

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068930.D
 Acq On : 21 Apr 2021 16:45
 Operator : VA/SY
 Sample : M2106-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-24-14.5-15.0

Quant Time: Apr 22 10:22:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

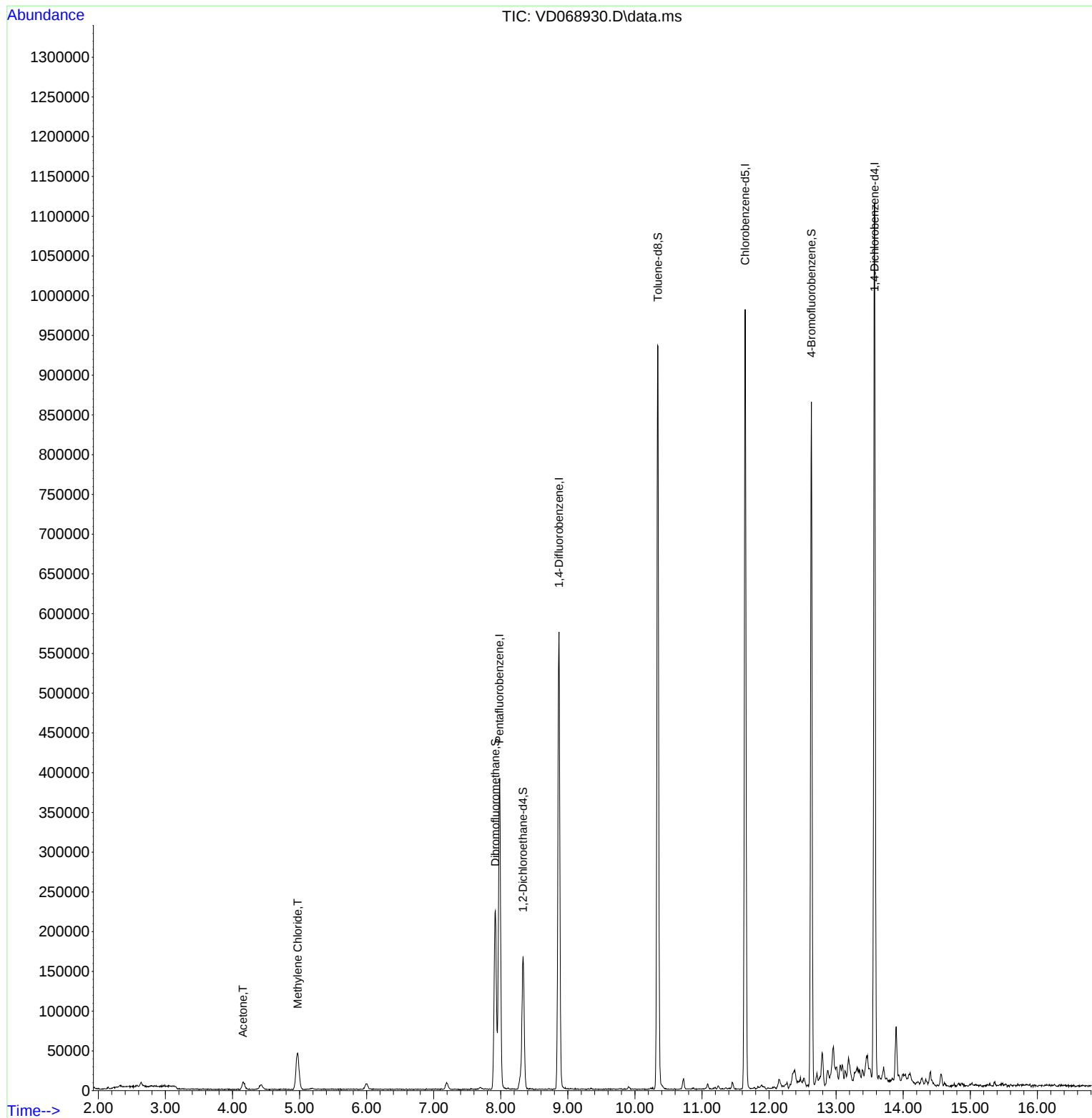
Internal Standards						
1) Pentafluorobenzene	7.979	168	304276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	529297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	600138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	308624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132424	41.18	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.36%			
35) Dibromofluoromethane	7.920	113	163813	47.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.16%			
50) Toluene-d8	10.343	98	674070	51.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.80%			
62) 4-Bromofluorobenzene	12.632	95	272249	63.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 126.24%			
Target Compounds					Qvalue	
16) Acetone	4.155	43	16318	36.64	ug/l	98
20) Methylene Chloride	4.973	84	40892	7.22	ug/l	96

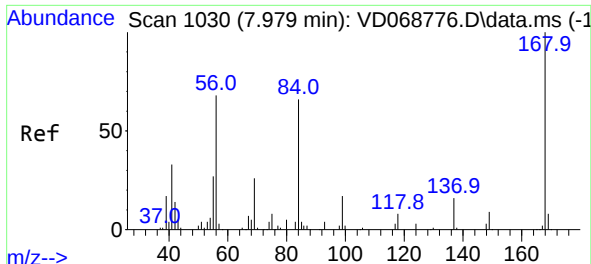
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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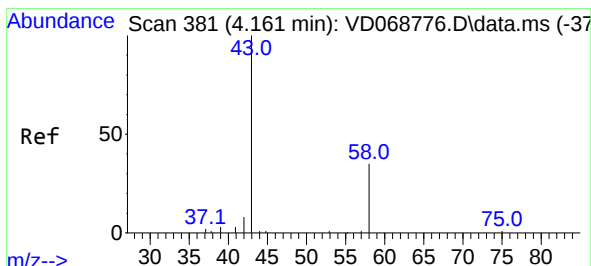
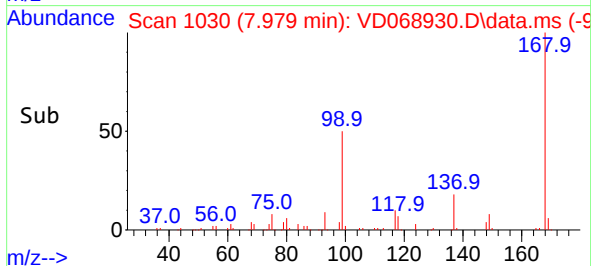
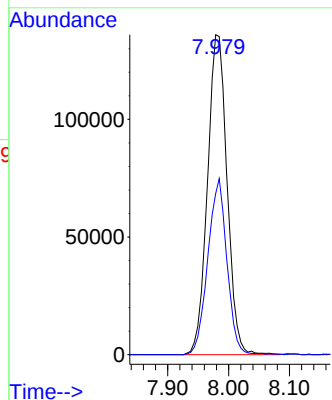
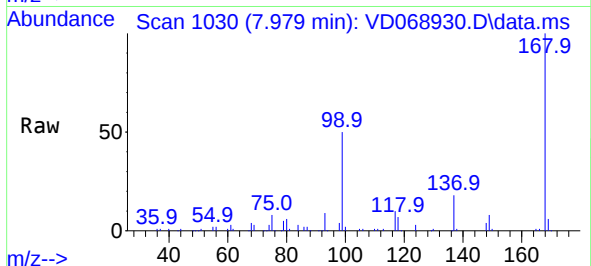




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

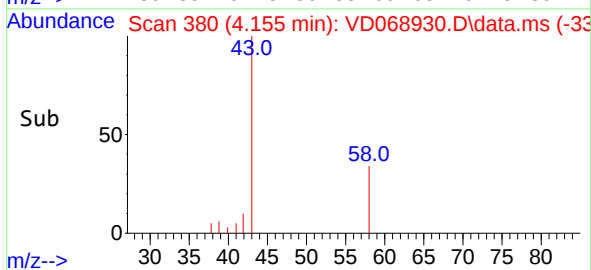
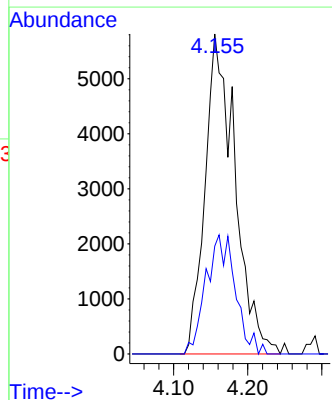
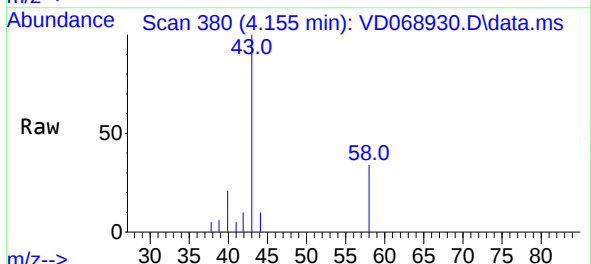
Instrument :
MSVOA_D
ClientSampleId :
SB-24-14.5-15.0

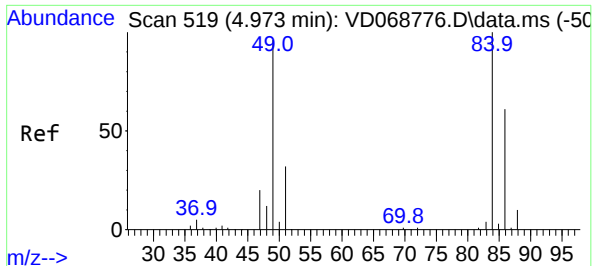
Tgt Ion:168 Resp: 304276
Ion Ratio Lower Upper
168 100
99 50.4 46.2 69.2



#16
Acetone
Concen: 36.64 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

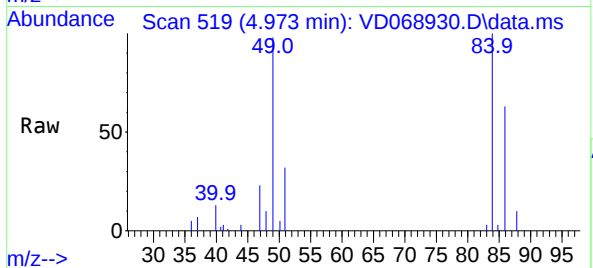
Tgt Ion: 43 Resp: 16318
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





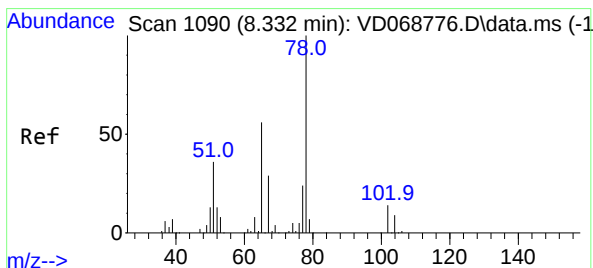
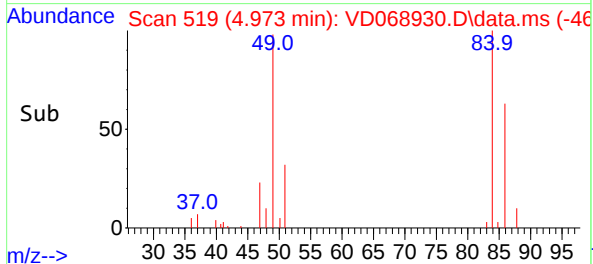
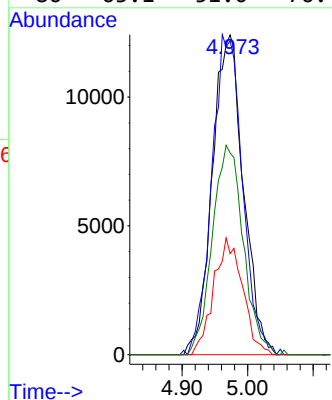
#20
Methylene Chloride
Concen: 7.22 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Instrument :
MSVOA_D
ClientSampleId :
SB-24-14.5-15.0



Tgt Ion: 84 Resp: 40892

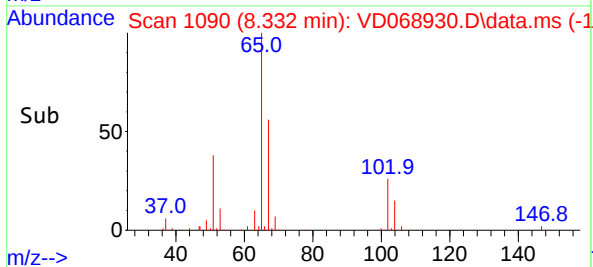
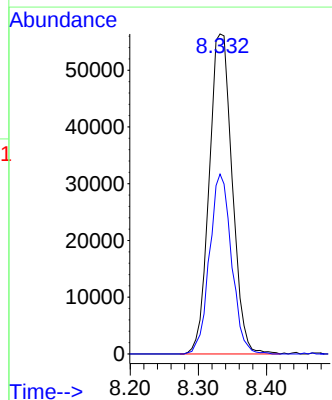
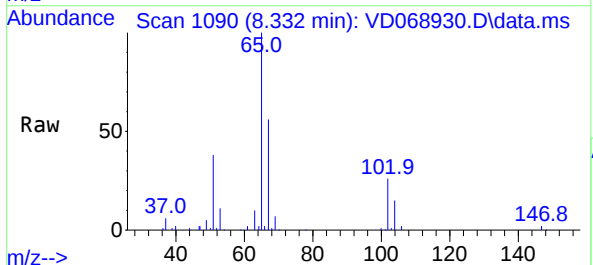
Ion	Ratio	Lower	Upper
84	100		
49	98.1	83.4	125.0
51	31.6	23.4	35.2
86	63.1	51.0	76.4

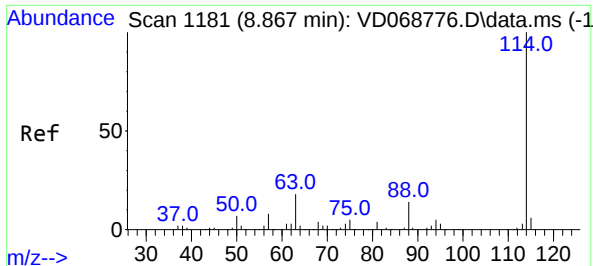


#33
1,2-Dichloroethane-d4
Concen: 41.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 65 Resp: 132424

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.0

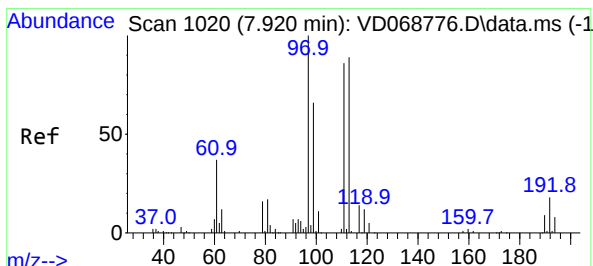
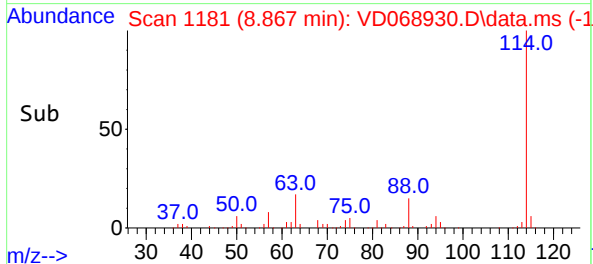
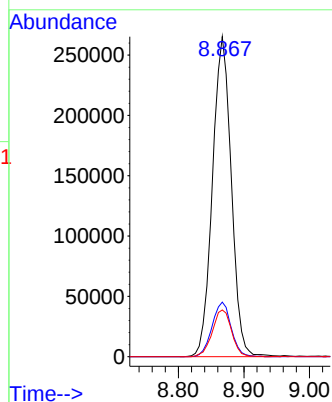
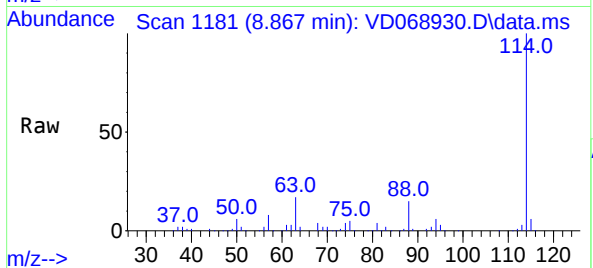




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

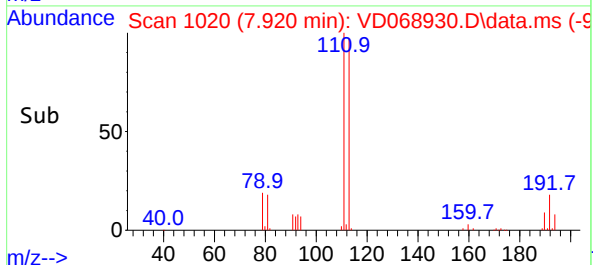
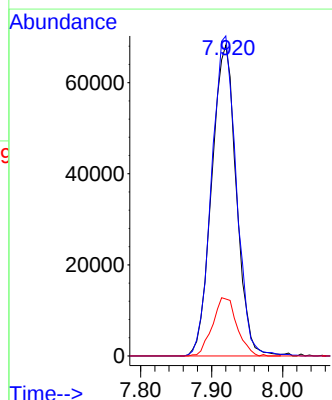
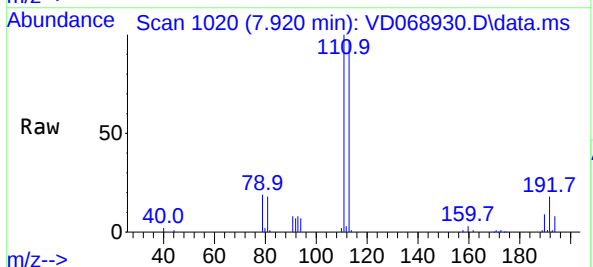
Instrument :
MSVOA_D
ClientSampleId :
SB-24-14.5-15.0

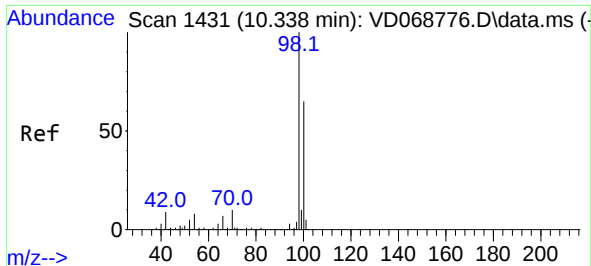
Tgt Ion:114 Resp: 529297
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.58 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion:113 Resp: 163813
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 18.6 15.1 22.7

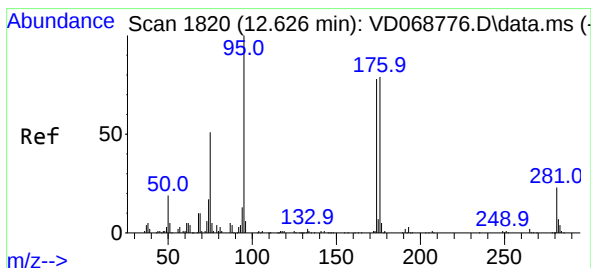
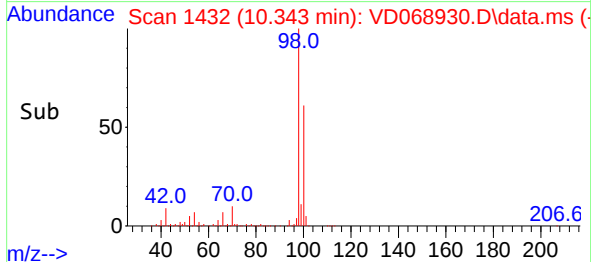
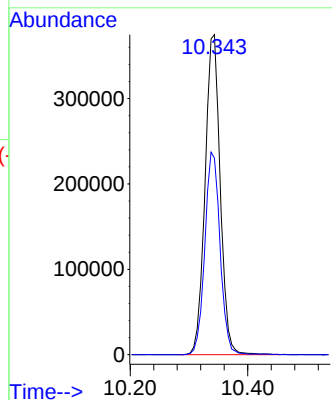
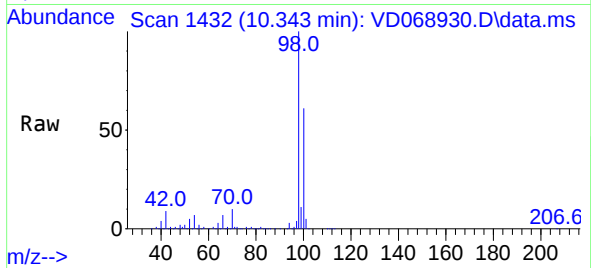




#50
Toluene-d8
Concen: 51.90 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.005 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

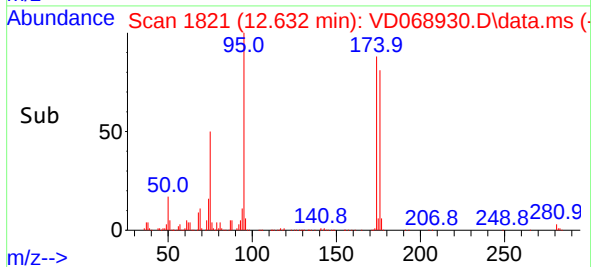
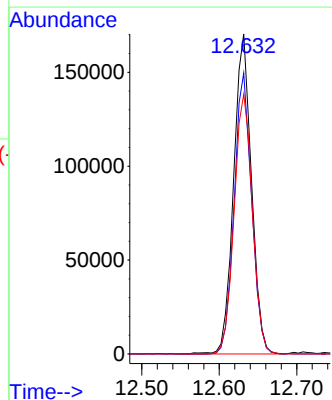
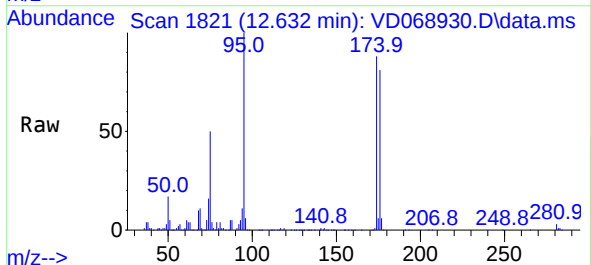
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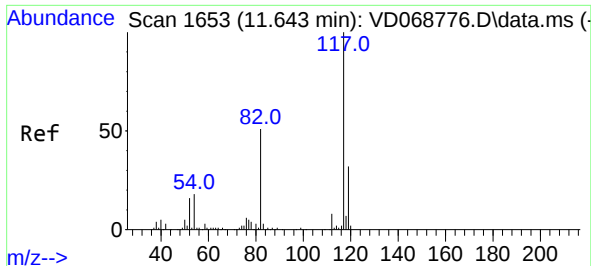
Tgt Ion: 98 Resp: 674070
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 63.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion: 95 Resp: 272249
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.0
176 83.2 0.0 160.2

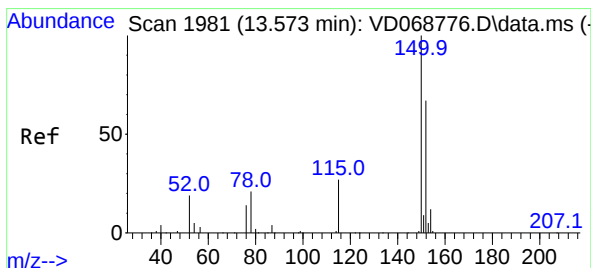
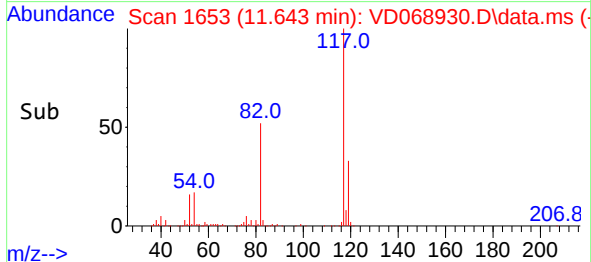
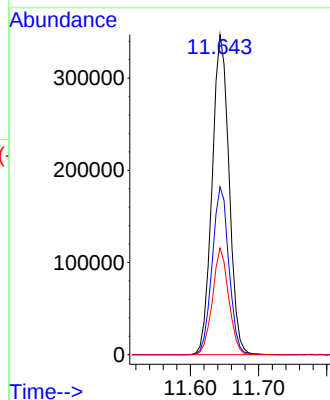
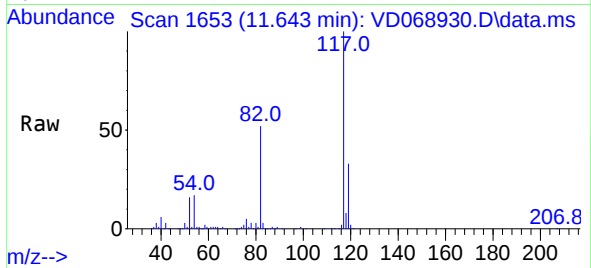




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Instrument :
MSVOA_D
ClientSampleId :
SB-24-14.5-15.0

Tgt Ion:	117	Resp:	600138
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.5	65.3
119	33.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068930.D
Acq: 21 Apr 2021 16:45

Tgt Ion:	152	Resp:	308624
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.3	87.8
150	158.3	0.0	347.6

