

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068235.D
 Acq On : 29 Jan 2021 13:00
 Operator : VA/SY
 Sample : VD0129SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0129SBL01

Quant Time: Jan 30 00:01:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	333405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	577190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	518063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	229157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151249	47.42	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.84%
35) Dibromofluoromethane	7.920	113	151990	47.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.26%
50) Toluene-d8	10.338	98	563471	44.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.28%
62) 4-Bromofluorobenzene	12.632	95	202678	44.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.18%

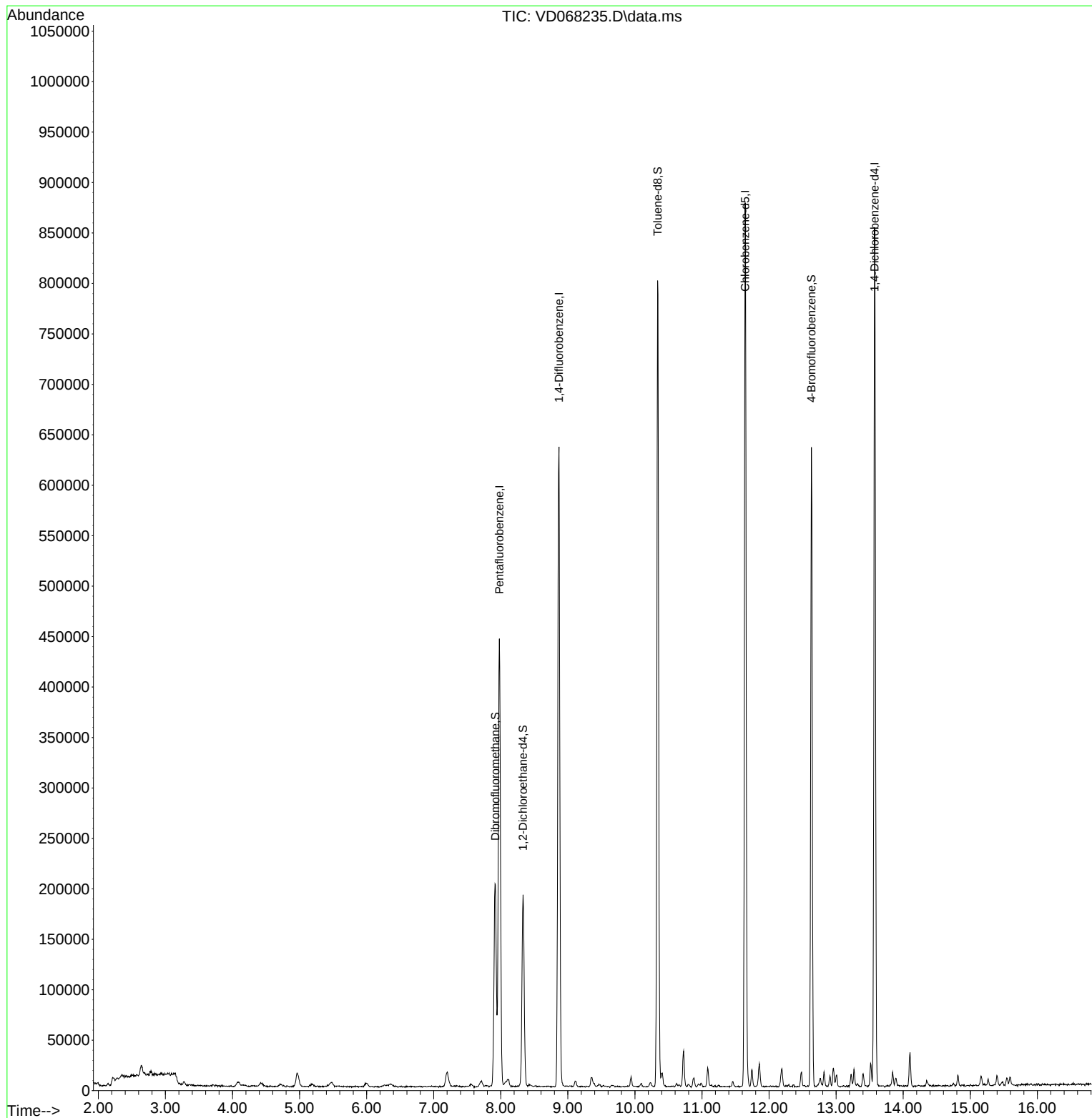
Target Compounds	Qvalue

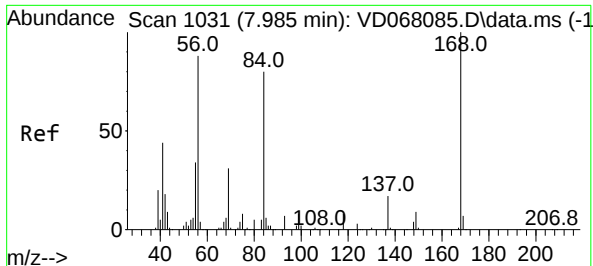
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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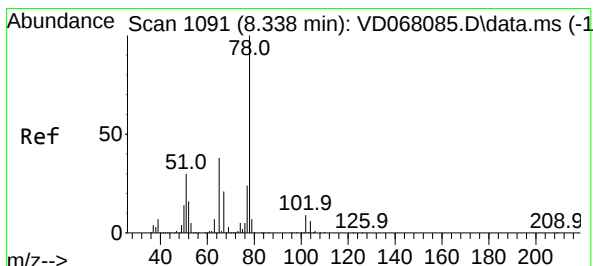
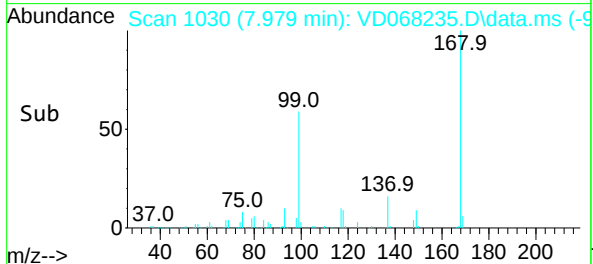
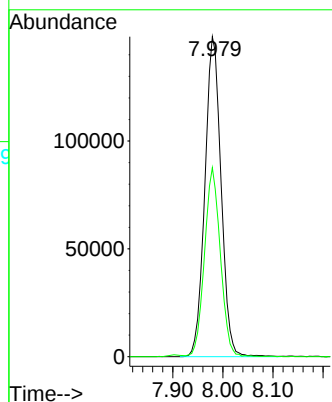
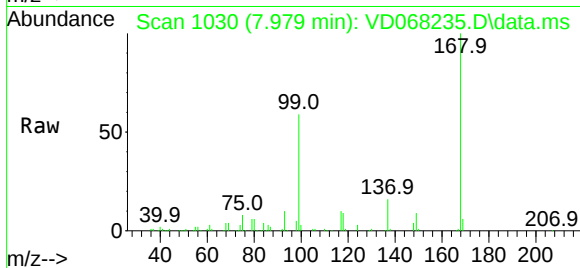




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

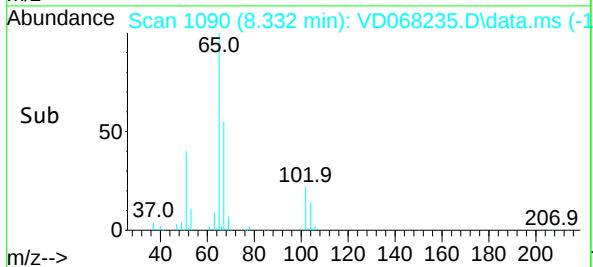
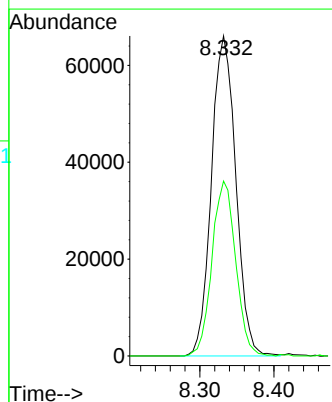
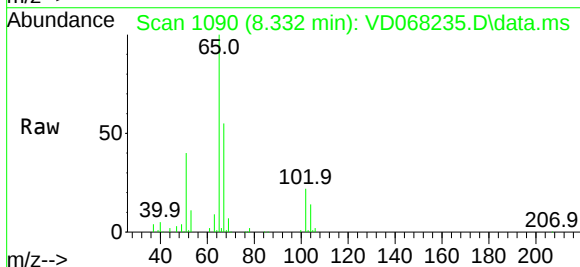
Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

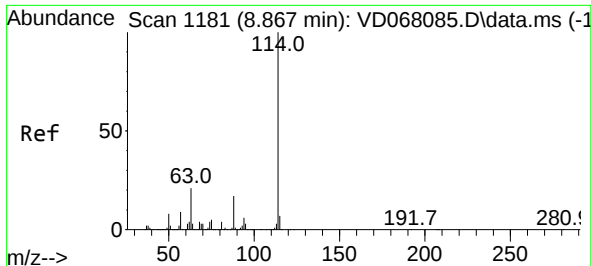
Tgt Ion:168 Resp: 333405
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 47.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

Tgt Ion: 65 Resp: 151249
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0

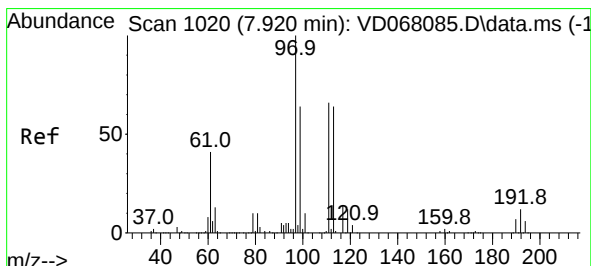
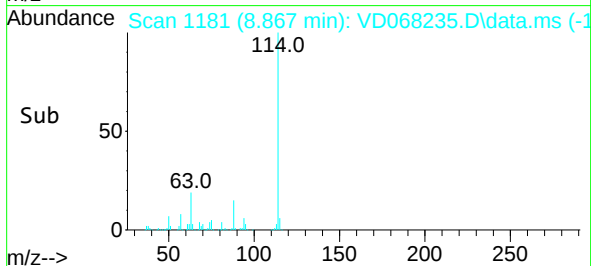
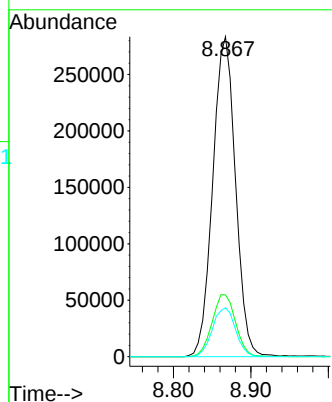
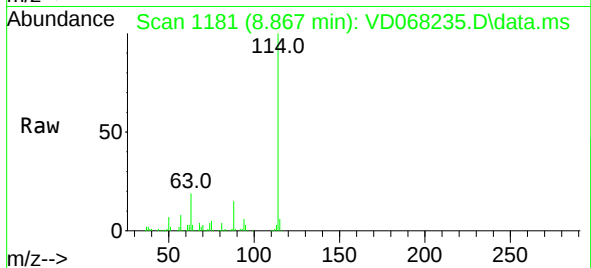




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

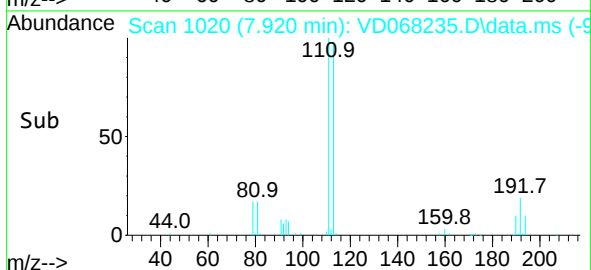
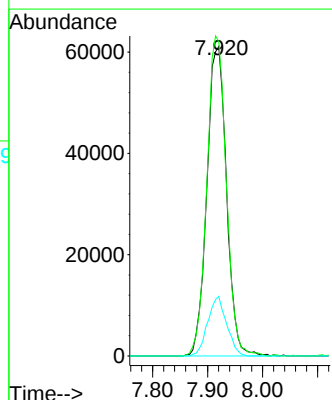
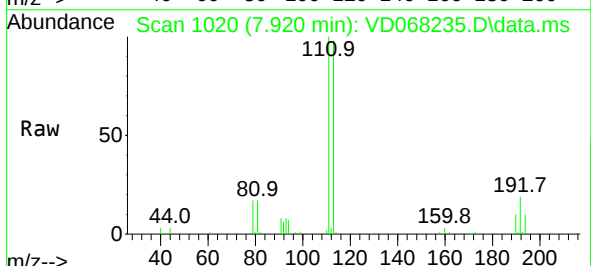
Instrument :
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VD0129SBL01

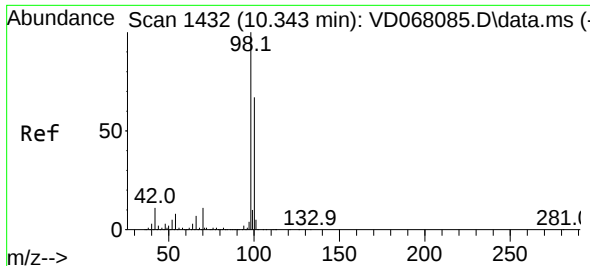
Tgt Ion:	114	Resp:	577190
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	34.8
88	15.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.63 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

Tgt Ion:	113	Resp:	151990
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.4	122.0
192	18.5	16.1	24.1

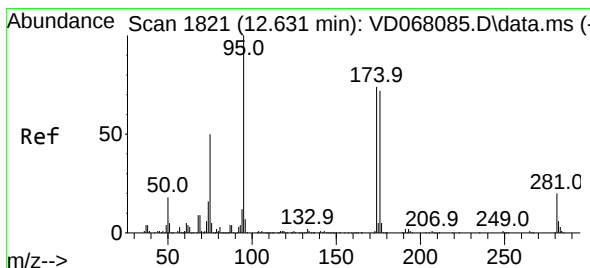
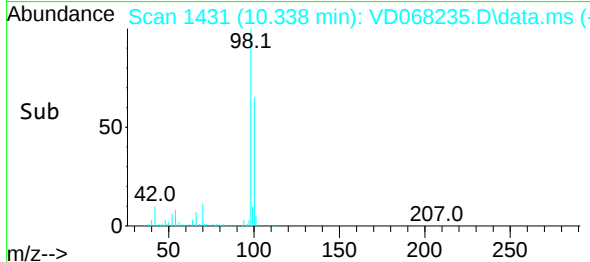
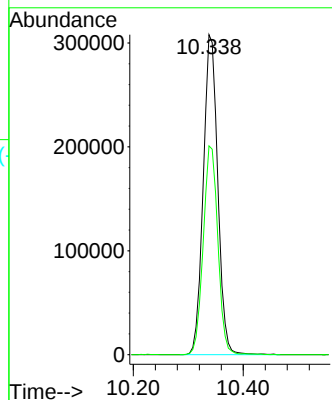
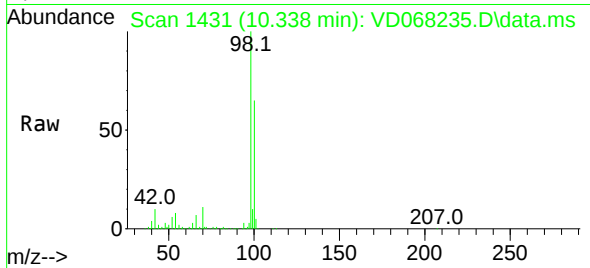




#50
Toluene-d8
Concen: 44.14 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

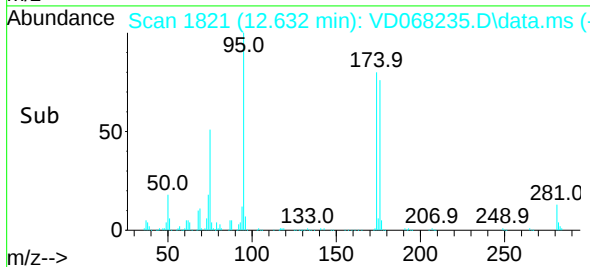
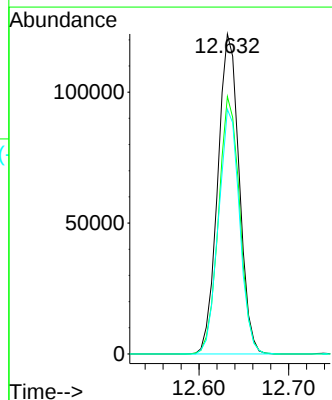
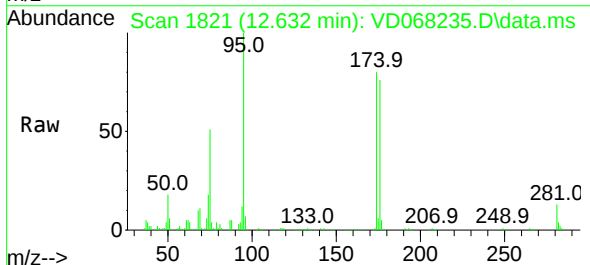
Instrument :
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VD0129SBL01

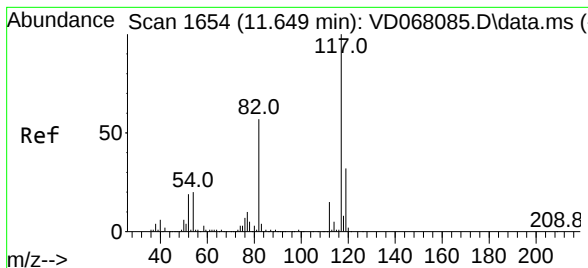
Tgt Ion: 98 Resp: 563471
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

Tgt Ion: 95 Resp: 202678
Ion Ratio Lower Upper
95 100
174 79.3 0.0 172.4
176 75.2 0.0 168.4

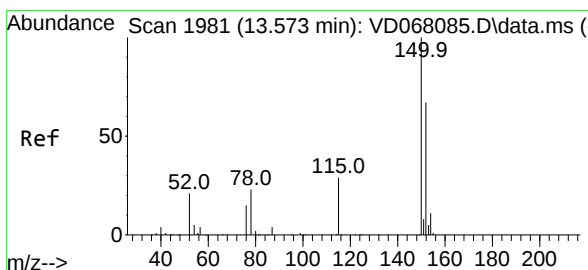
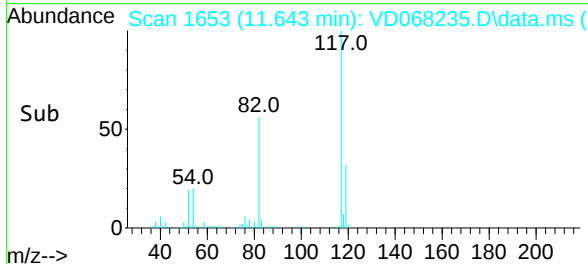
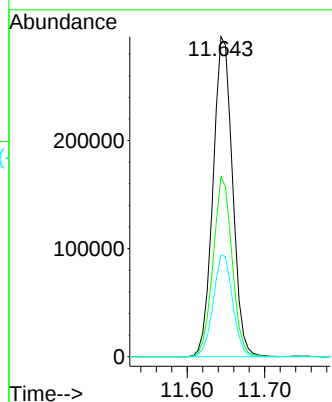
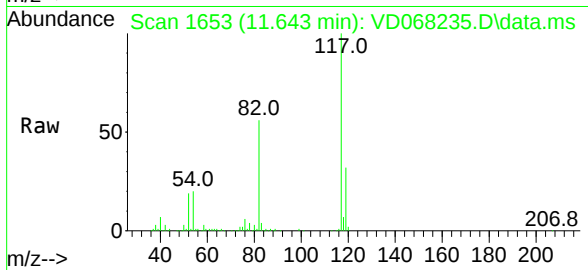




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

Instrument :
MSVOA_D
ClientSampleId :
VD0129SBL01

Tgt Ion:117 Resp: 518063
Ion Ratio Lower Upper
117 100
82 56.2 41.4 62.0
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068235.D
Acq: 29 Jan 2021 13:00

Tgt Ion:152 Resp: 229157
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.8
150 157.4 0.0 344.4

