

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068917.D
 Acq On : 20 Apr 2021 12:11
 Operator : VA/SY
 Sample : M2076-13RE
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-17-0-2.0RE

Quant Time: Apr 21 08:06:50 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)

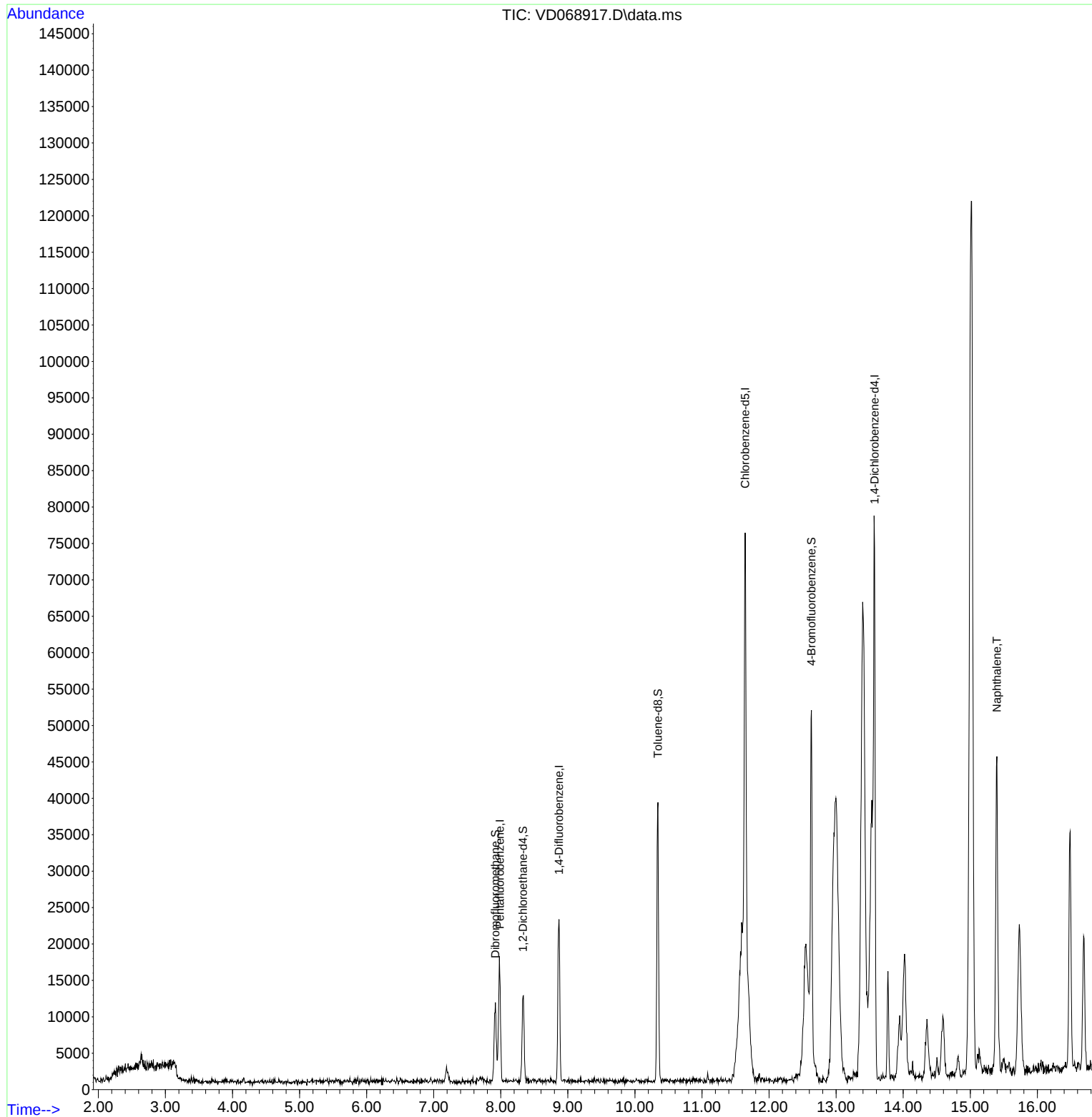
Internal Standards						
1) Pentafluorobenzene	7.985	168	13030	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	21734	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	32123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	22445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	9414	68.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.72%	
35) Dibromofluoromethane	7.920	113	7749	54.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.62%	
50) Toluene-d8	10.344	98	28601	53.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.26%	
62) 4-Bromofluorobenzene	12.632	95	14476	81.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 163.46%#	
Target Compounds						
95) Naphthalene	15.396	128	39658	54.47	ug/l	Qvalue 99

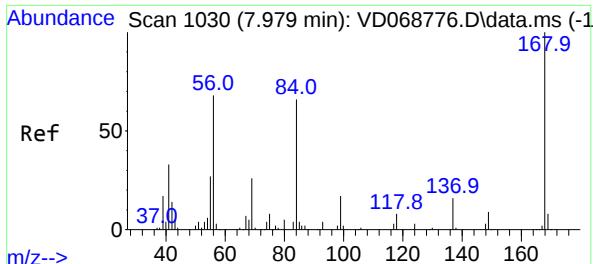
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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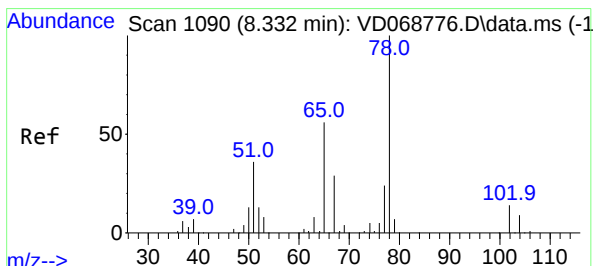
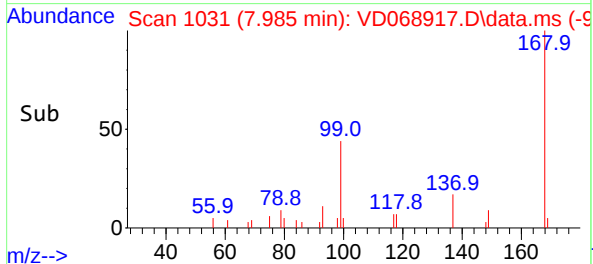
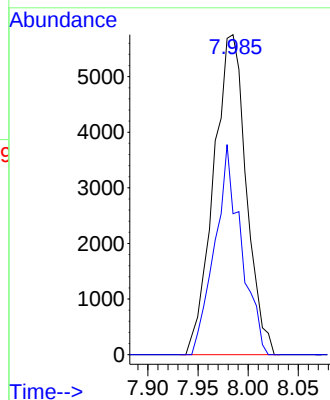
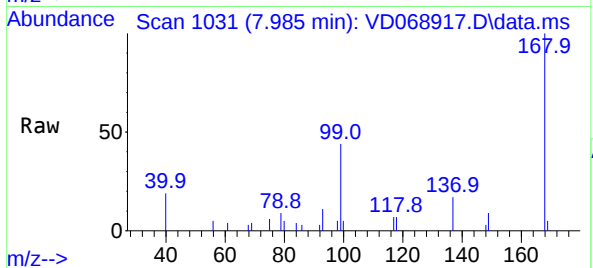




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

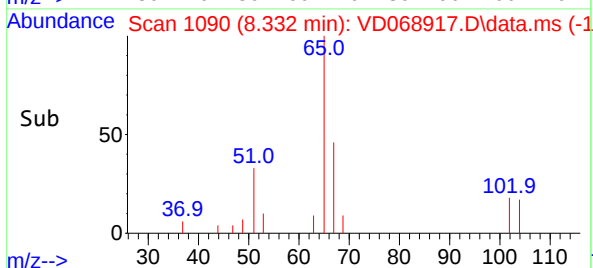
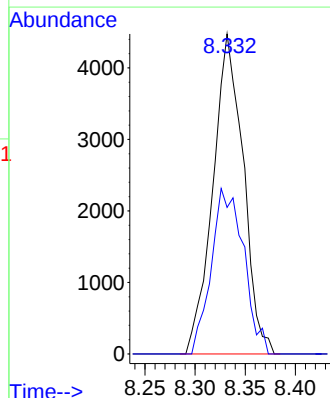
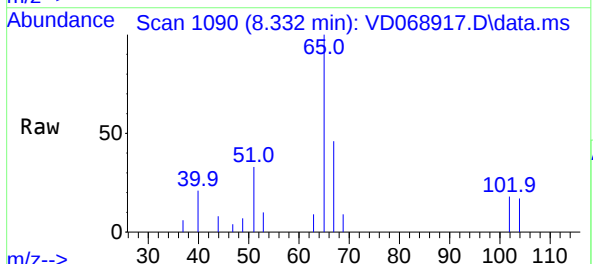
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0RE

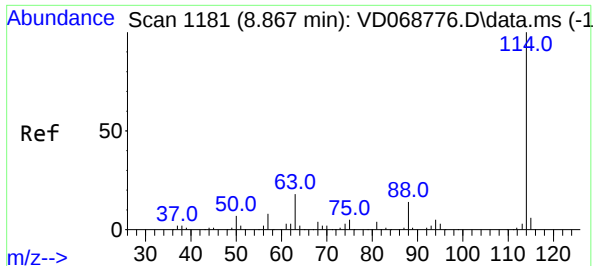
Tgt Ion:168 Resp: 13030
Ion Ratio Lower Upper
168 100
99 44.1 46.2 69.2#



1,2-Dichloroethane-d4
Concen: 68.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Tgt Ion: 65 Resp: 9414
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.0



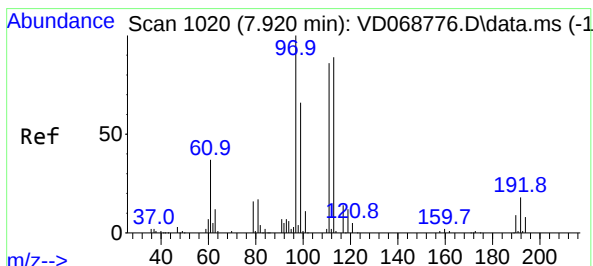
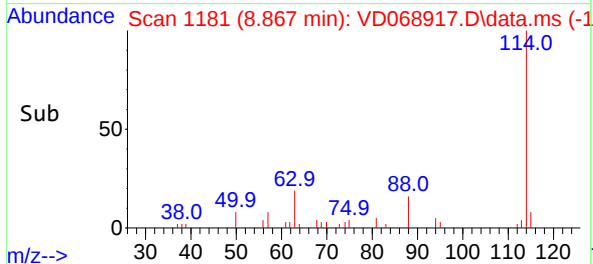
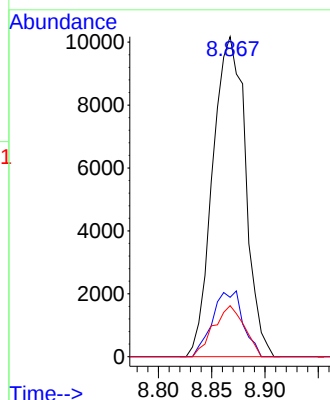
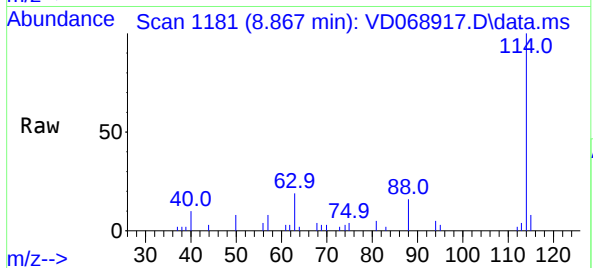


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0RE

Tgt Ion:114 Resp: 21734

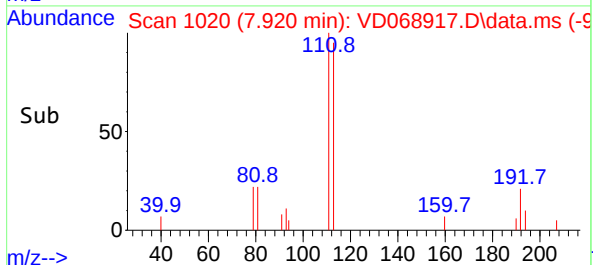
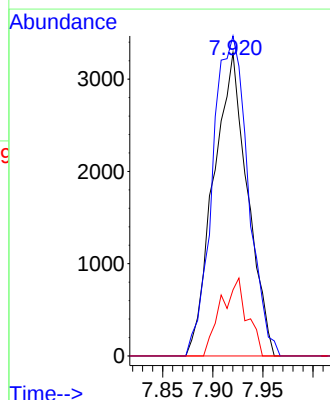
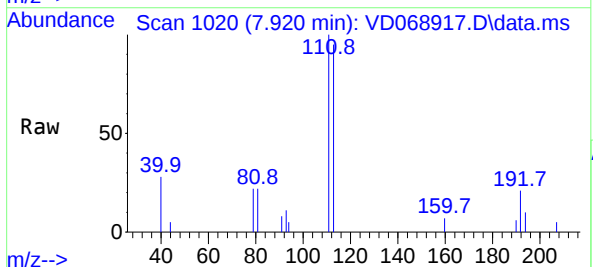
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.2
88	16.0	0.0	29.4

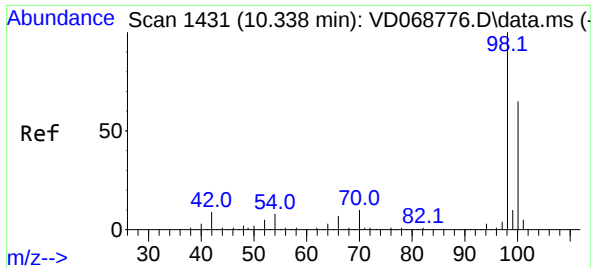


#35
Dibromofluoromethane
Concen: 54.81 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Tgt Ion:113 Resp: 7749

Ion	Ratio	Lower	Upper
113	100		
111	110.7	82.5	123.7
192	19.9	15.1	22.7

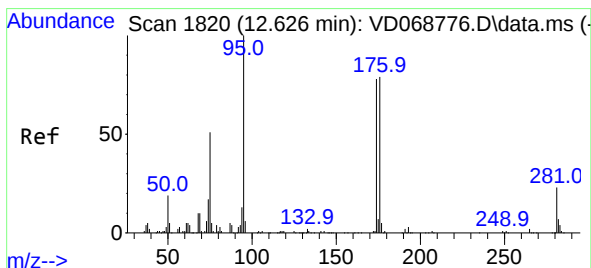
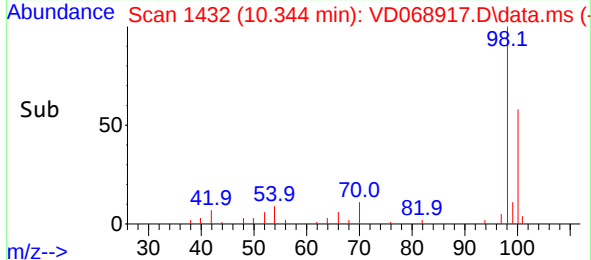
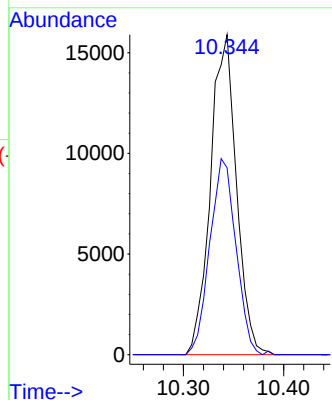
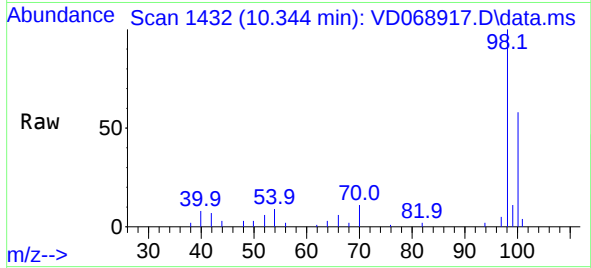




#50
Toluene-d8
Concen: 53.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

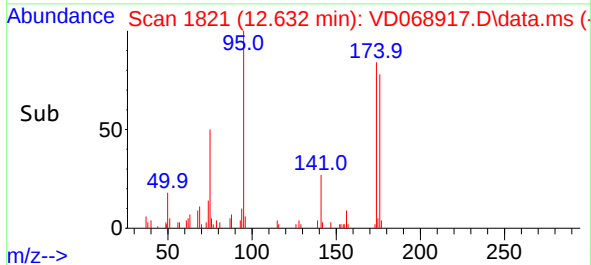
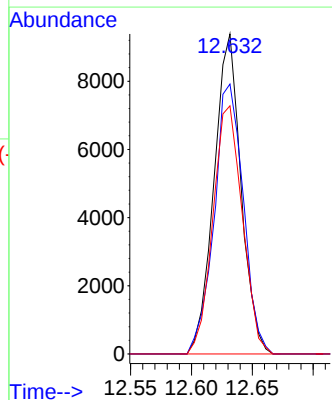
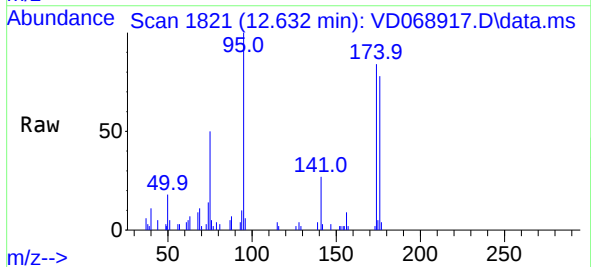
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0RE

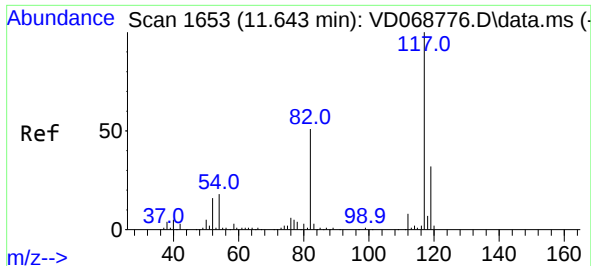
Tgt Ion: 98 Resp: 28601
Ion Ratio Lower Upper
98 100
100 61.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 81.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Tgt Ion: 95 Resp: 14476
Ion Ratio Lower Upper
95 100
174 91.1 0.0 168.0
176 84.5 0.0 160.2

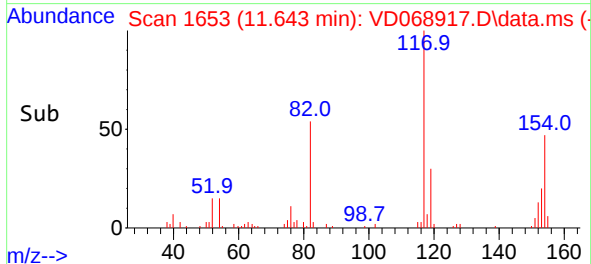
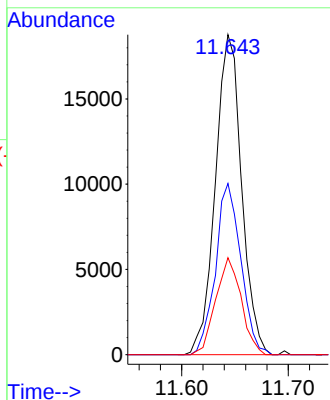
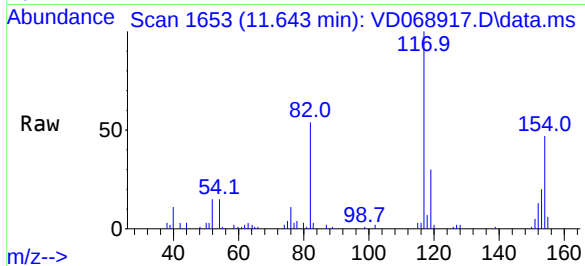




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

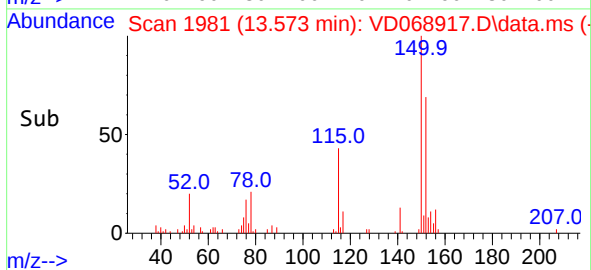
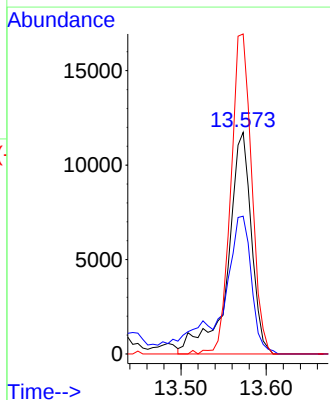
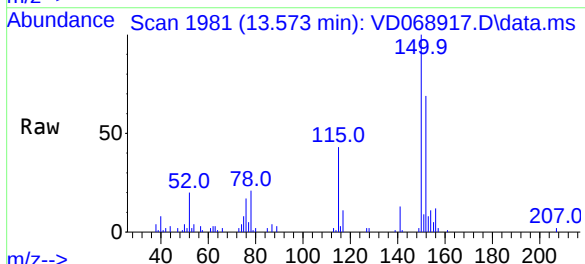
Instrument :
MSVOA_D
ClientSampleId :
SB-17-0-2.0RE

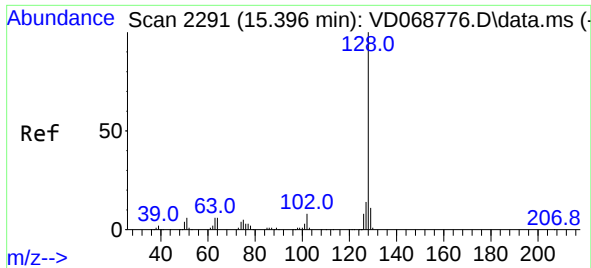
Tgt Ion:	117	Resp:	32123
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.5	65.3
119	30.3	26.7	40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Tgt Ion:	152	Resp:	22445
Ion Ratio	Lower	Upper	
152	100		
115	61.0	29.3	87.8
150	127.9	0.0	347.6





#95
Naphthalene
Concen: 54.47 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068917.D
Acq: 20 Apr 2021 12:11

Instrument :
MSVOA_D
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SB-17-0-2.0RE

Tgt Ion:128 Resp: 39658
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.7 8.9 13.3

