resp: 11202
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 71.946 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073323.D

Acq: 24 May 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

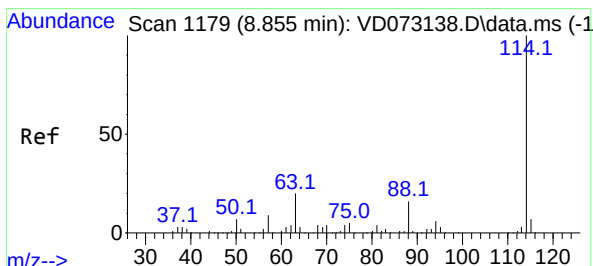
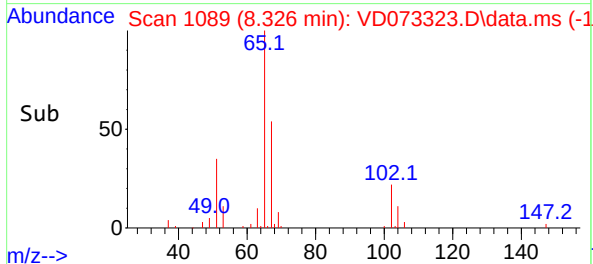
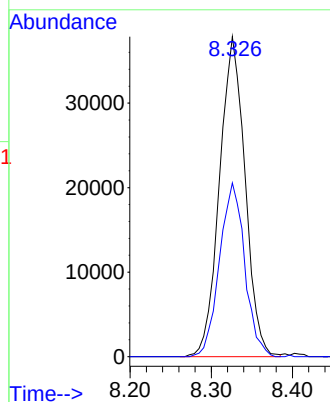
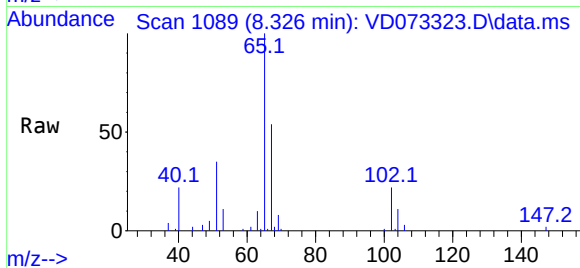
NB-7-052022

Tgt Ion: 65 Resp: 82832

Ion Ratio Lower Upper

65 100

67 53.5 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: VD073323.D

Acq: 24 May 2022 14:25

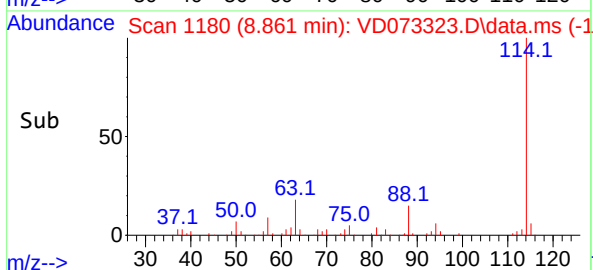
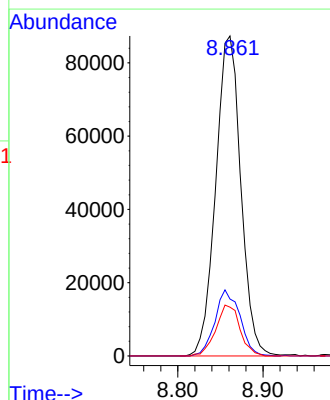
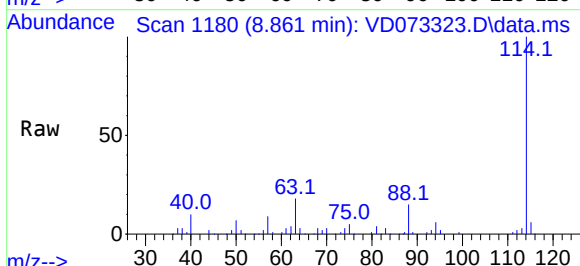
Tgt Ion: 114 Resp: 178977

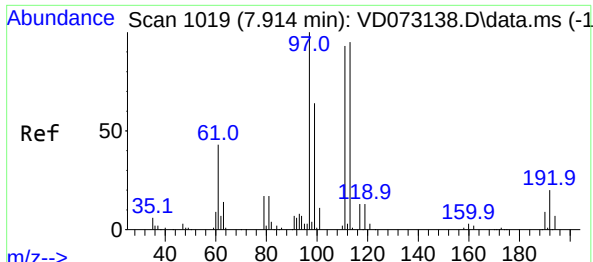
Ion Ratio Lower Upper

114 100

63 17.8 0.0 46.6

88 15.2 0.0 33.2

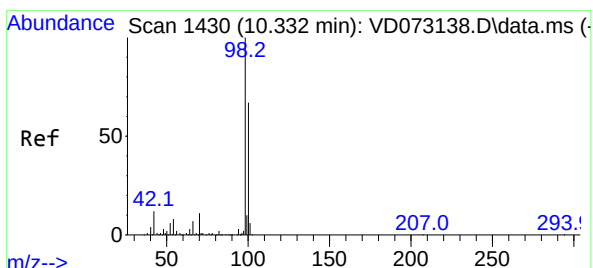
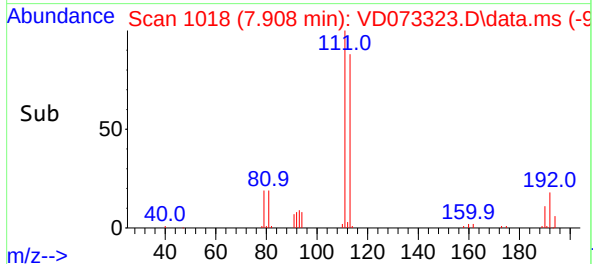
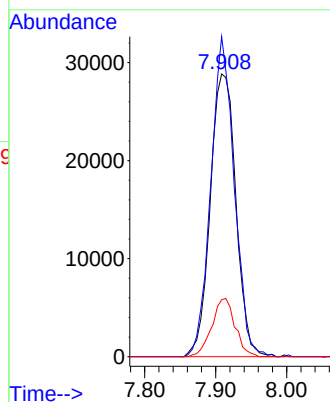
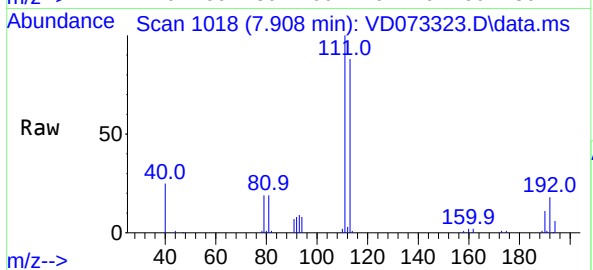




#35
Dibromofluoromethane
Concen: 61.110 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

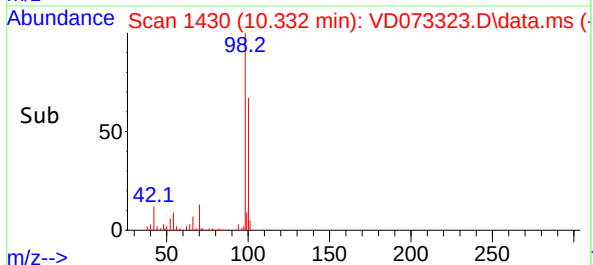
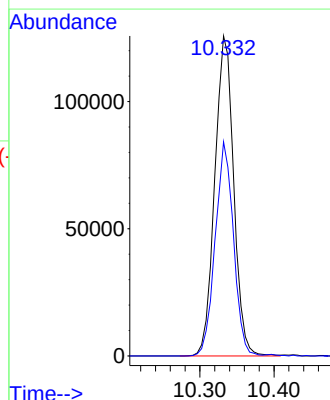
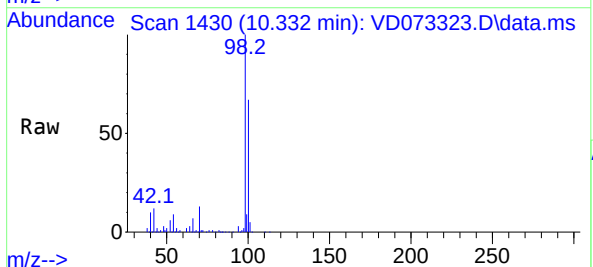
Instrument :
MSVOA_D
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NB-7-052022

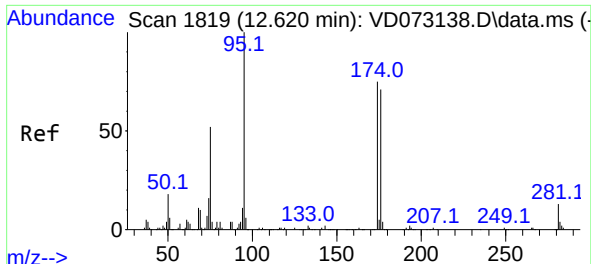
Tgt Ion:113 Resp: 72171
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 51.252 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

Tgt Ion: 98 Resp: 223123
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6

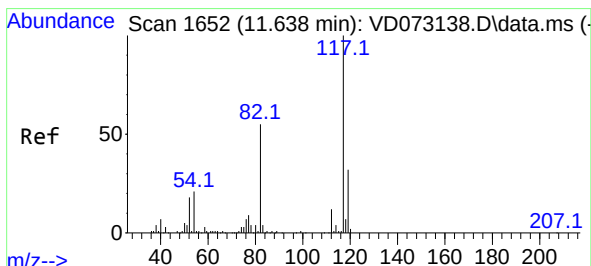
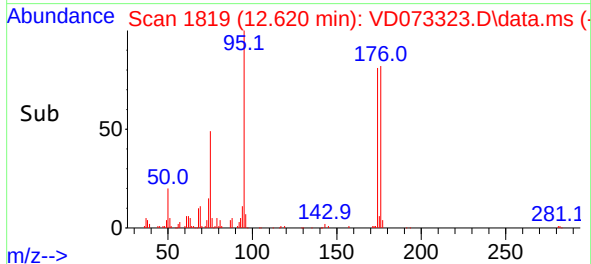
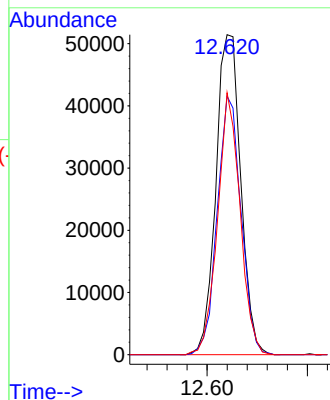
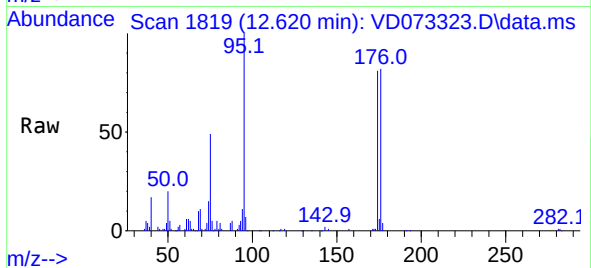




#62
4-Bromofluorobenzene
Concen: 57.949 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

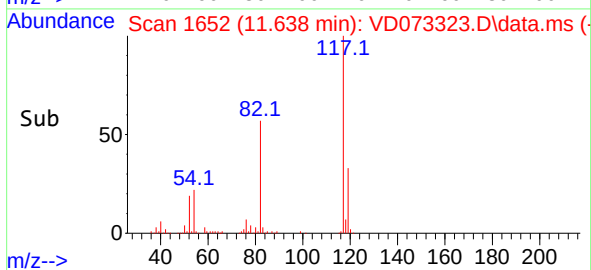
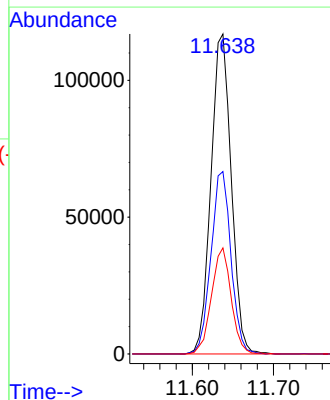
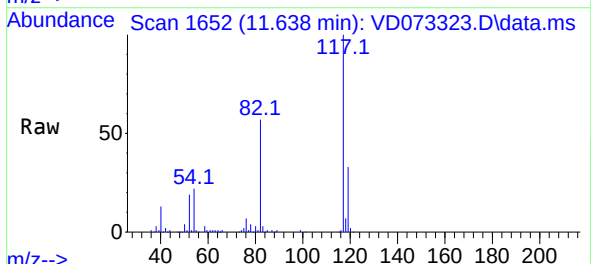
Instrument :
MSVOA_D
ClientSampleId :
NB-7-052022

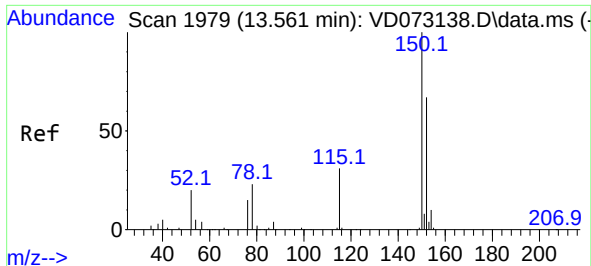
Tgt Ion:	95	Resp:	88536
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	152.8
176	73.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073323.D
Acq: 24 May 2022 14:25

Tgt Ion:	117	Resp:	202980
Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.3	67.9
119	33.2	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: VD073323.D

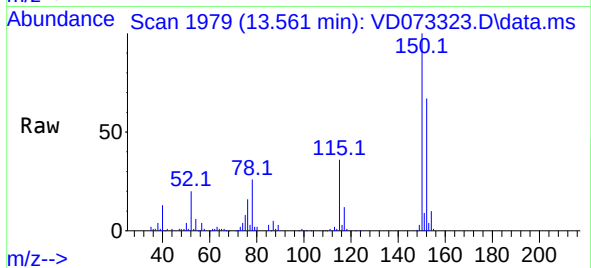
Acq: 24 May 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

NB-7-052022



Tgt Ion:152 Resp: 97082

Ion Ratio Lower Upper

152 100

115 58.2 31.3 93.8

150 155.3 0.0 348.6

