

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042222\
 Data File : VD072692.D
 Acq On : 22 Apr 2022 14:17
 Operator : VA/SY
 Sample : N2525-03
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-02-042122

Quant Time: Apr 22 23:45:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

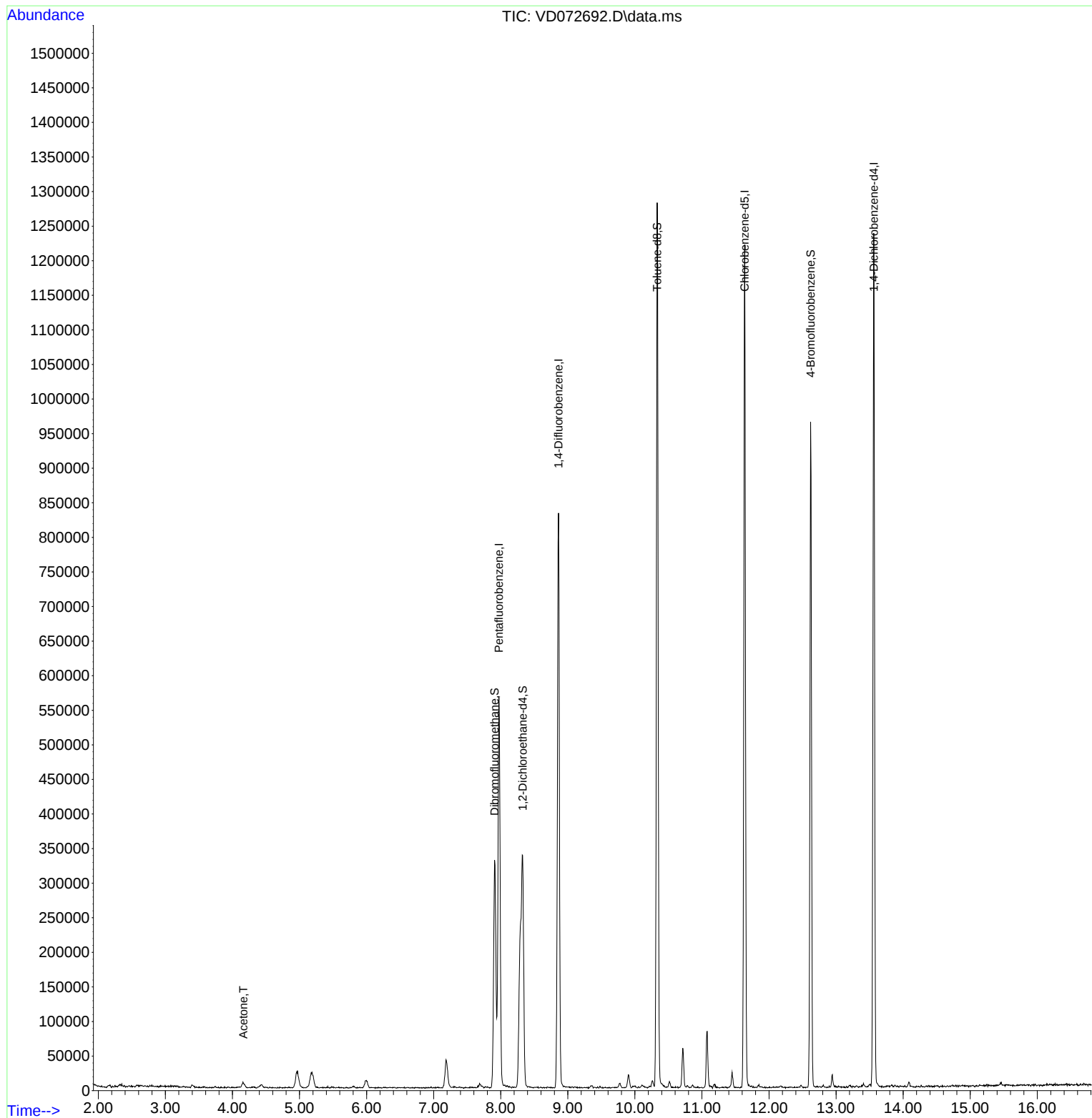
Internal Standards						
1) Pentafluorobenzene	7.973	168	403242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	731706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	709932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	328259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	253823	52.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.060%			
35) Dibromofluoromethane	7.909	113	238271	41.902	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.800%			
50) Toluene-d8	10.332	98	876490	44.343	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.680%			
62) 4-Bromofluorobenzene	12.620	95	311629	40.369	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.740%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	13107	14.410	ug/l	96

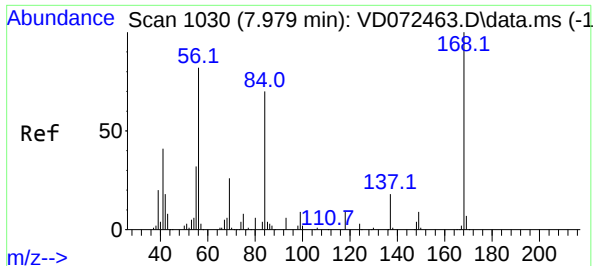
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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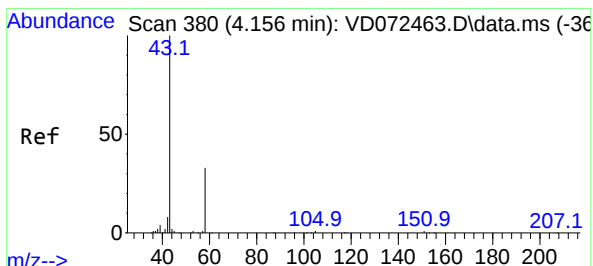
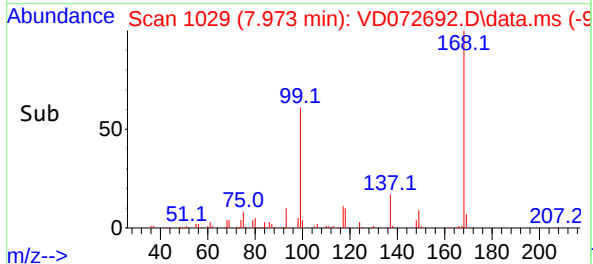
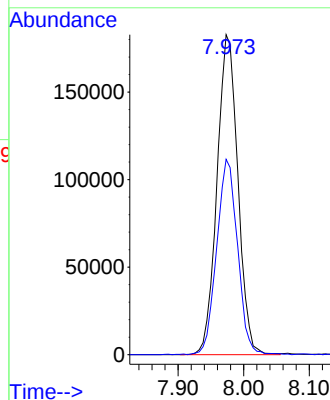
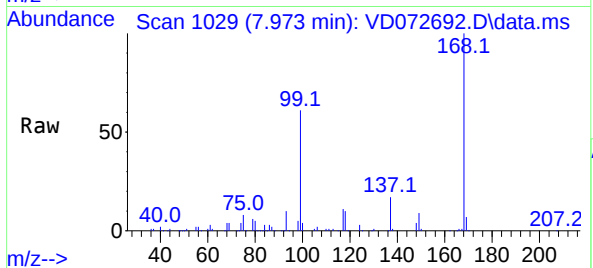




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

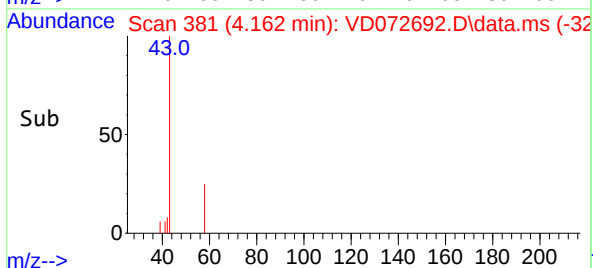
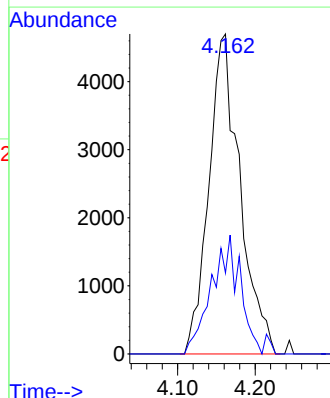
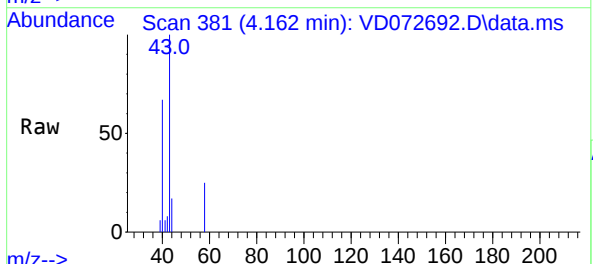
Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

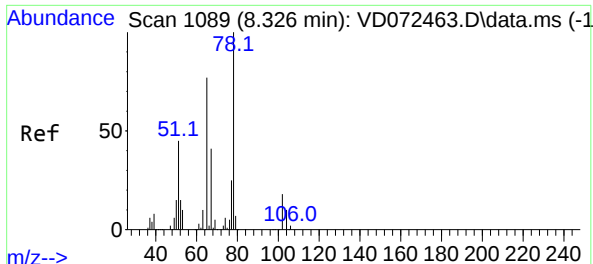
Tgt Ion:168 Resp: 403242
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#16
Acetone
Concen: 14.410 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

Tgt Ion: 43 Resp: 13107
Ion Ratio Lower Upper
43 100
58 25.3 22.1 33.1

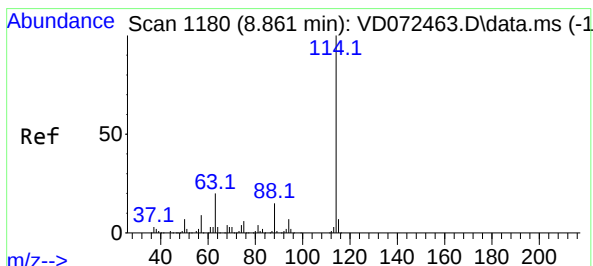
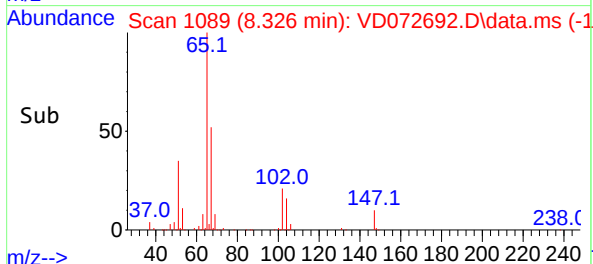
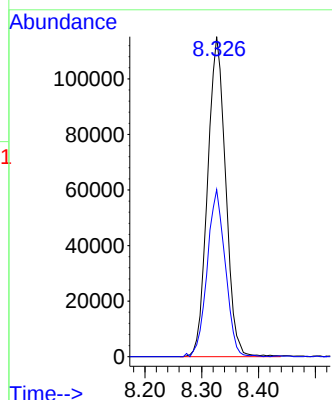
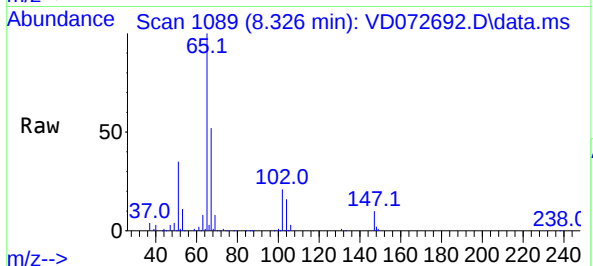




#33
1,2-Dichloroethane-d4
Concen: 52.034 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

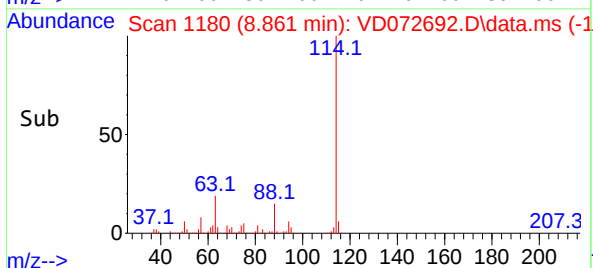
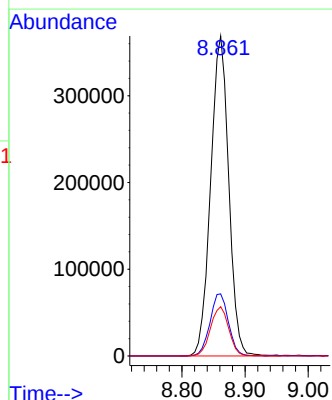
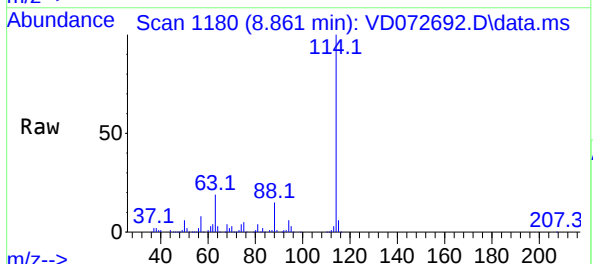
Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

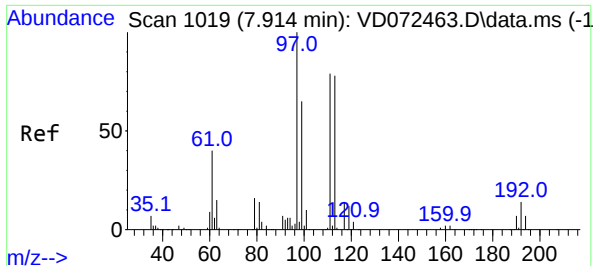
Tgt Ion: 65 Resp: 253823
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

Tgt Ion:114 Resp: 731706
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 15.4 0.0 33.2

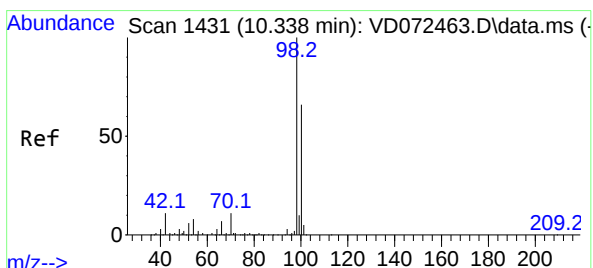
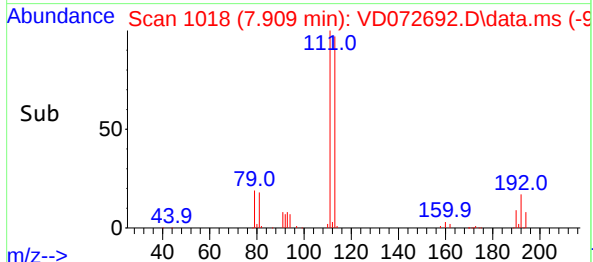
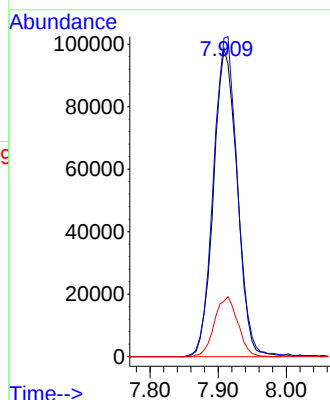
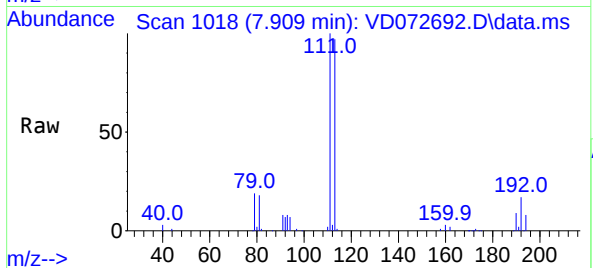




#35
Dibromofluoromethane
Concen: 41.902 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

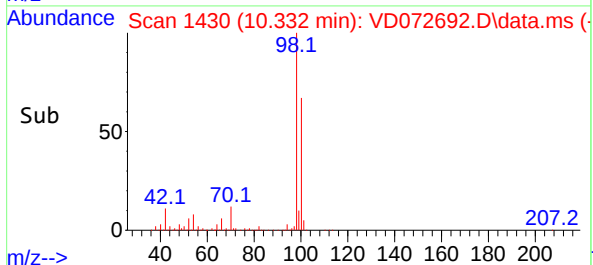
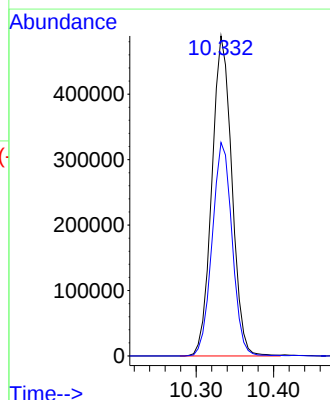
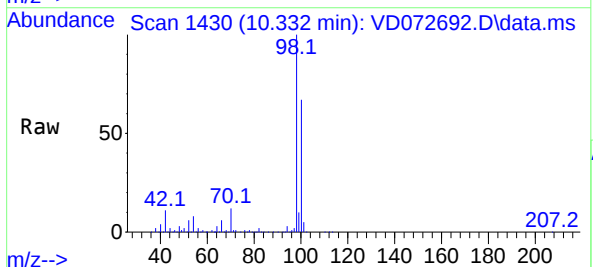
Instrument :
MSVOA_D
ClientSampleId :
HR-02-042122

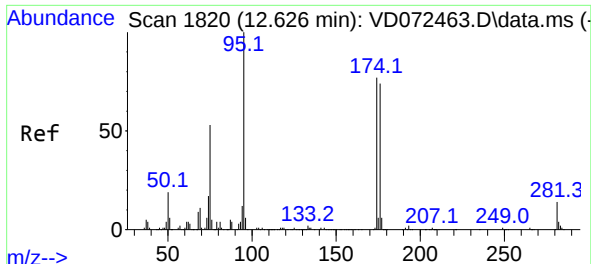
Tgt Ion:113 Resp: 238271
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.6
192 19.2 14.6 21.8



#50
Toluene-d8
Concen: 44.343 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

Tgt Ion: 98 Resp: 876490
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

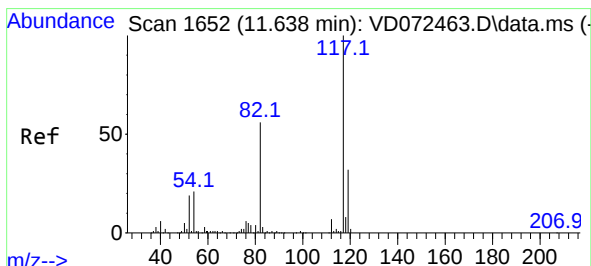
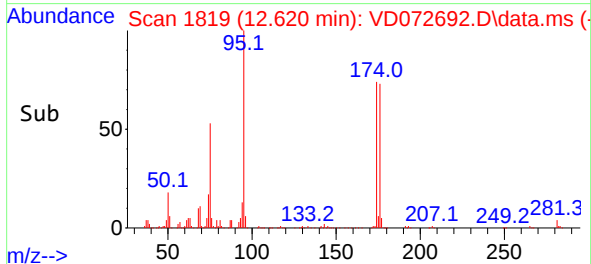
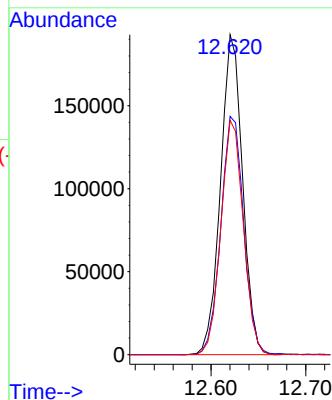
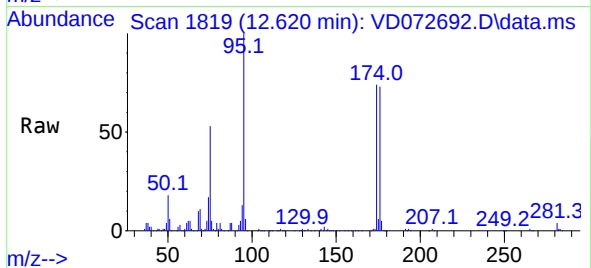




#62
4-Bromofluorobenzene
Concen: 40.369 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

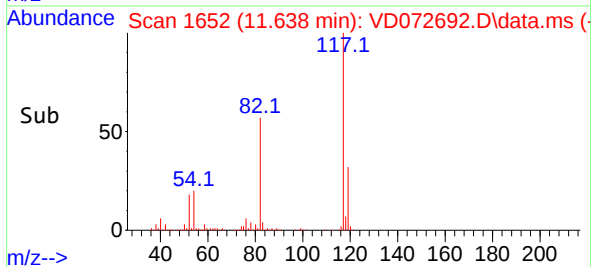
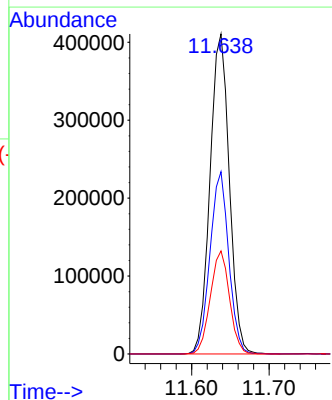
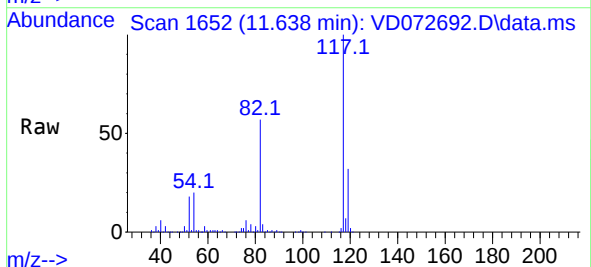
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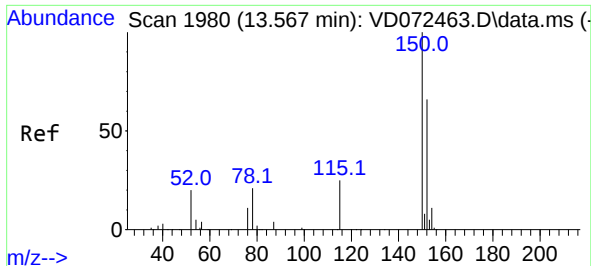
Tgt Ion: 95 Resp: 311629
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072692.D
Acq: 22 Apr 2022 14:17

Tgt Ion: 117 Resp: 709932
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 32.2 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 19

Delta R.T. -0.006 min

Lab File: VD072692.D

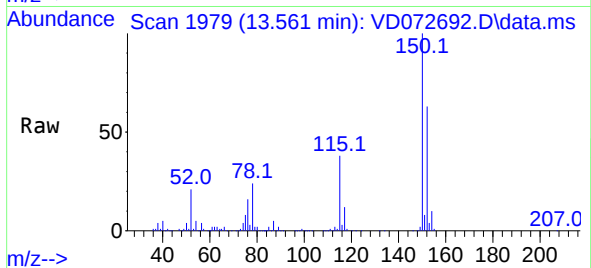
Acq: 22 Apr 2022 14:17

Instrument :

MSVOA_D

ClientSampleId :

HR-02-042122



Tgt Ion:152 Resp: 328259

Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.8

150 158.1 0.0 348.6

