

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073178.D
 Acq On : 20 May 2022 11:32
 Operator : VA/SY
 Sample : N2842-19
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

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

Quant Time: May 20 13:09:25 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)

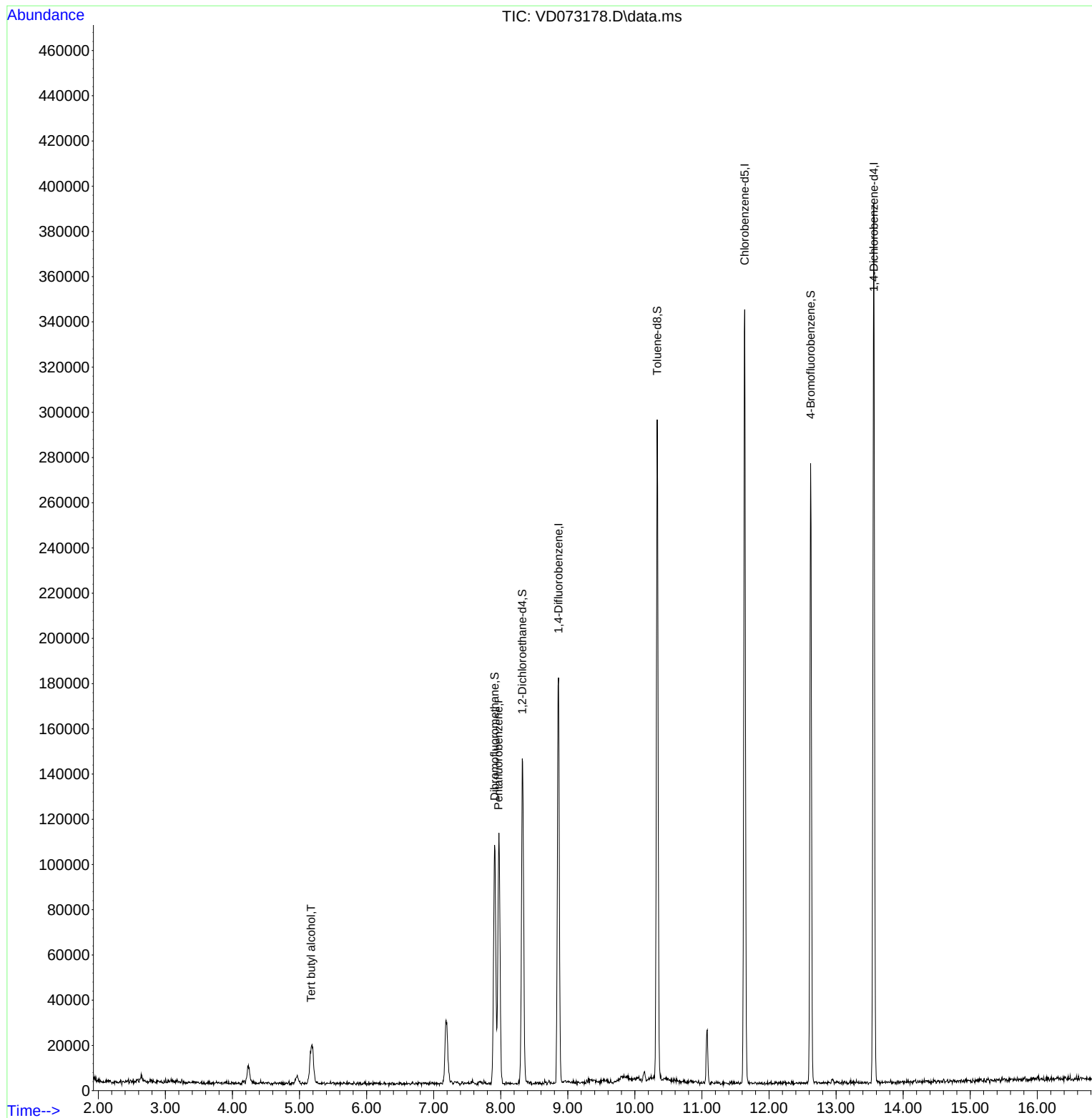
Internal Standards						
1) Pentafluorobenzene	7.967	168	77949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	150039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	196461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	99253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	113360	131.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 263.180%#	
35) Dibromofluoromethane	7.909	113	75581	76.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 152.680%#	
50) Toluene-d8	10.332	98	195283	53.508	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.020%	
62) 4-Bromofluorobenzene	12.620	95	92768	72.430	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 144.860%#	
Target Compounds						
11) Tert butyl alcohol	5.173	59	16783	125.571	ug/l	Qvalue # 74

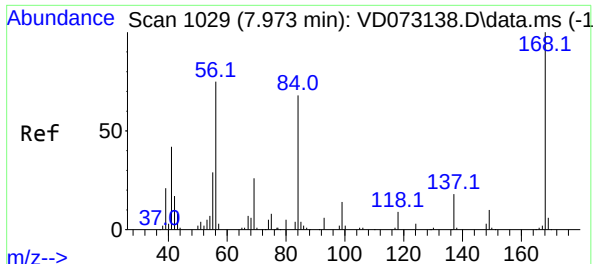
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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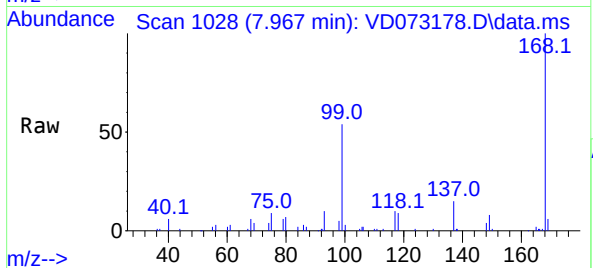
Quant Time: May 20 13:09:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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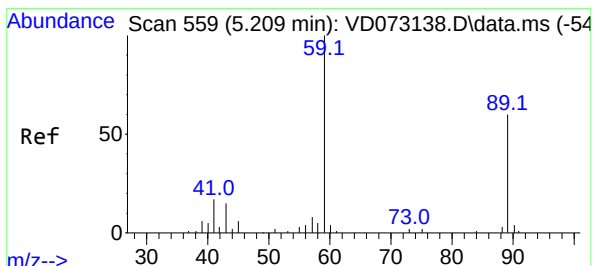
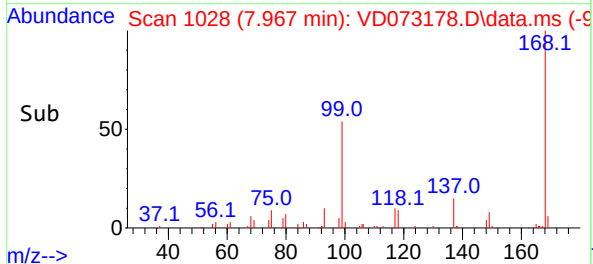
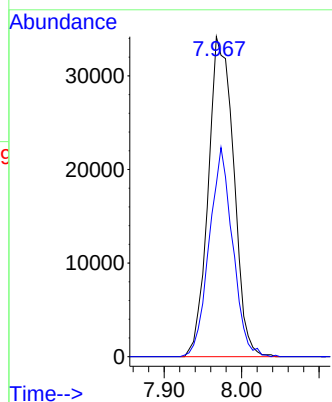


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

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

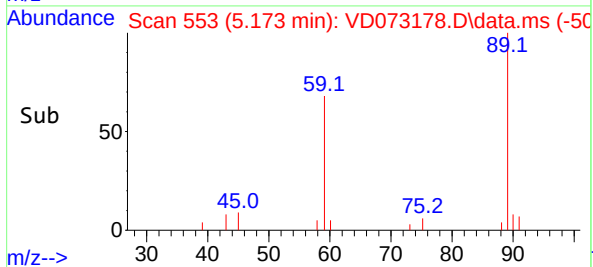
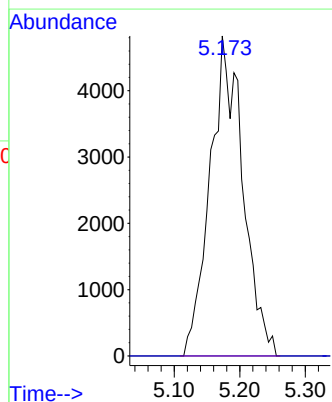
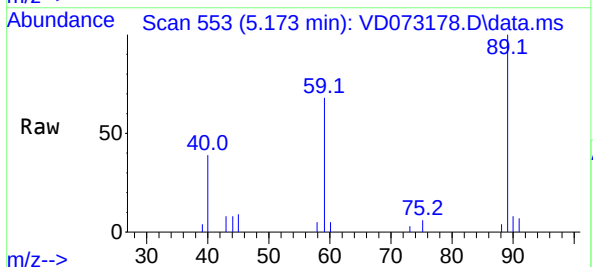


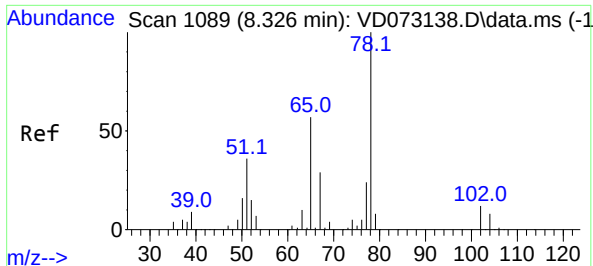
Tgt Ion:168 Resp: 77949
Ion Ratio Lower Upper
168 100
99 54.0 49.8 74.6



#11
Tert butyl alcohol
Concen: 125.571 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.036 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

Tgt Ion: 59 Resp: 16783
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#33

1,2-Dichloroethane-d4

Concen: 131.593 ug/l

RT: 8.320 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD073178.D

Acq: 20 May 2022 11:32

Instrument :

MSVOA_D

ClientSampleId :

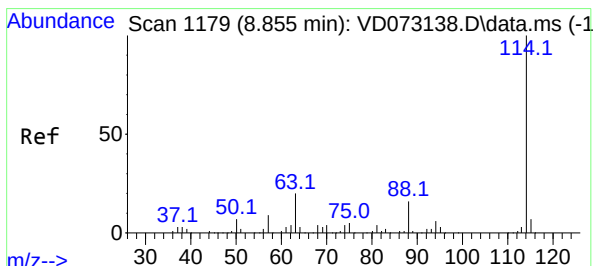
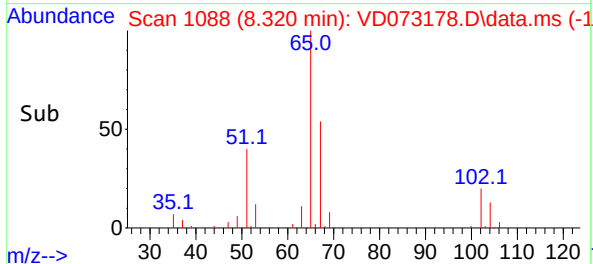
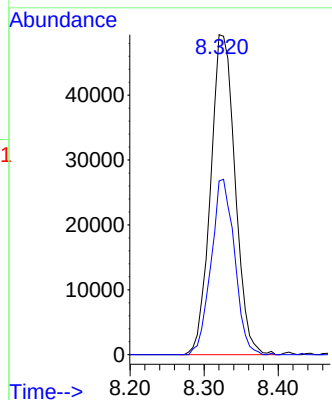
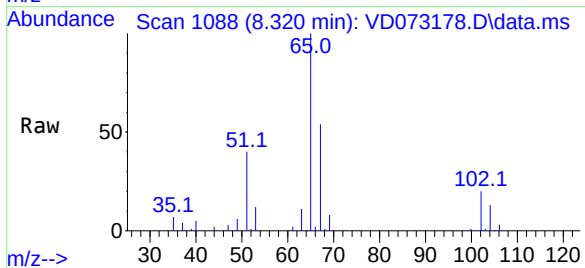
P023-SS003-0006-01

Tgt Ion: 65 Resp: 113360

Ion Ratio Lower Upper

65 100

67 52.3 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: VD073178.D

Acq: 20 May 2022 11:32

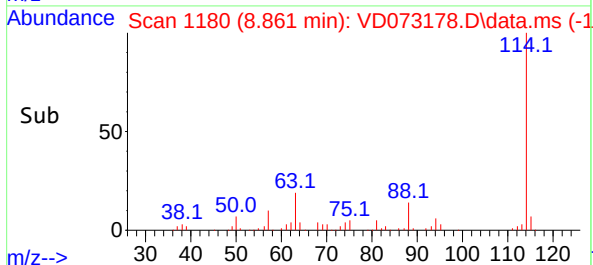
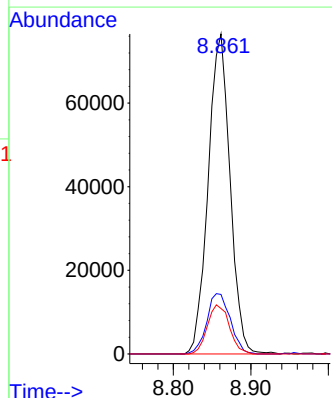
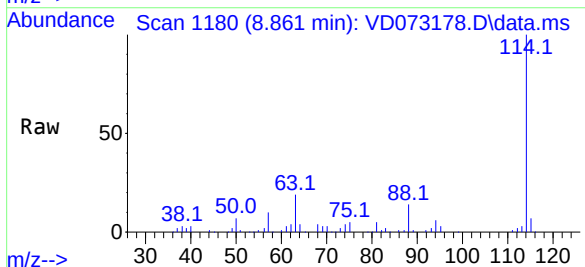
Tgt Ion: 114 Resp: 150039

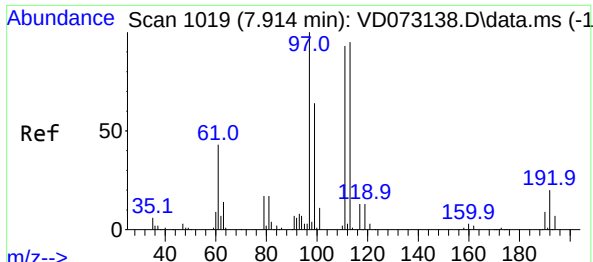
Ion Ratio Lower Upper

114 100

63 18.6 0.0 46.6

88 14.2 0.0 33.2

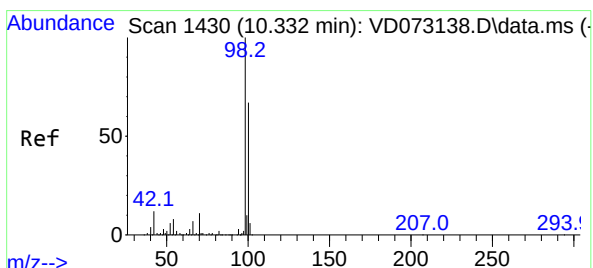
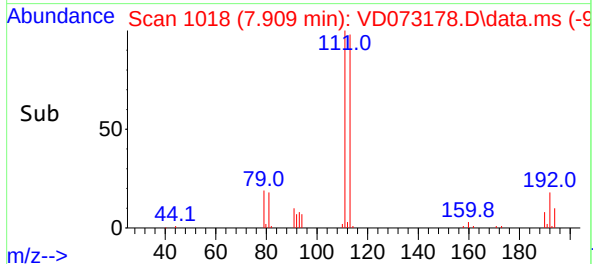
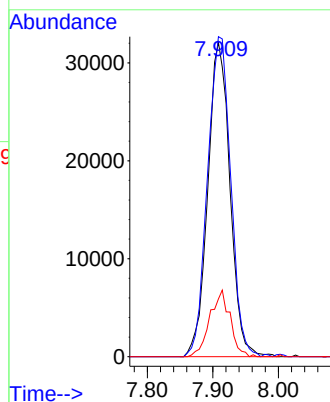
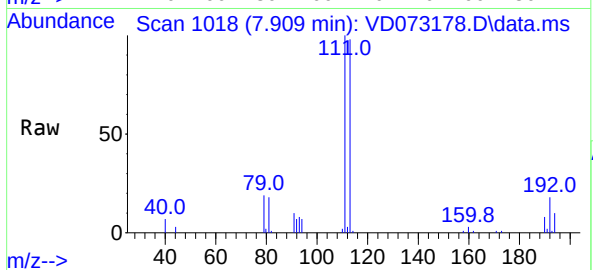




#35
Dibromofluoromethane
Concen: 76.340 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

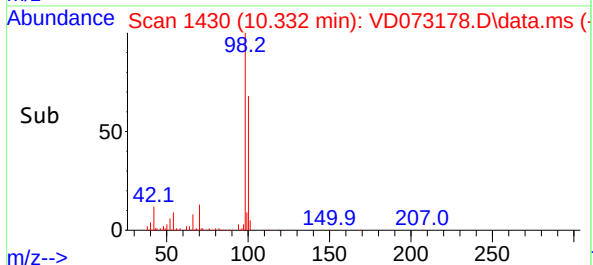
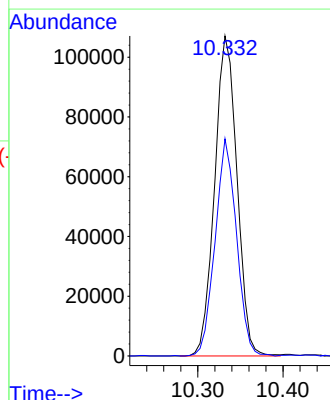
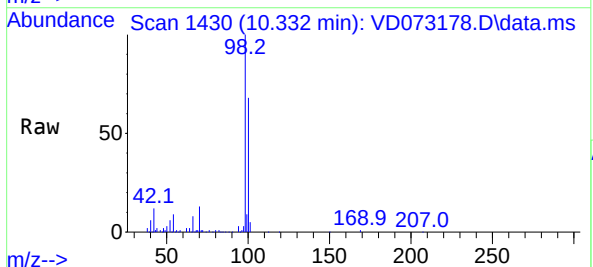
Instrument :
MSVOA_D
ClientSampleId :
P023-SS003-0006-01

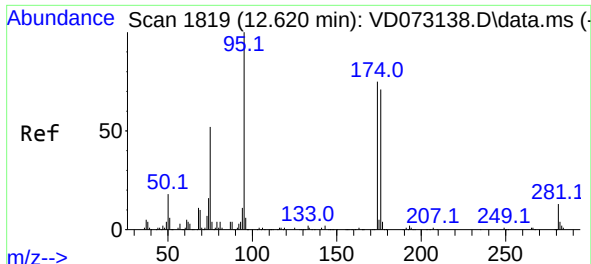
Tgt Ion:113 Resp: 75581
Ion Ratio Lower Upper
113 100
111 105.8 83.8 125.6
192 19.4 14.6 21.8



#50
Toluene-d8
Concen: 53.508 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

Tgt Ion: 98 Resp: 195283
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

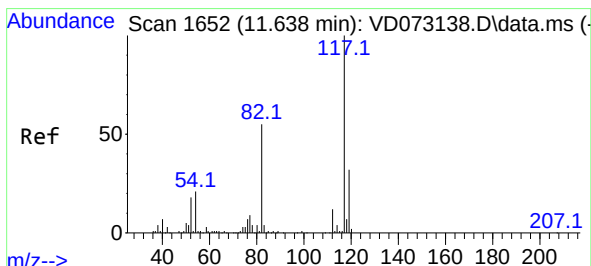
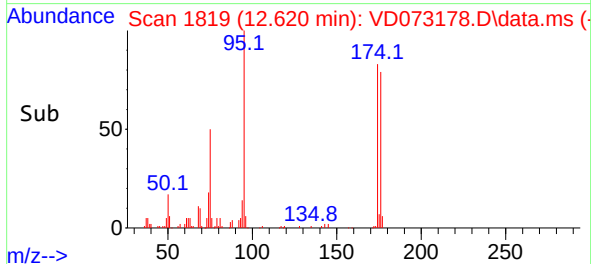
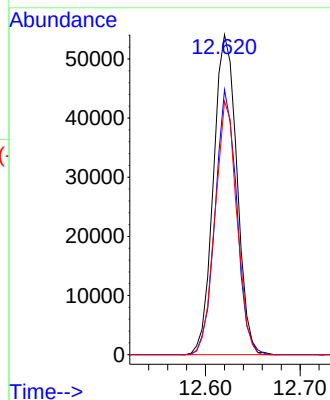
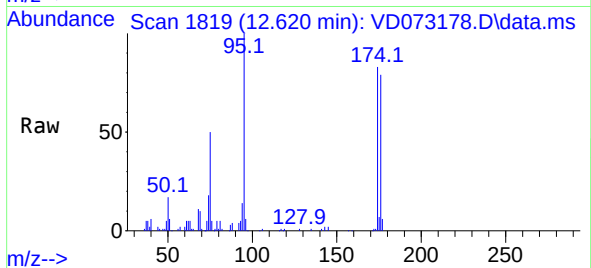




#62
4-Bromofluorobenzene
Concen: 72.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

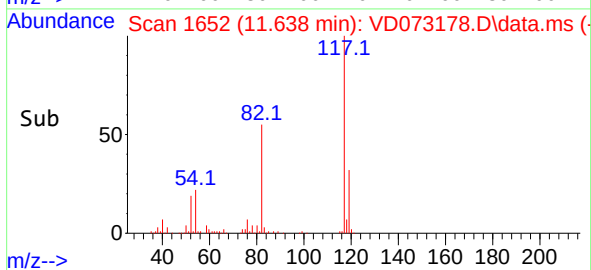
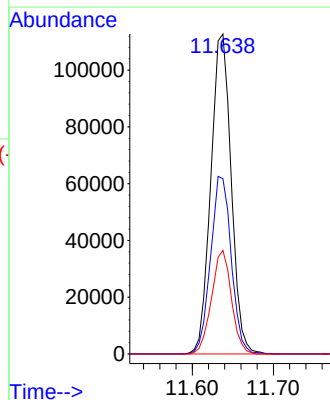
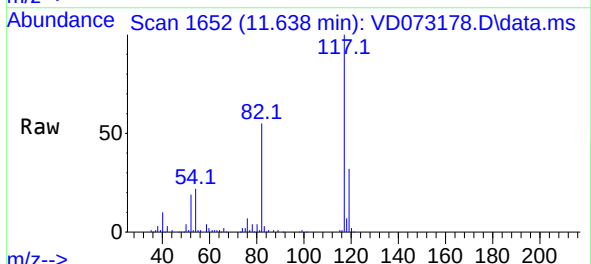
Instrument :
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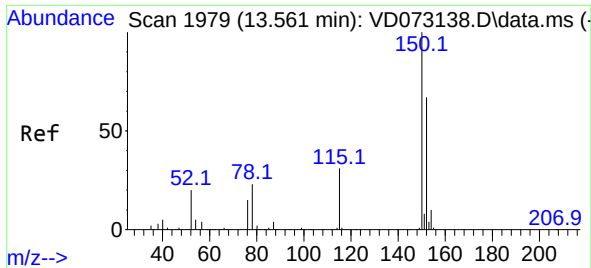
Tgt Ion:	95	Resp:	92768
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.8
176	74.2	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073178.D
Acq: 20 May 2022 11:32

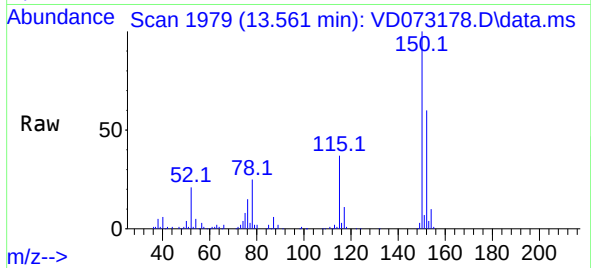
Tgt Ion:	117	Resp:	196461
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.3	67.9
119	32.3	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073178.D
 Acq: 20 May 2022 11:32

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



Tgt Ion:	152	Resp:	99253
Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	158.1	0.0	348.6

