

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072604.D
 Acq On : 18 Apr 2022 18:19
 Operator : VA/SY
 Sample : N2444-06
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Apr 19 02:52:16 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)

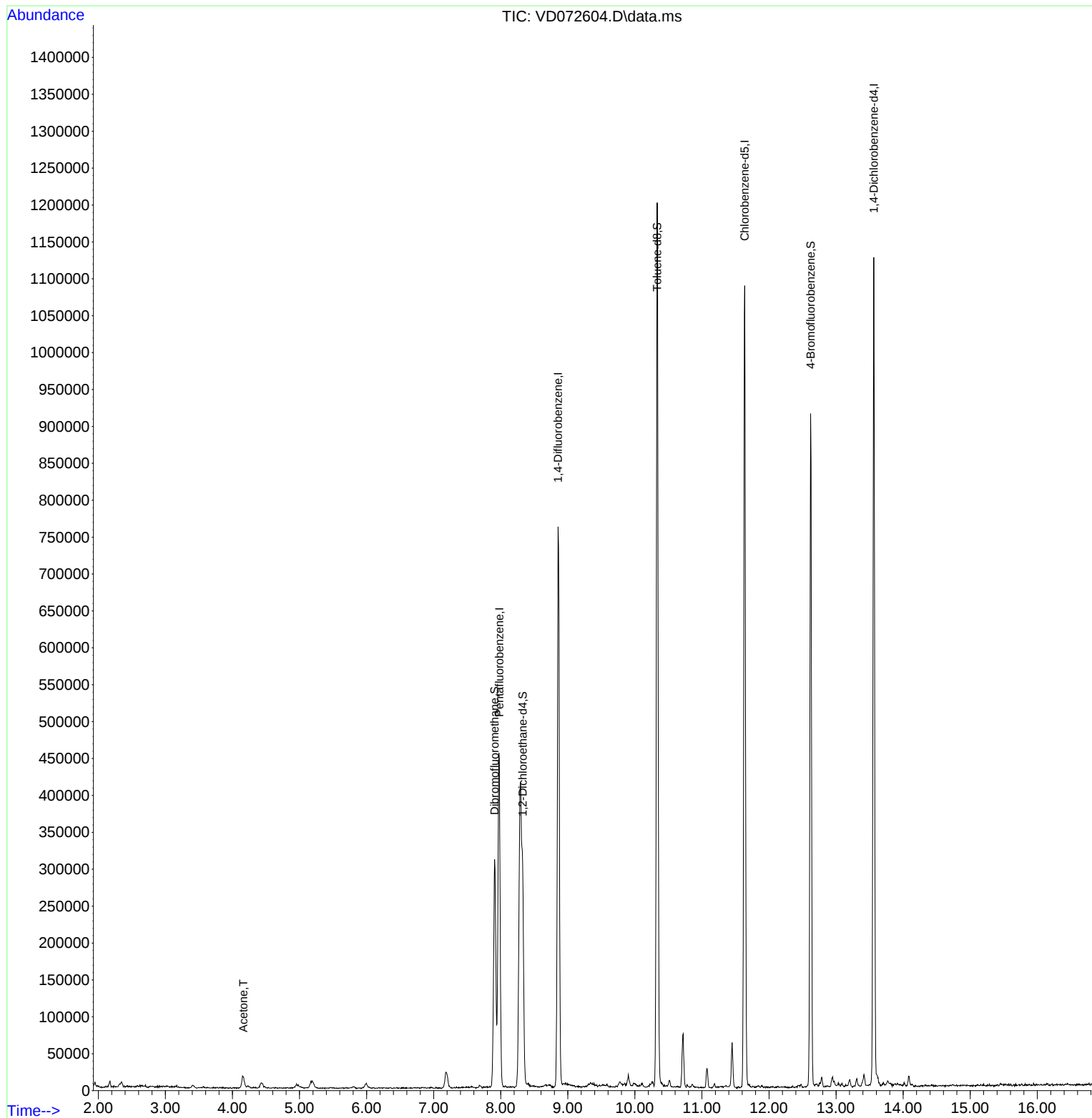
Internal Standards						
1) Pentafluorobenzene	7.979	168	336061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	675569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	654834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207707	51.093	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.180%	
35) Dibromofluoromethane	7.909	113	218881	41.691	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	83.380%	
50) Toluene-d8	10.332	98	800777	43.879	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	87.760%	
62) 4-Bromofluorobenzene	12.620	95	284157	39.869	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	79.740%	
Target Compounds						
16) Acetone	4.162	43	27687	36.524	ug/l	Qvalue 94

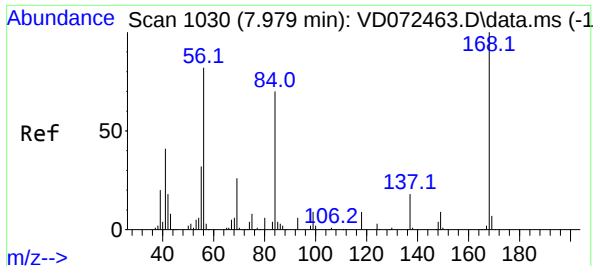
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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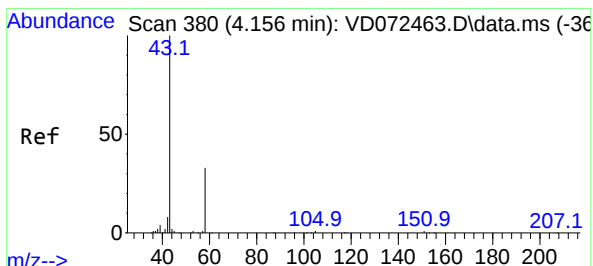
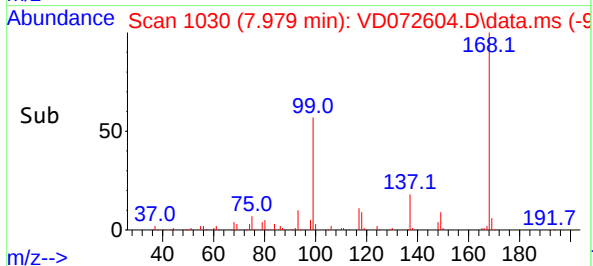
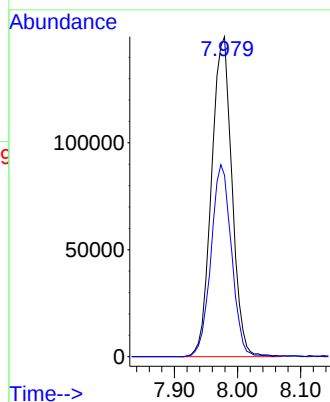
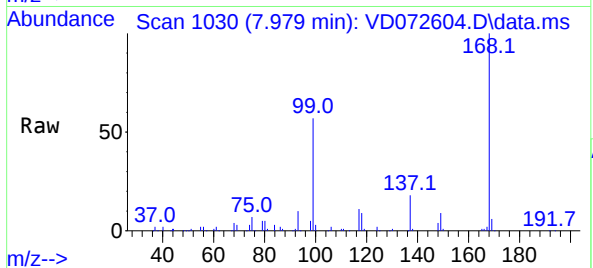




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

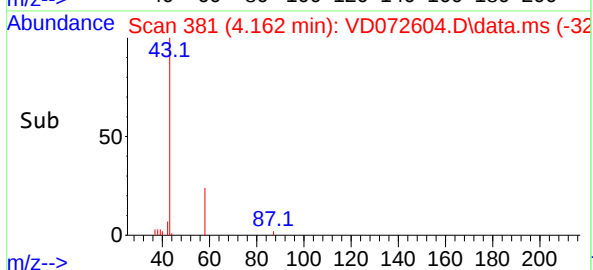
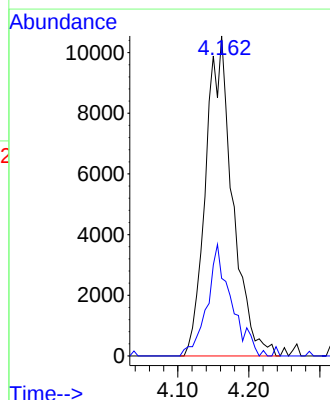
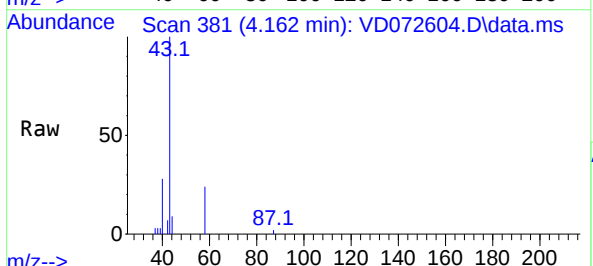
Instrument :
MSVOA_D
ClientSampleId :
SB-5

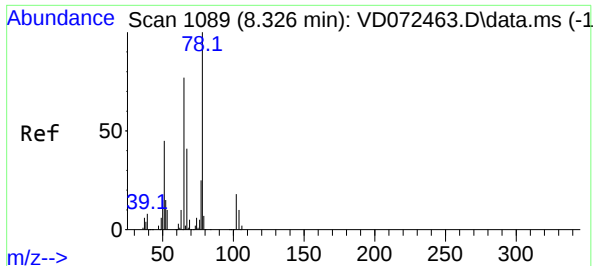
Tgt Ion:168 Resp: 336061
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#16
Acetone
Concen: 36.524 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

Tgt Ion: 43 Resp: 27687
Ion Ratio Lower Upper
43 100
58 24.3 22.1 33.1

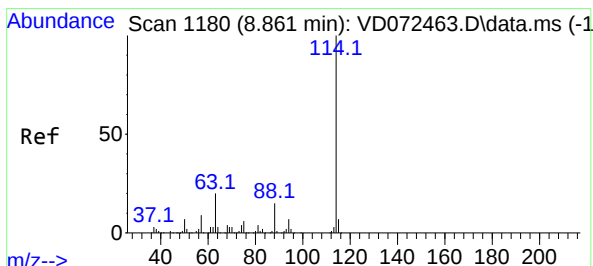
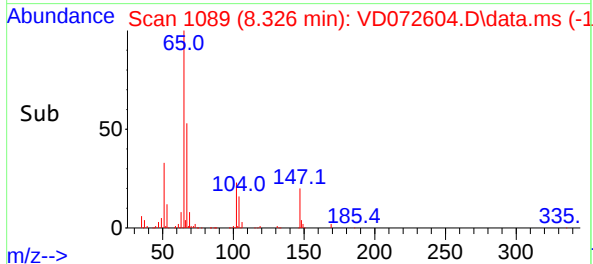
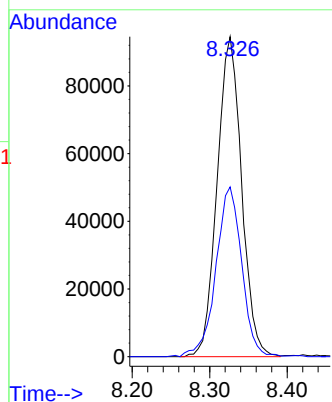
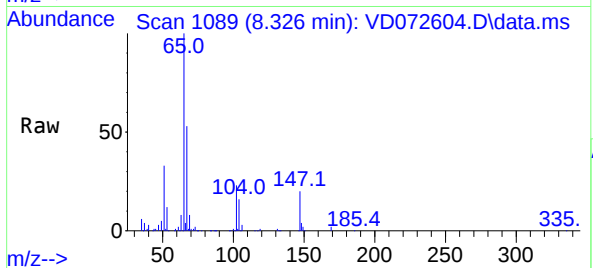




#33
1,2-Dichloroethane-d4
Concen: 51.093 ug/l
RT: 8.326 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

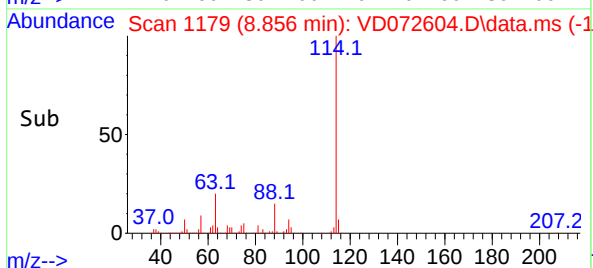
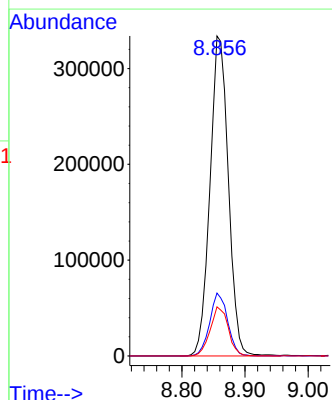
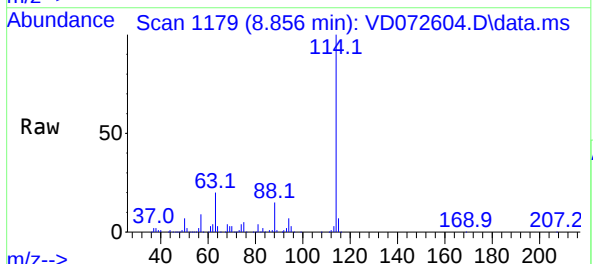
Instrument :
MSVOA_D
ClientSampleId :
SB-5

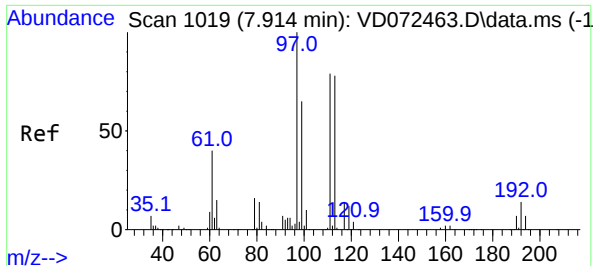
Tgt Ion: 65 Resp: 207707
Ion Ratio Lower Upper
65 100
67 55.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

Tgt Ion:114 Resp: 675569
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.4 0.0 33.2

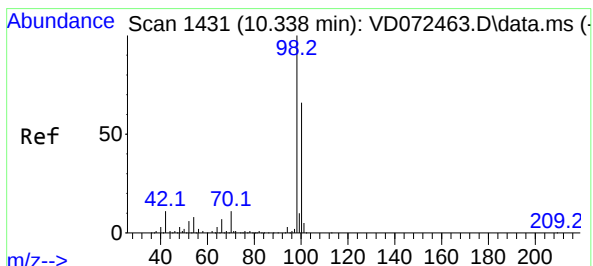
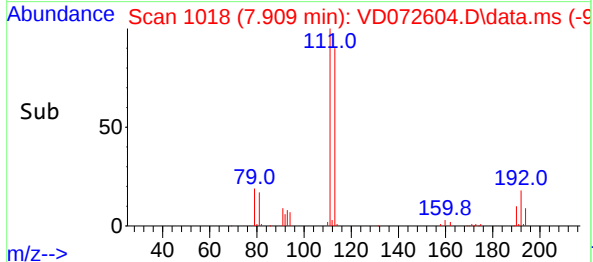
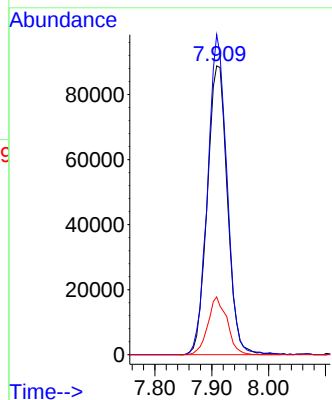
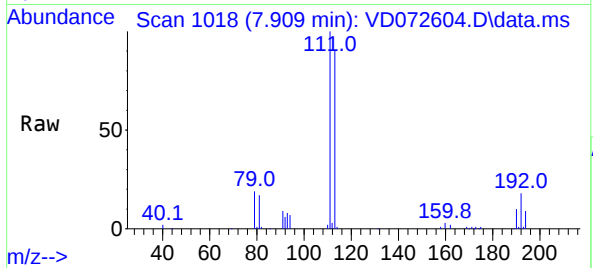




#35
Dibromofluoromethane
Concen: 41.691 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

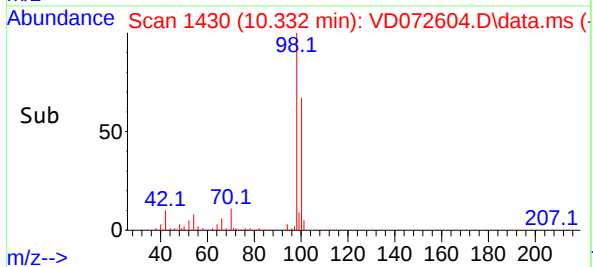
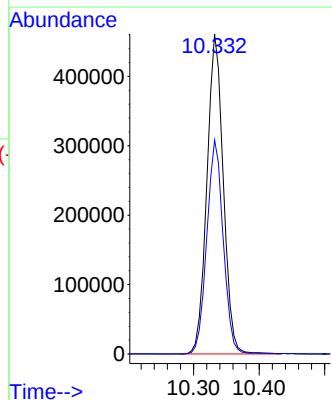
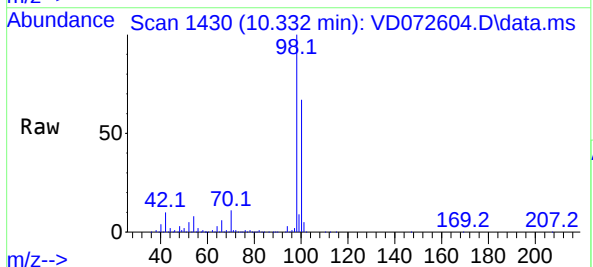
Instrument :
MSVOA_D
ClientSampleId :
SB-5

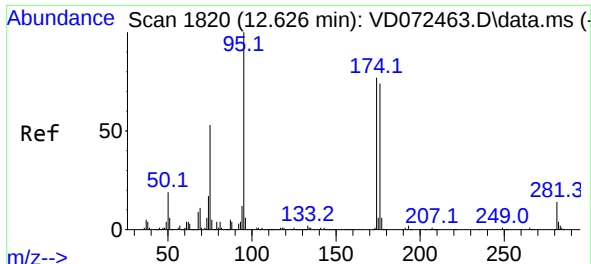
Tgt Ion:113 Resp: 218881
Ion Ratio Lower Upper
113 100
111 105.7 83.8 125.6
192 19.0 14.6 21.8



#50
Toluene-d8
Concen: 43.879 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

Tgt Ion: 98 Resp: 800777
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

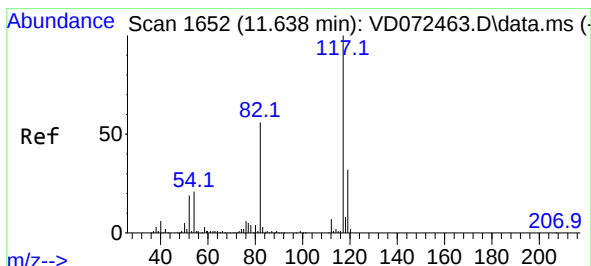
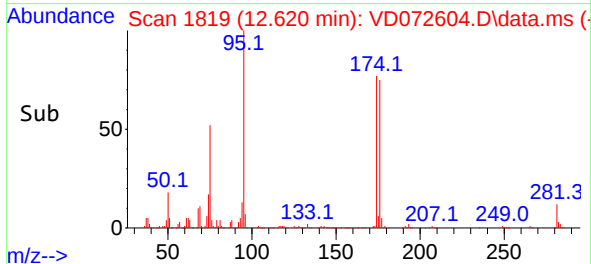
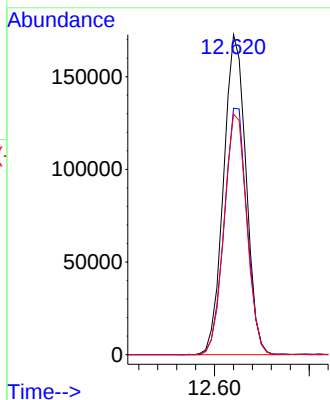
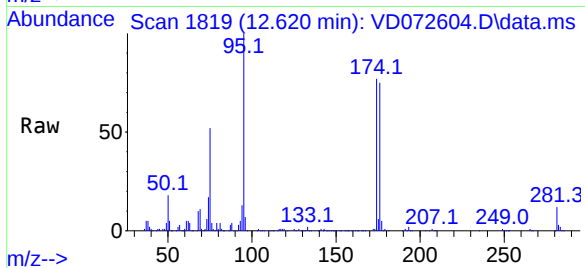




#62
4-Bromofluorobenzene
Concen: 39.869 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

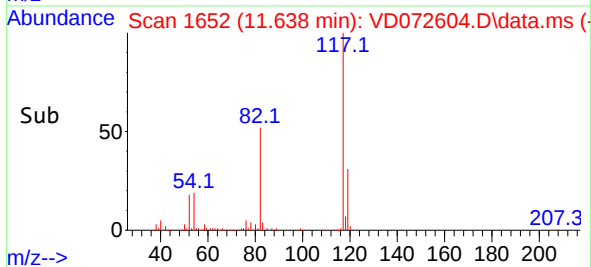
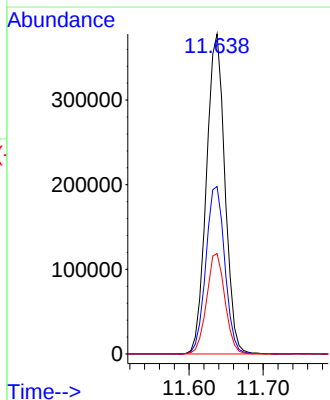
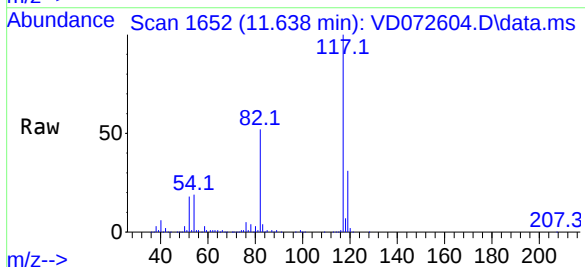
Instrument :
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ClientSampleId :
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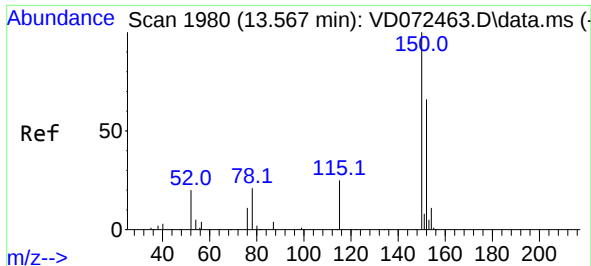
Tgt Ion: 95 Resp: 284157
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 76.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072604.D
Acq: 18 Apr 2022 18:19

Tgt Ion: 117 Resp: 654834
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 31.4 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: VD072604.D

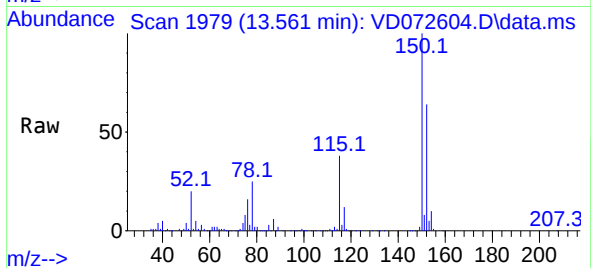
Acq: 18 Apr 2022 18:19

Instrument :

MSVOA_D

ClientSampleId :

SB-5



Tgt Ion:152 Resp: 296298

Ion Ratio Lower Upper

152 100

115 61.4 31.3 93.8

150 159.4 0.0 348.6

