

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068971.D
 Acq On : 23 Apr 2021 16:57
 Operator : VA/SY
 Sample : M2145-01
 Misc : 5.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-042221

Quant Time: Apr 26 09:51:24 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	290985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	493606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	596256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	321275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	131817	42.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.72%
35) Dibromofluoromethane	7.920	113	153972	47.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.92%
50) Toluene-d8	10.344	98	633656	52.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.64%
62) 4-Bromofluorobenzene	12.632	95	285720	71.03	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	142.06%

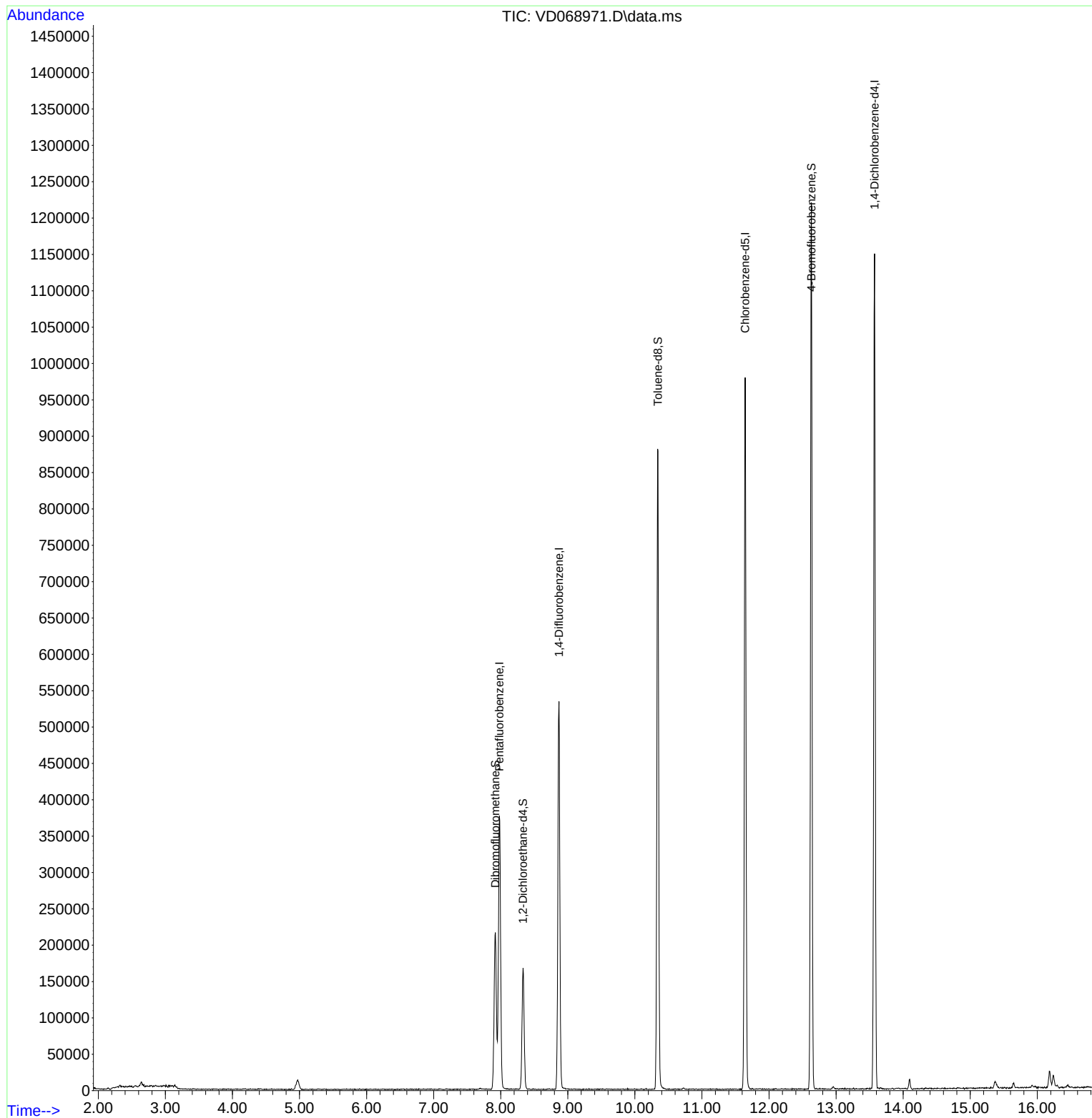
Target Compounds	Qvalue

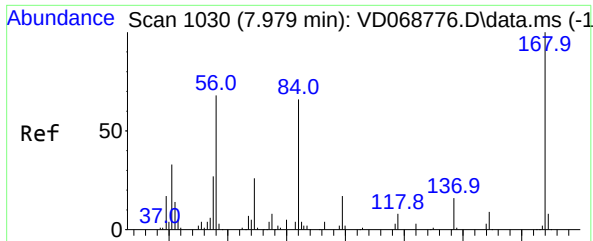
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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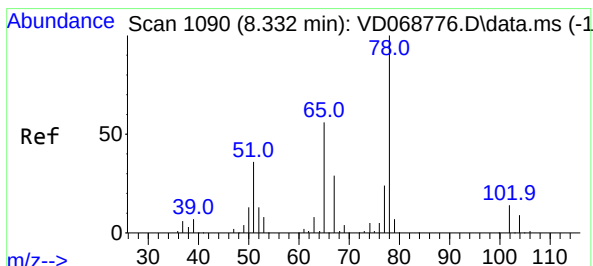
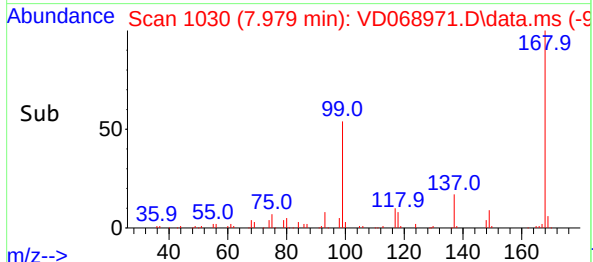
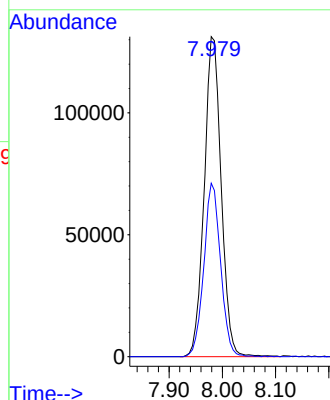
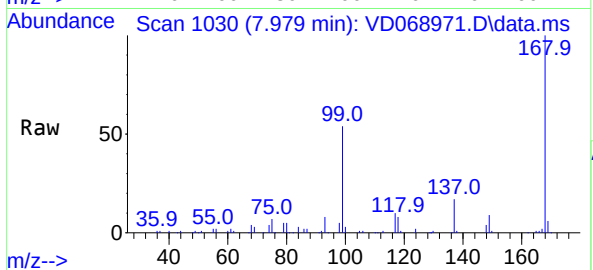




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

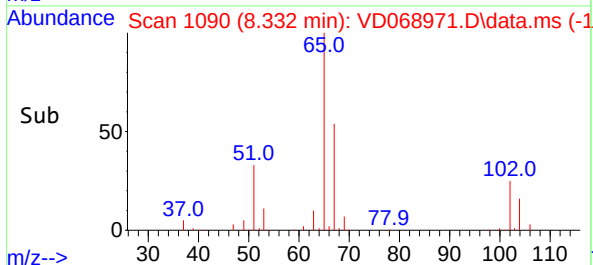
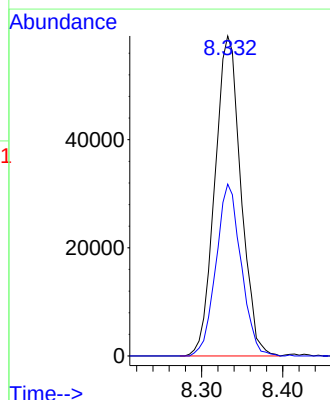
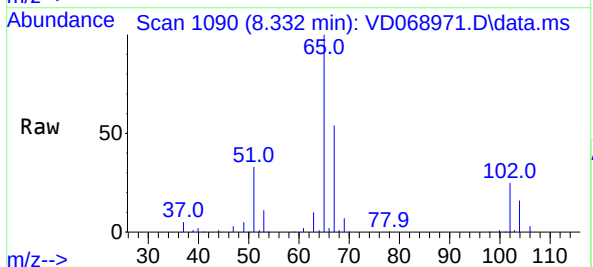
Instrument :
MSVOA_D
ClientSampleId :
SU-02-042221

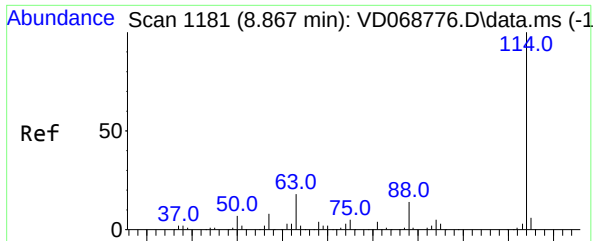
Tgt Ion:168 Resp: 290985
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 42.86 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 65 Resp: 131817
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

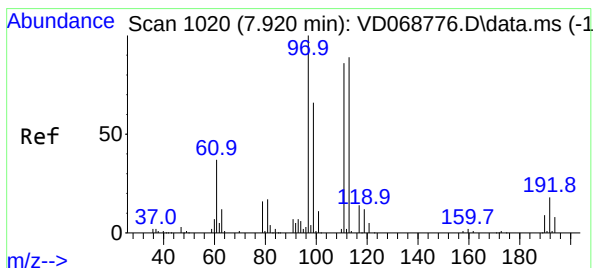
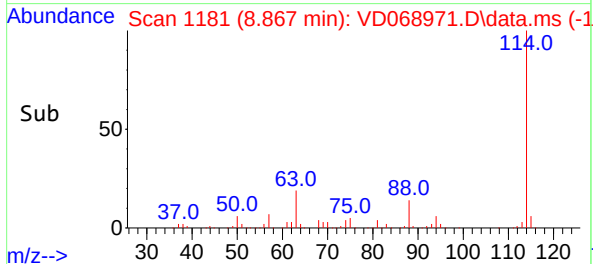
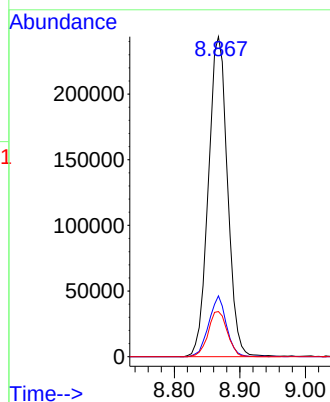
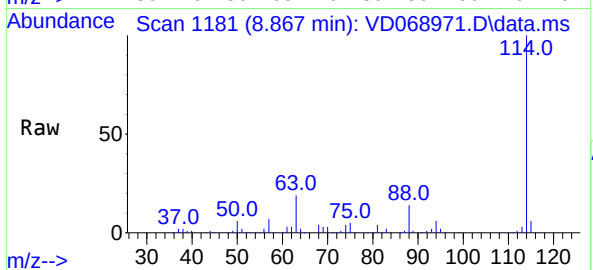




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

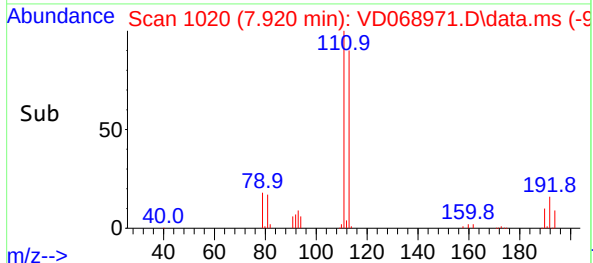
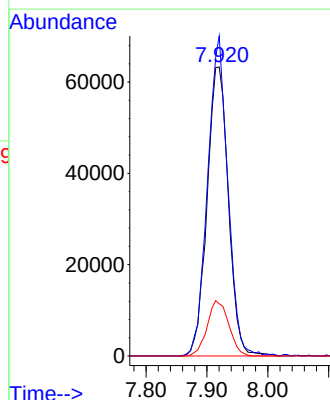
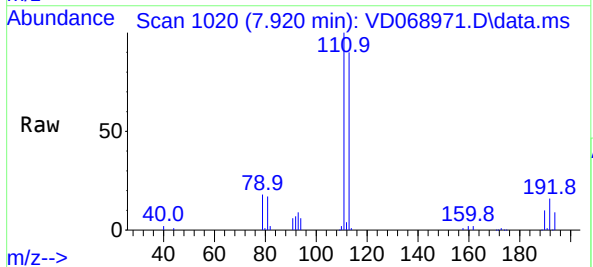
Instrument :
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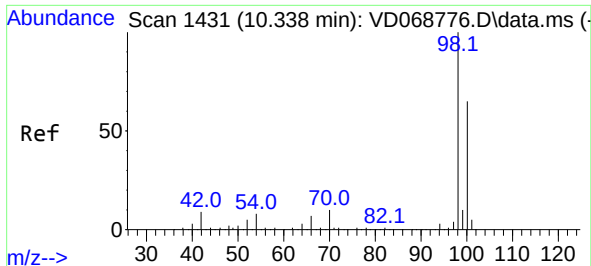
Tgt Ion:114 Resp: 493606
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.2
88 14.1 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.96 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion:113 Resp: 153972
Ion Ratio Lower Upper
113 100
111 105.1 82.5 123.7
192 19.4 15.1 22.7

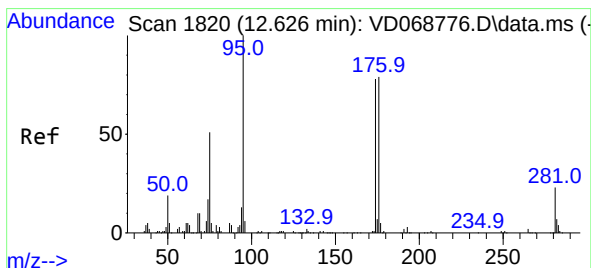
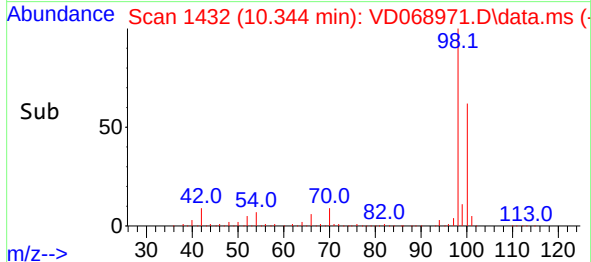
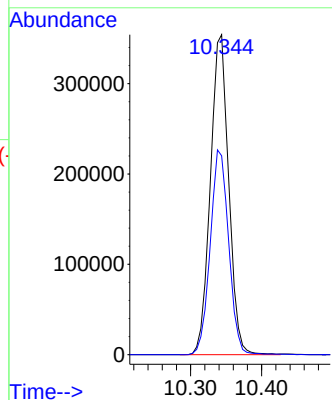
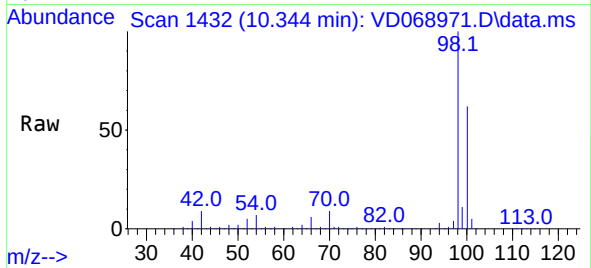




#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

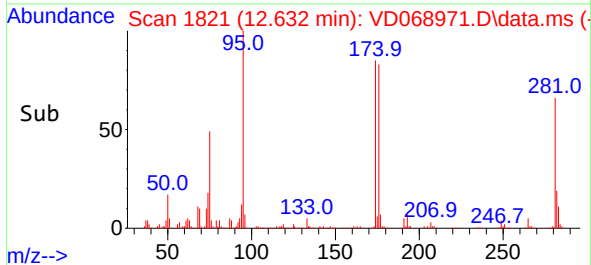
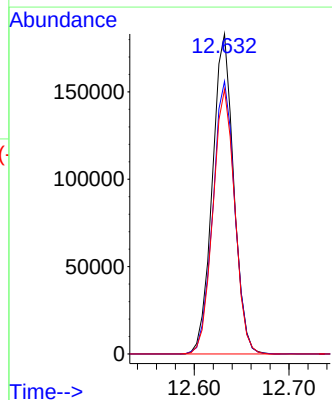
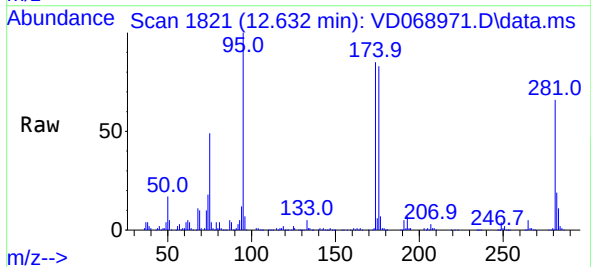
Instrument :
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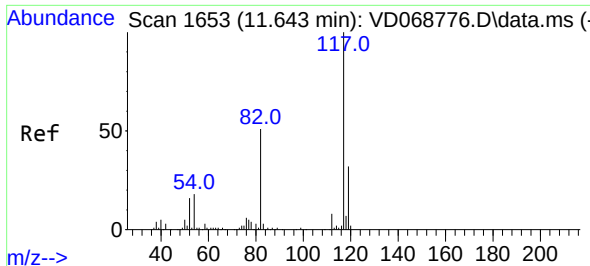
Tgt Ion: 98 Resp: 633656
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion: 95 Resp: 285720
Ion Ratio Lower Upper
95 100
174 87.4 0.0 168.0
176 84.6 0.0 160.2

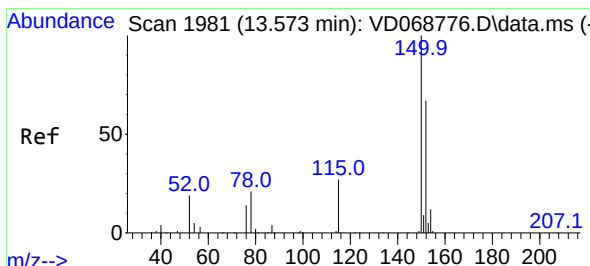
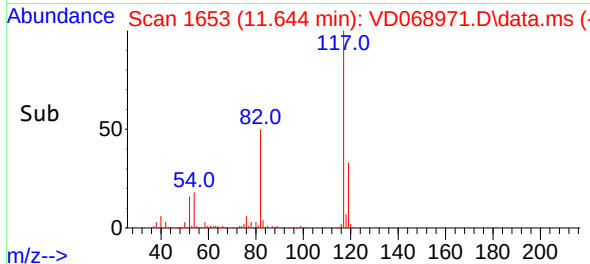
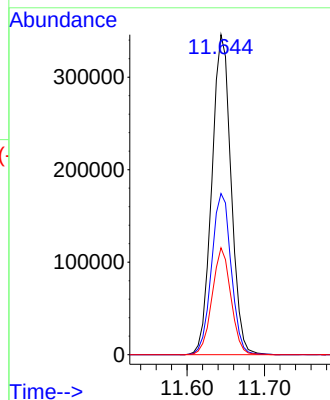
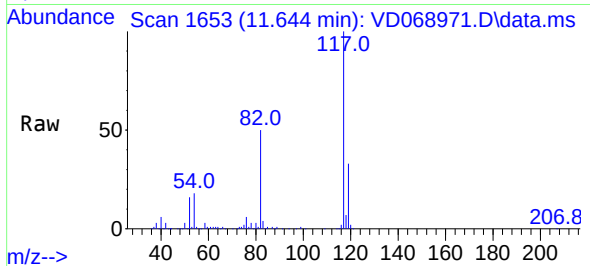




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068971.D
Acq: 23 Apr 2021 16:57

Instrument :
MSVOA_D
ClientSampleId :
SU-02-042221

Tgt Ion:	117	Resp:	596256
Ion	Ratio	Lower	Upper
117	100		
82	50.3	43.5	65.3
119	33.4	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: VD068971.D
Acq: 23 Apr 2021 16:57

Tgt Ion:	152	Resp:	321275
Ion	Ratio	Lower	Upper
152	100		
115	55.9	29.3	87.8
150	155.6	0.0	347.6

