

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068831.D
 Acq On : 12 Apr 2021 14:44
 Operator : VA/SY
 Sample : M1997-03
 Misc : 6.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 801-675

Quant Time: Apr 13 01:09:31 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	177580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	309195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	353918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	175859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	99015	52.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.52%
35) Dibromofluoromethane	7.920	113	99405	49.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.86%
50) Toluene-d8	10.338	98	402896	53.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.22%
62) 4-Bromofluorobenzene	12.632	95	165165	65.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.10%

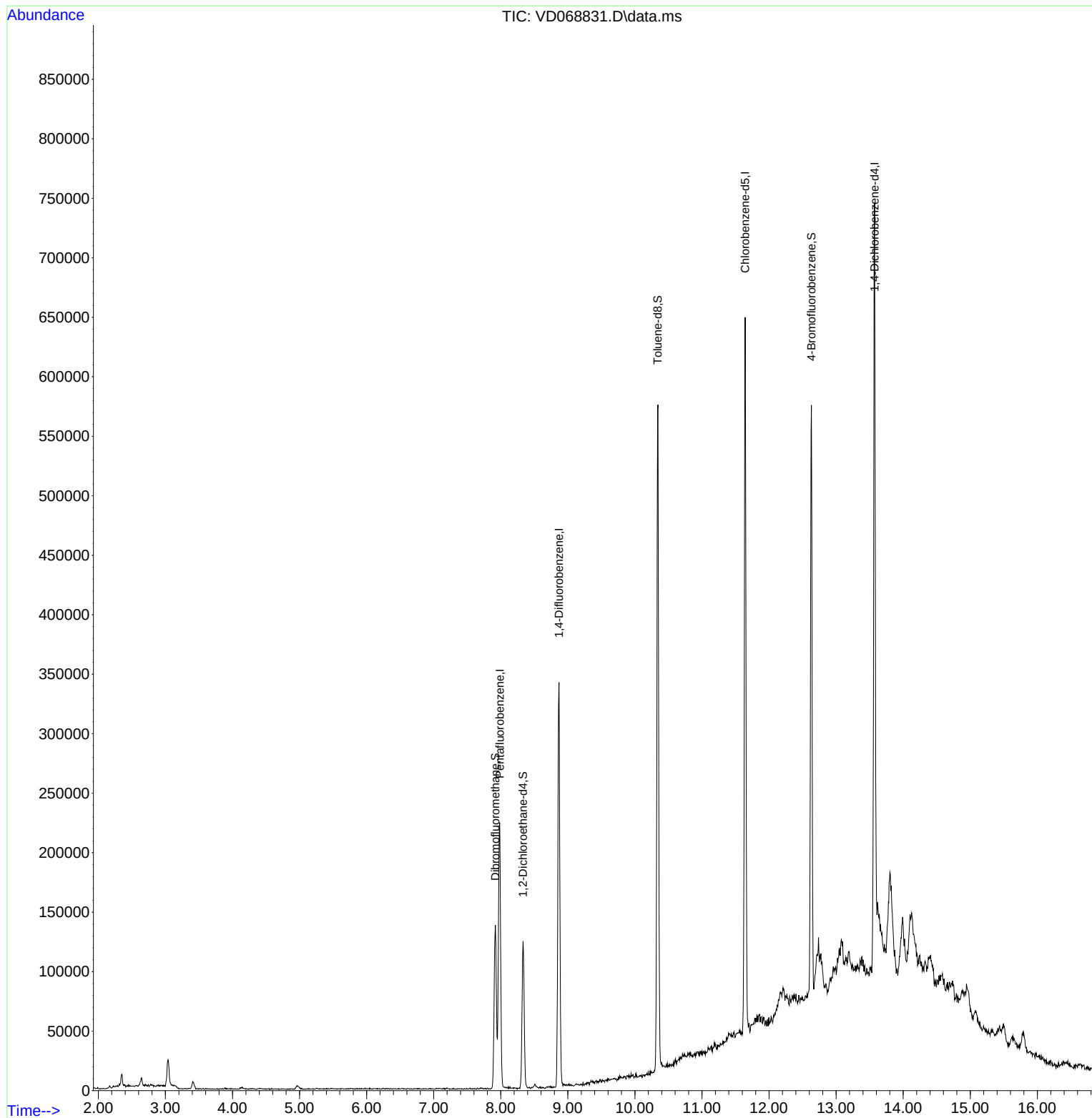
Target Compounds	Qvalue

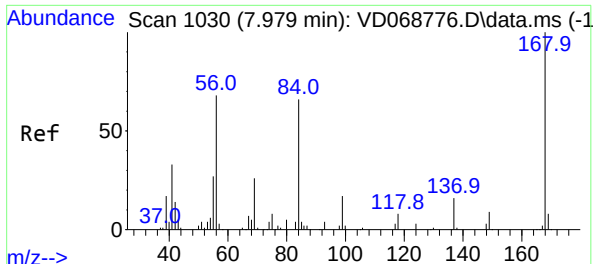
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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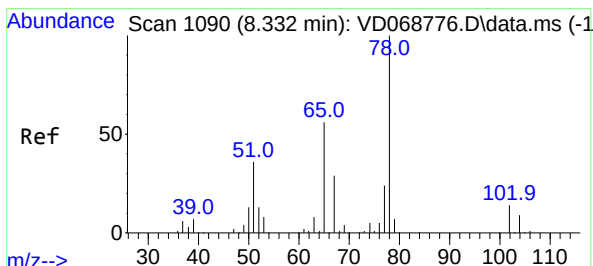
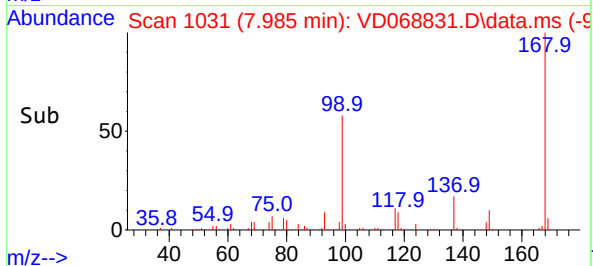
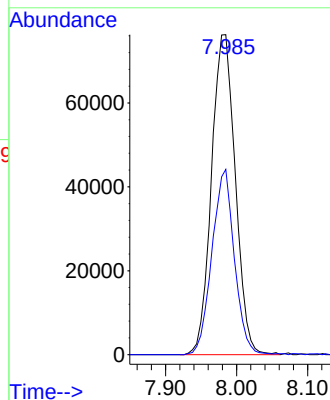
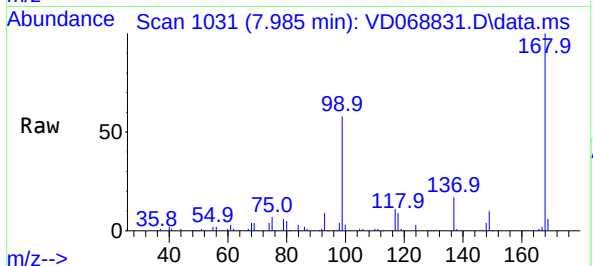




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

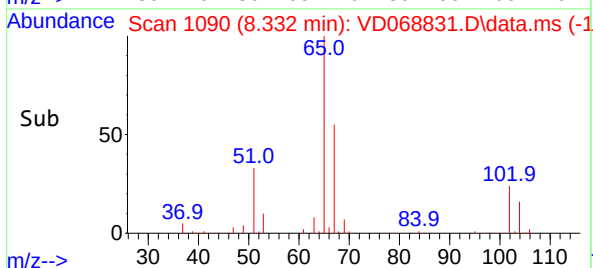
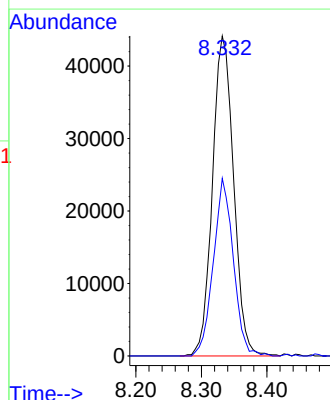
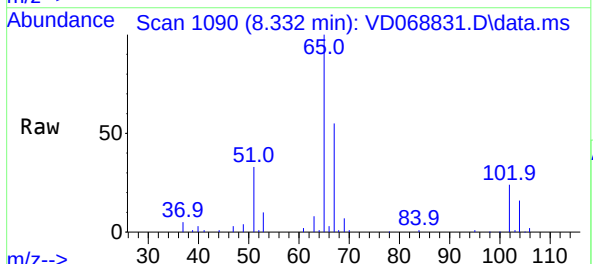
Instrument :
MSVOA_D
ClientSampleId :
801-675

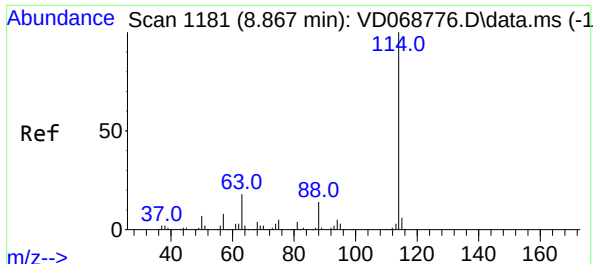
Tgt Ion:168 Resp: 177580
Ion Ratio Lower Upper
168 100
99 57.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 52.76 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion: 65 Resp: 99015
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

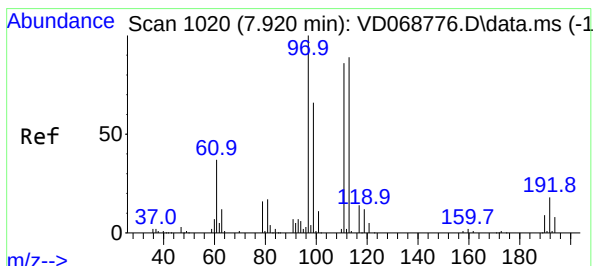
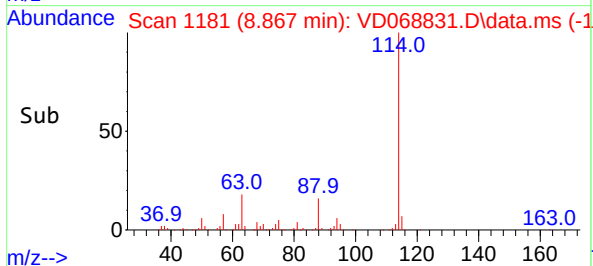
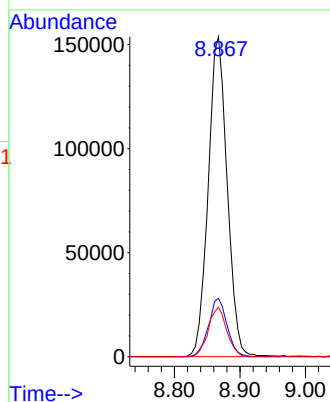
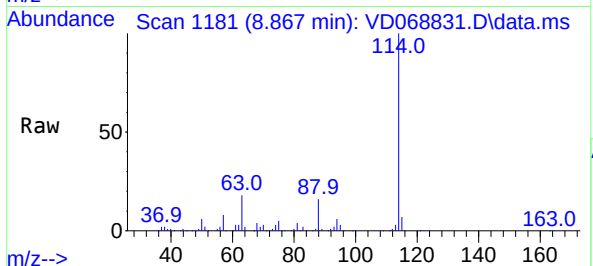




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

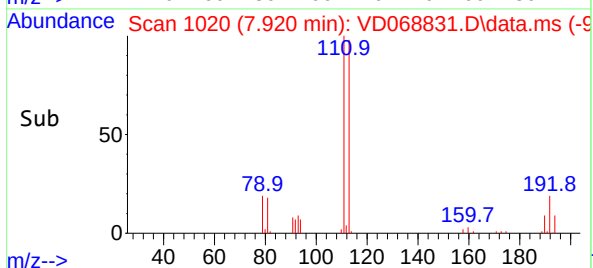
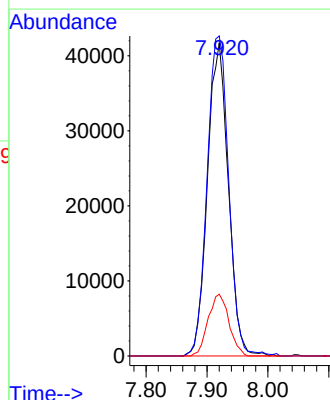
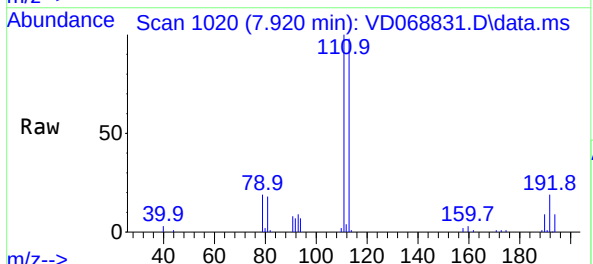
Instrument :
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ClientSampleId :
801-675

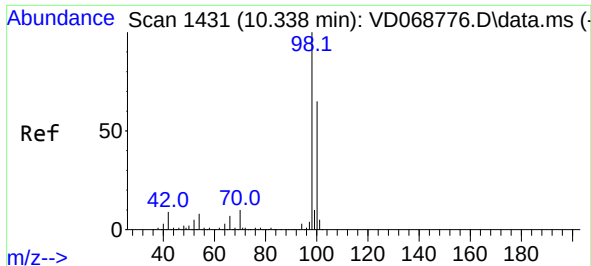
Tgt Ion:	114	Resp:	309195
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	38.2
88	15.5	0.0	29.4



#35
Dibromofluoromethane
Concen: 49.43 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion:	113	Resp:	99405
Ion Ratio	Lower	Upper	
113	100		
111	105.6	82.5	123.7
192	19.7	15.1	22.7

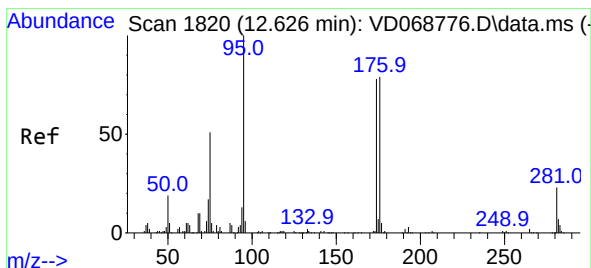
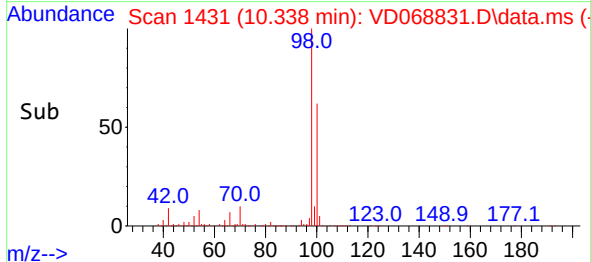
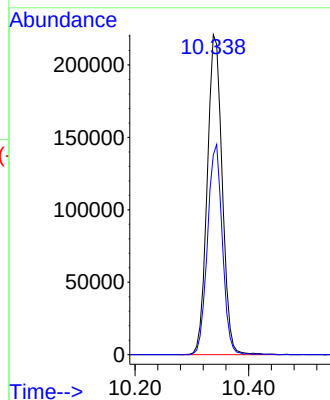
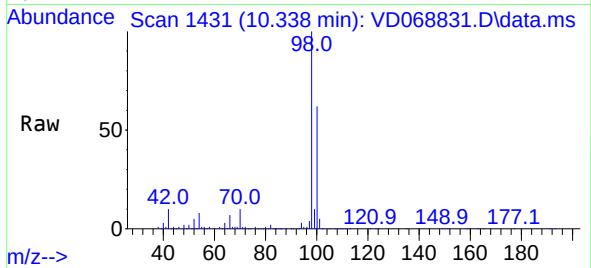




#50
Toluene-d8
Concen: 53.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

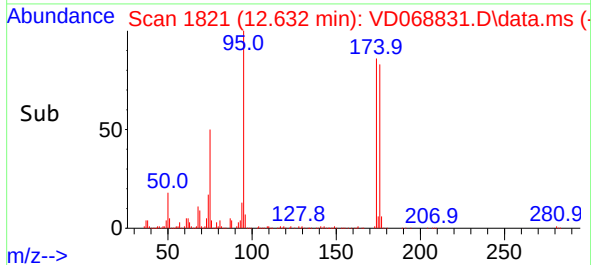
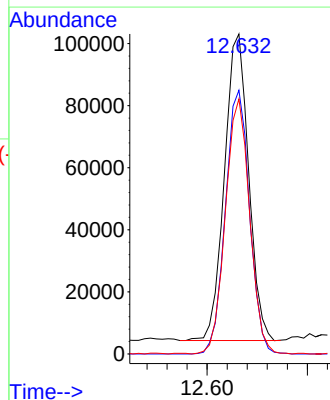
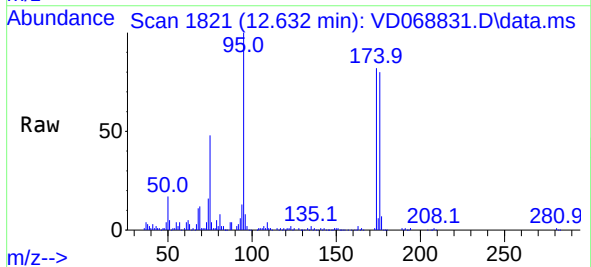
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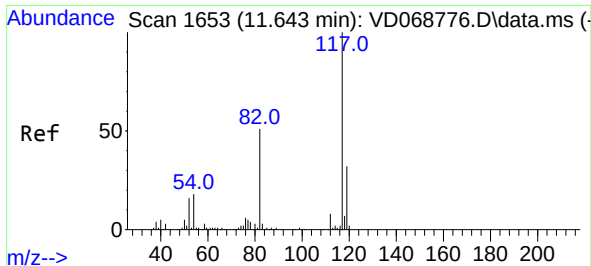
Tgt Ion: 98 Resp: 402896
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion: 95 Resp: 165165
Ion Ratio Lower Upper
95 100
174 85.9 0.0 168.0
176 83.5 0.0 160.2

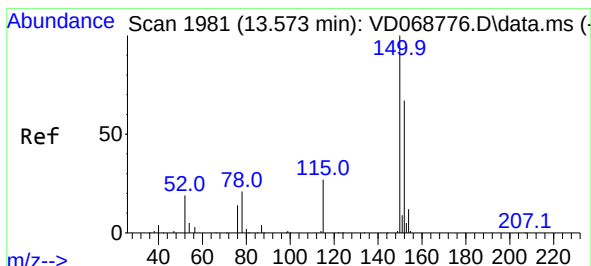
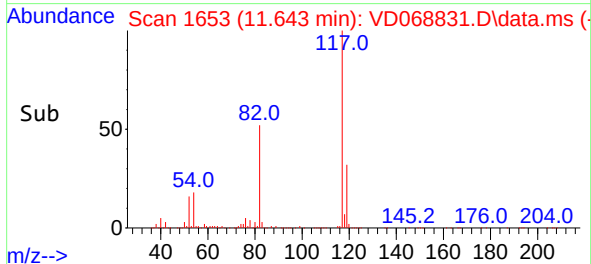
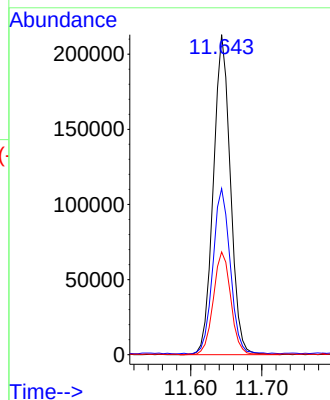
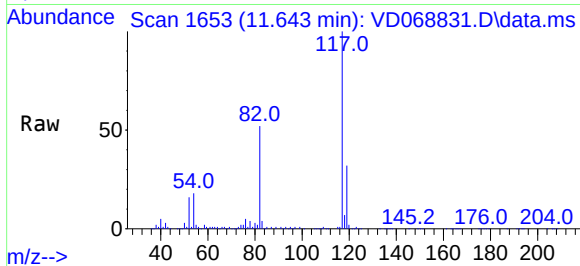




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068831.D
Acq: 12 Apr 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :
801-675

Tgt Ion:117 Resp: 353918
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.1 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: VD068831.D
Acq: 12 Apr 2021 14:44

Tgt Ion:152 Resp: 175859
Ion Ratio Lower Upper
152 100
115 59.0 29.3 87.8
150 154.4 0.0 347.6

