

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031921\
 Data File : VD068668.D
 Acq On : 19 Mar 2021 18:15
 Operator : VA/SY
 Sample : VD0319SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0319SBL01

Quant Time: Mar 20 02:27:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	379317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	698935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	669924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	324074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	191781	50.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.28%
35) Dibromofluoromethane	7.914	113	215740	49.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.22%
50) Toluene-d8	10.337	98	856042	51.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.12%
62) 4-Bromofluorobenzene	12.631	95	297894	54.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.60%

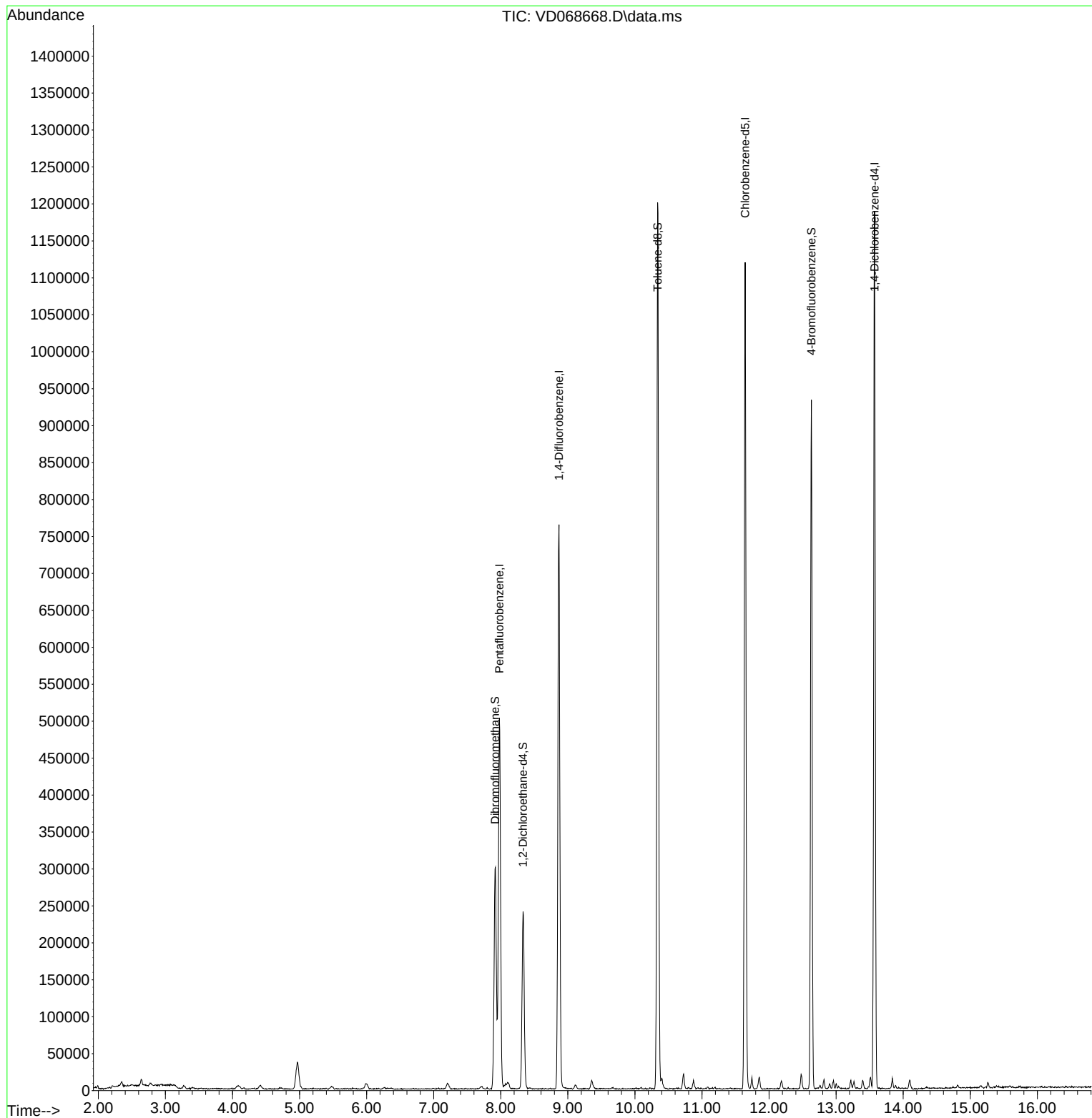
Target Compounds	Qvalue

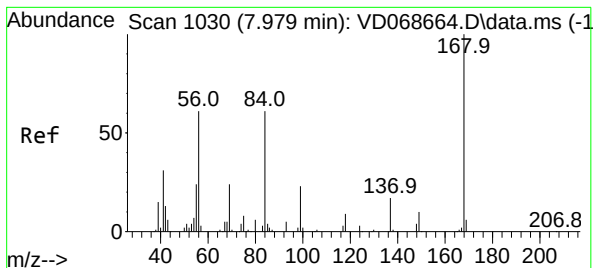
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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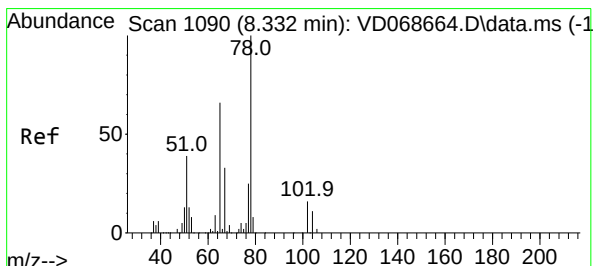
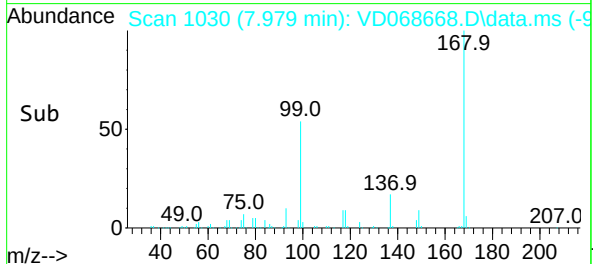
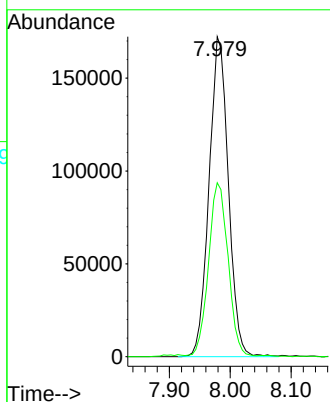
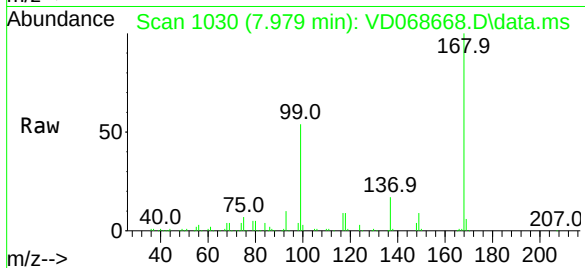




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

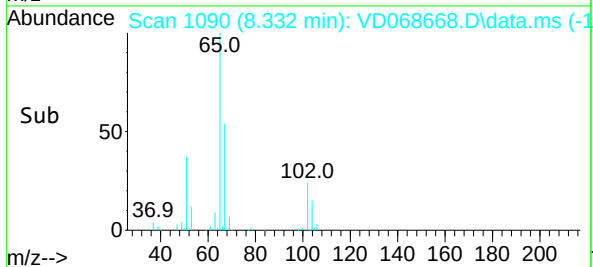
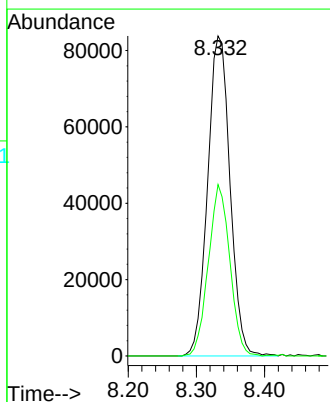
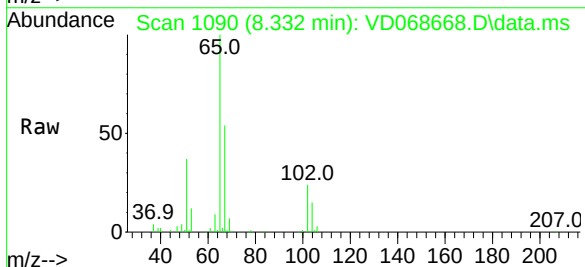
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

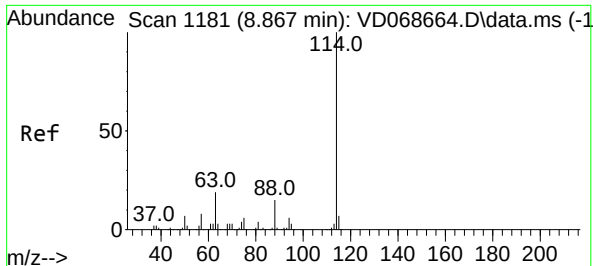
Tgt Ion:168 Resp: 379317
Ion Ratio Lower Upper
168 100
99 54.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 50.14 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

Tgt Ion: 65 Resp: 191781
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0

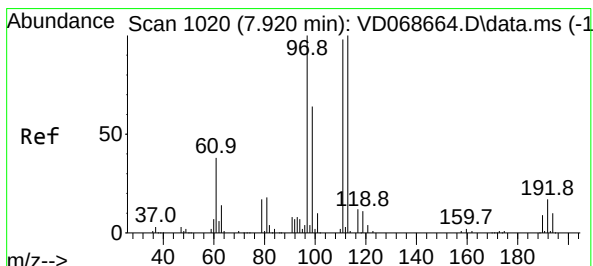
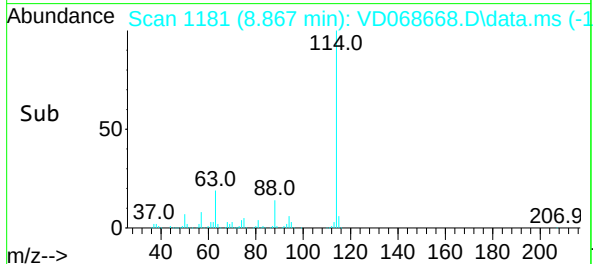
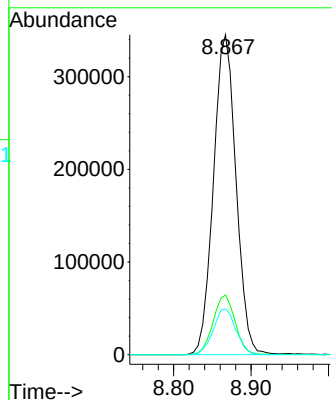
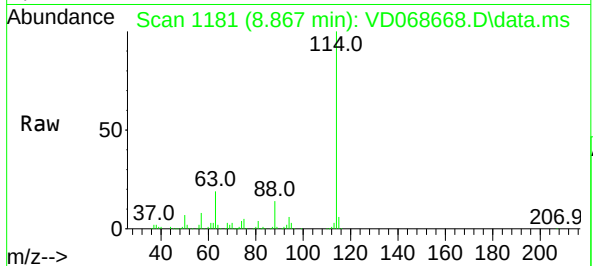




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

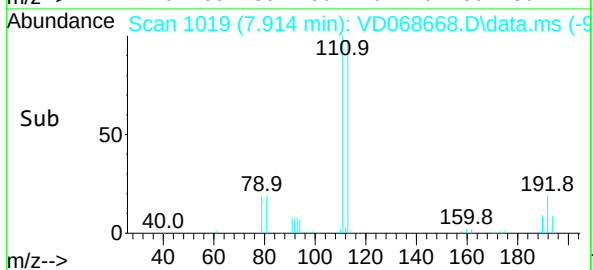
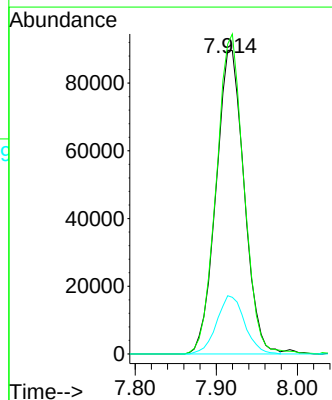
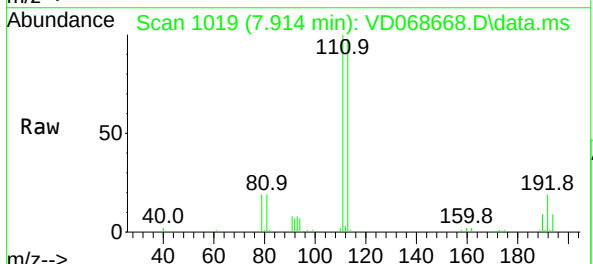
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

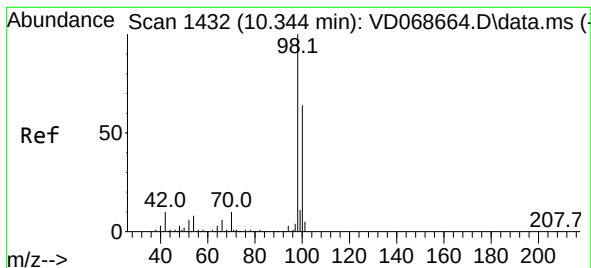
Tgt Ion:	114	Resp:	698935
Ion Ratio	Lower	Upper	
114	100		
63	18.7	0.0	38.2
88	14.3	0.0	29.4



#35
Dibromofluoromethane
Concen: 49.61 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

Tgt Ion:	113	Resp:	215740
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.5	123.7
192	19.0	15.1	22.7

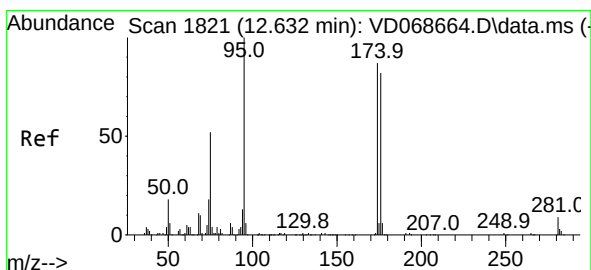
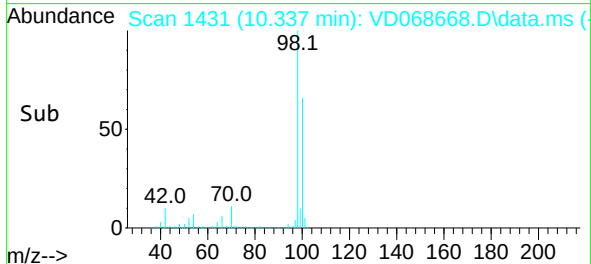
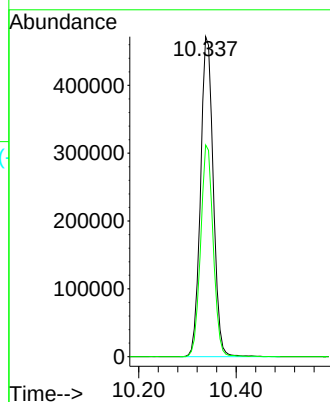
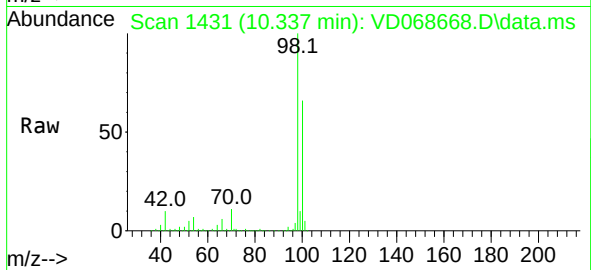




#50
Toluene-d8
Concen: 51.06 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

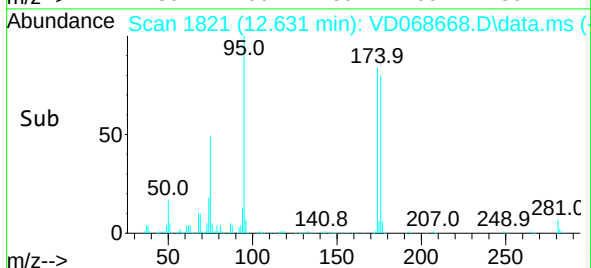
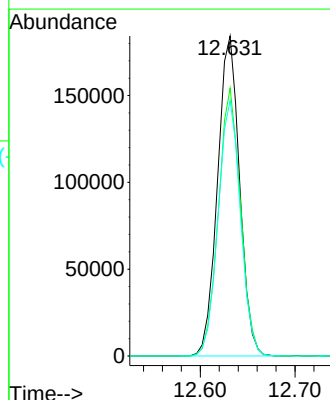
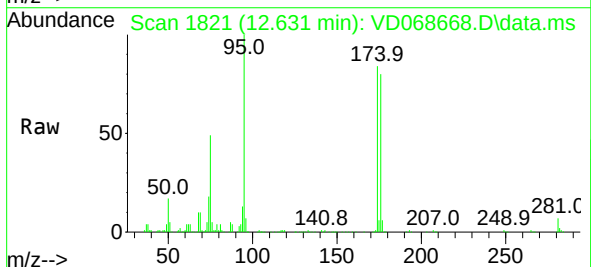
Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

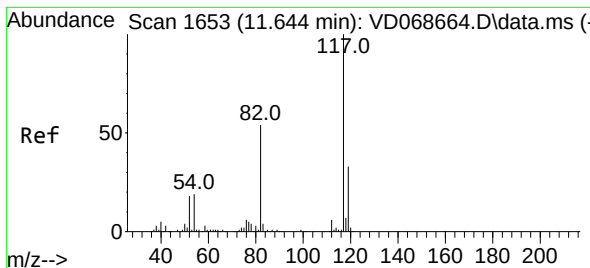
Tgt Ion: 98 Resp: 856042
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.80 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

Tgt Ion: 95 Resp: 297894
Ion Ratio Lower Upper
95 100
174 84.0 0.0 168.0
176 80.7 0.0 160.2

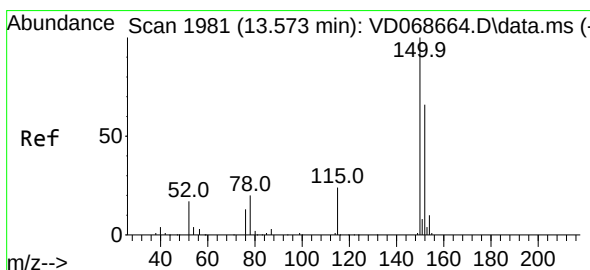
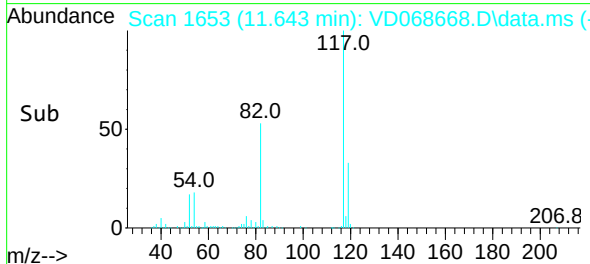
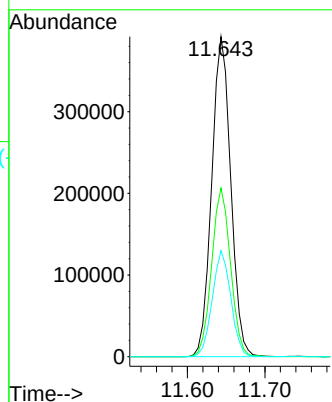
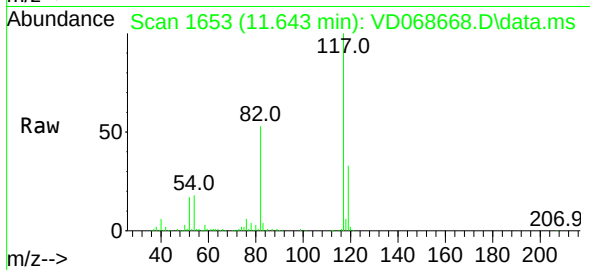




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068668.D
Acq: 19 Mar 2021 18:15

Instrument :
MSVOA_D
ClientSampleId :
VD0319SBL01

Tgt Ion:117 Resp: 669924
Ion Ratio Lower Upper
117 100
82 52.7 43.5 65.3
119 33.2 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: VD068668.D
Acq: 19 Mar 2021 18:15

Tgt Ion:152 Resp: 324074
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.8
150 157.2 0.0 347.6

