

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068866.D
 Acq On : 15 Apr 2021 20:00
 Operator : VA/SY
 Sample : M2049-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-7.5-8.0-DUP

Quant Time: Apr 16 01:11:24 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	210900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	375924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	405656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	205022	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	92122	41.33	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.66%
35) Dibromofluoromethane	7.914	113	116951	47.83	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.66%
50) Toluene-d8	10.338	98	477319	51.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.50%
62) 4-Bromofluorobenzene	12.626	95	180080	58.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.56%

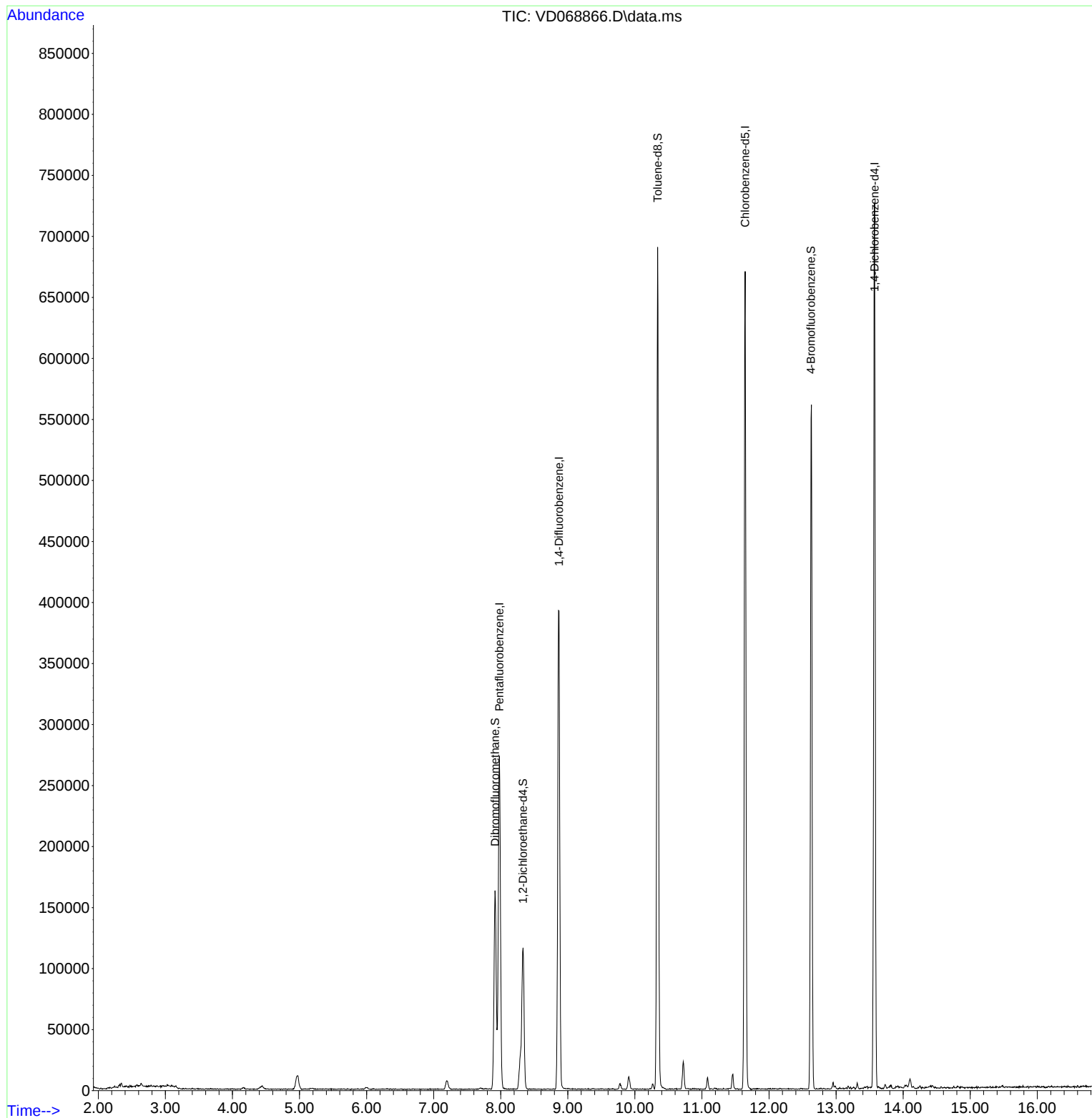
Target Compounds	Qvalue

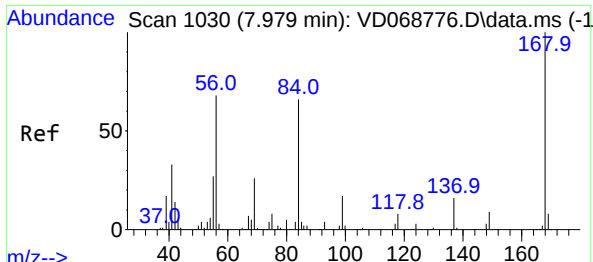
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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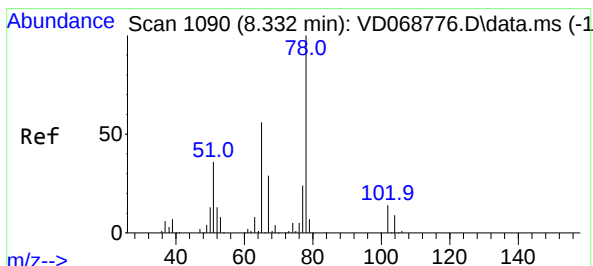
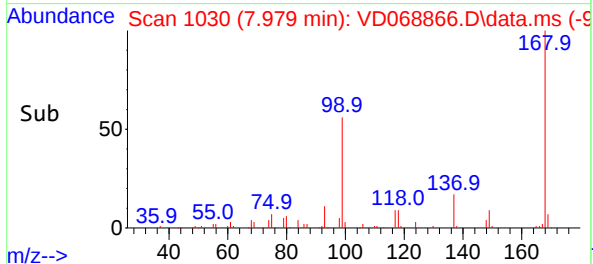
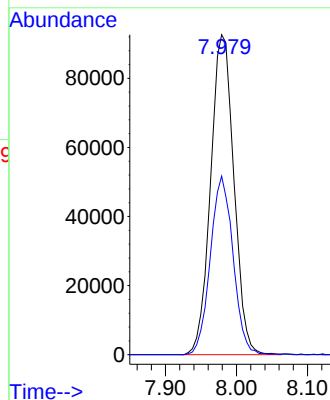
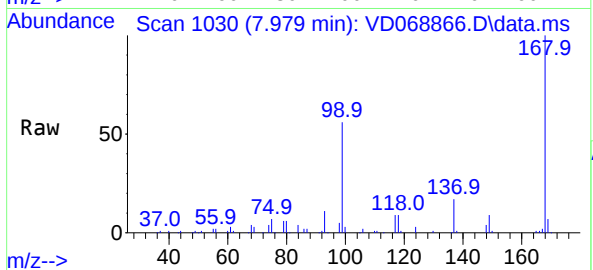




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

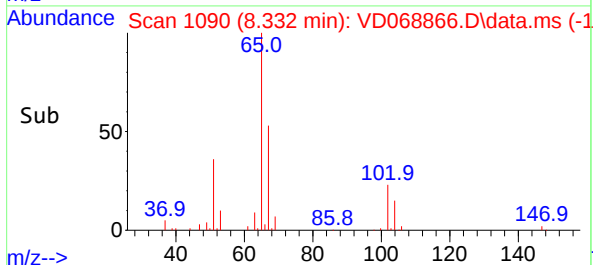
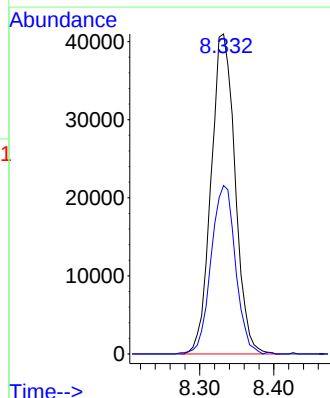
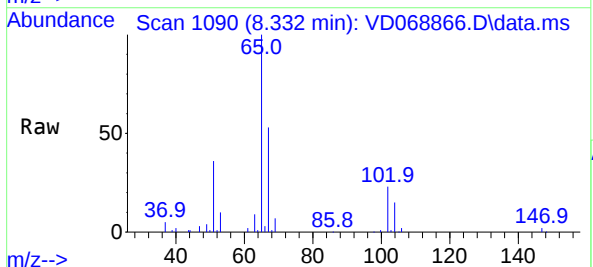
Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0-DUP

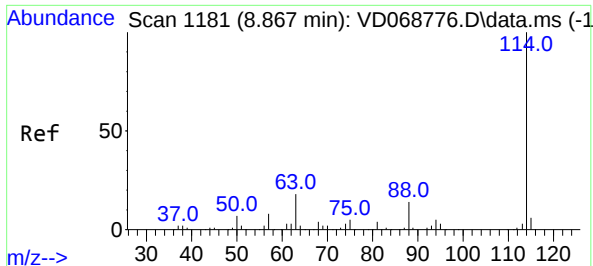
Tgt Ion:168 Resp: 210900
Ion Ratio Lower Upper
168 100
99 55.8 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 41.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 65 Resp: 92122
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0



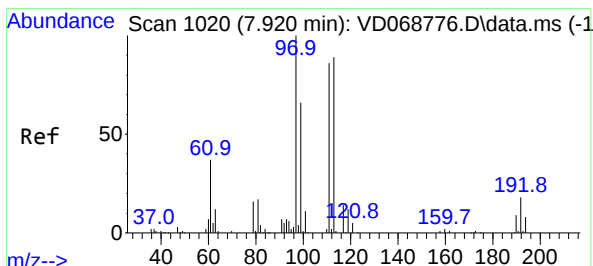
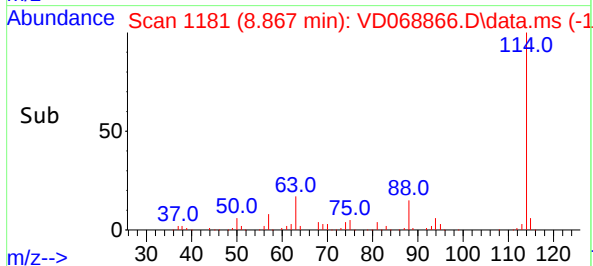
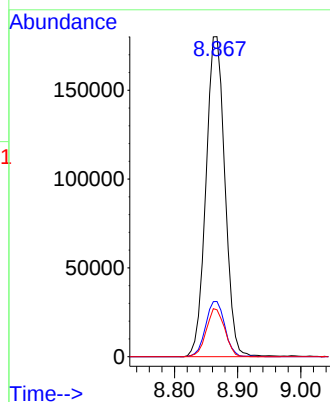
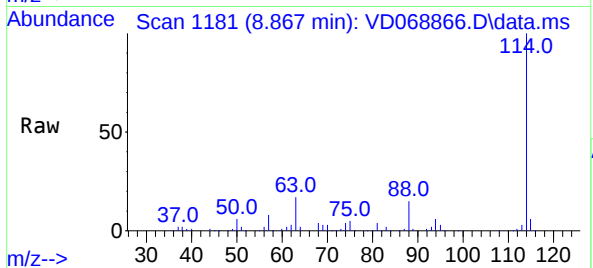


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0-DUP

Tgt Ion:114 Resp: 375924

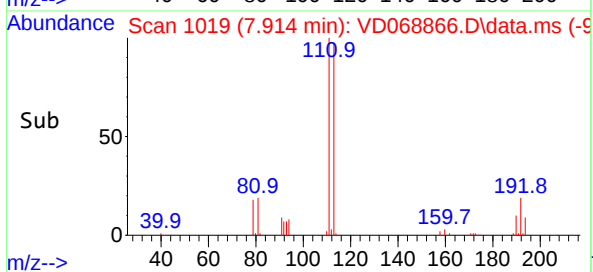
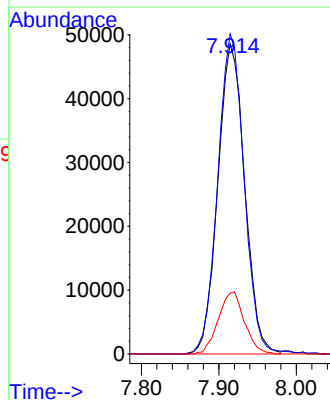
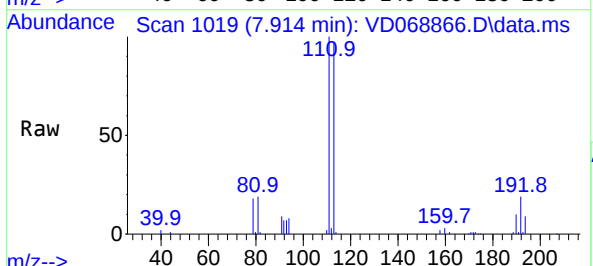
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	38.2
88	14.6	0.0	29.4

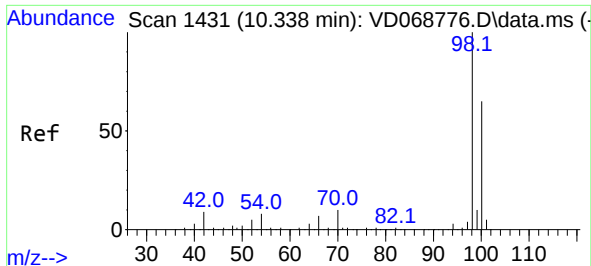


#35
Dibromofluoromethane
Concen: 47.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion:113 Resp: 116951

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.5	123.7
192	19.4	15.1	22.7

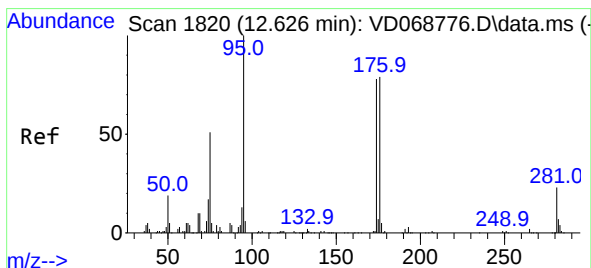
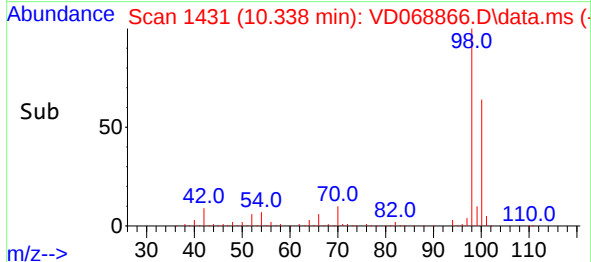
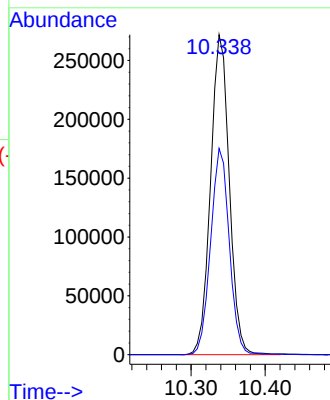
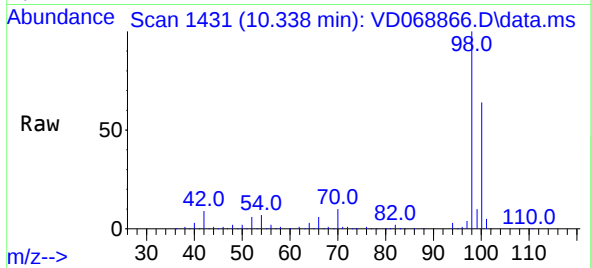




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

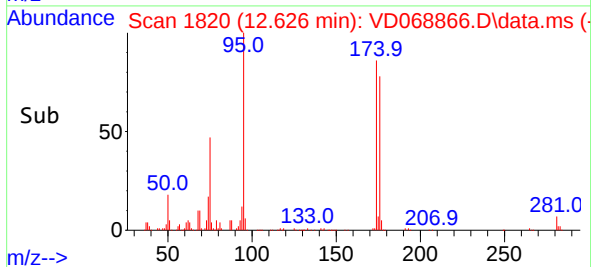
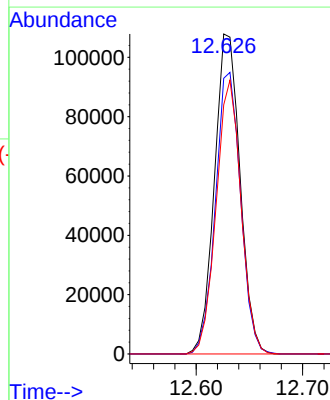
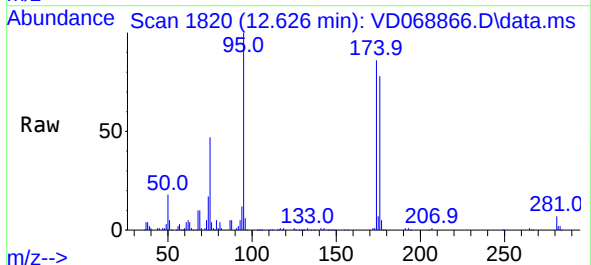
Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0-DUP

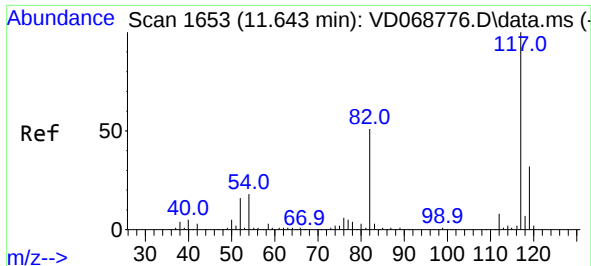
Tgt Ion: 98 Resp: 477319
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.78 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 95 Resp: 180080
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.0
176 82.9 0.0 160.2

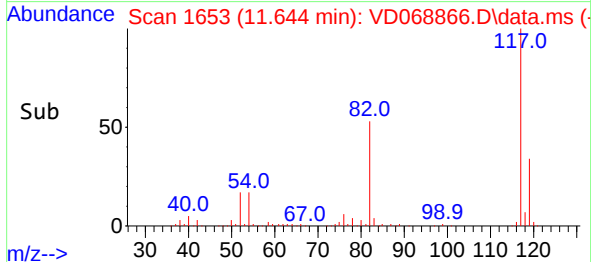
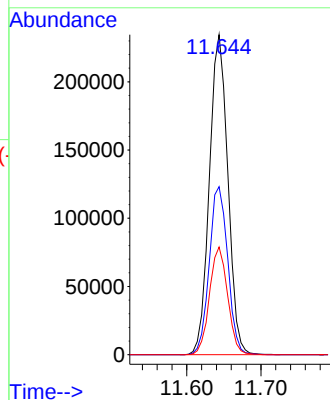
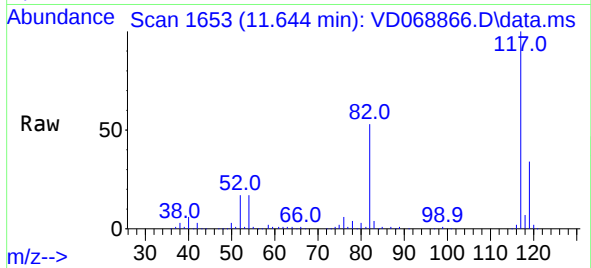




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Instrument :
MSVOA_D
ClientSampleId :
SB-08-7.5-8.0-DUP

Tgt Ion:117 Resp: 405656
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 33.6 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: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion:152 Resp: 205022
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 156.6 0.0 347.6

