

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069154.D
 Acq On : 13 May 2021 13:47
 Operator : VA/SY
 Sample : M2371-01
 Misc : 5.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206

Quant Time: May 14 01:21:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	204927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	385987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	364286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	143140	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135470	65.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.88%
35) Dibromofluoromethane	7.914	113	140325	55.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.72%
50) Toluene-d8	10.338	98	480916	52.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.22%
62) 4-Bromofluorobenzene	12.632	95	156797	52.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.60%

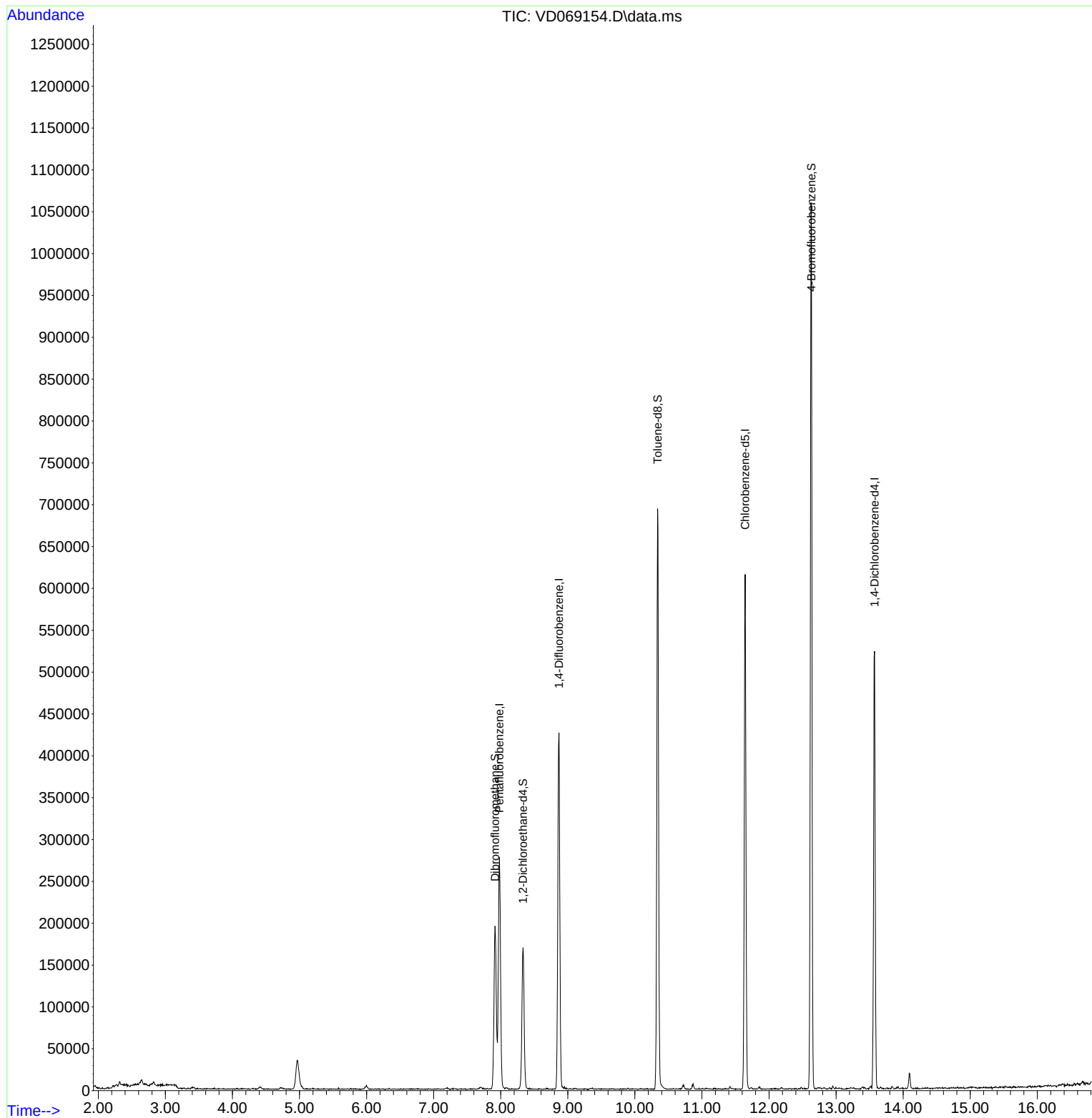
Target Compounds	Qvalue

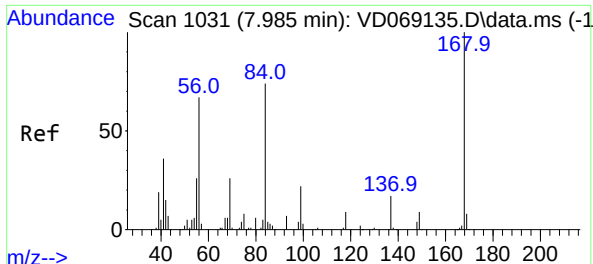
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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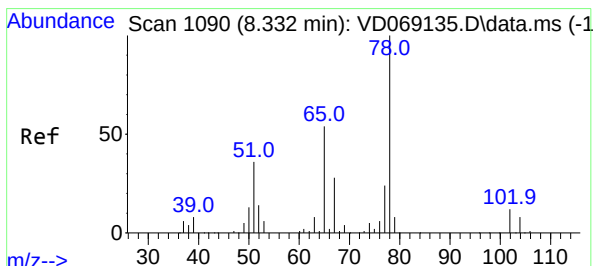
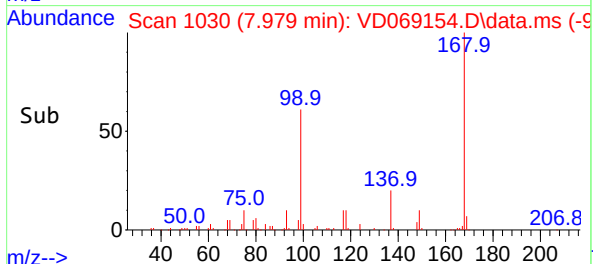
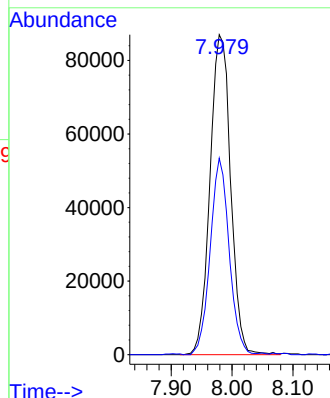
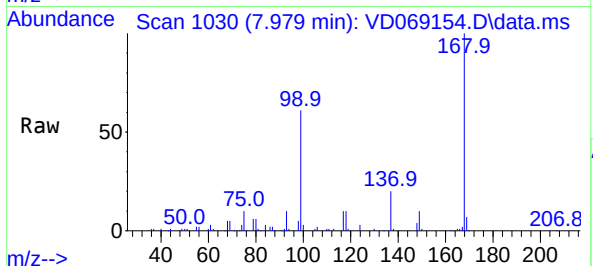




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069154.D
 Acq: 13 May 2021 13:47

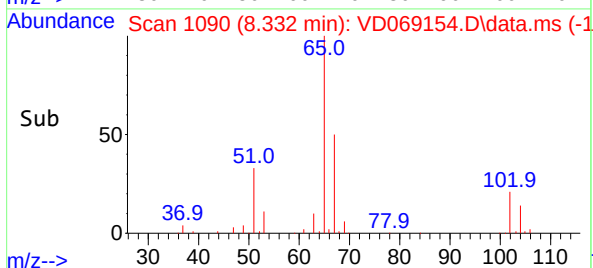
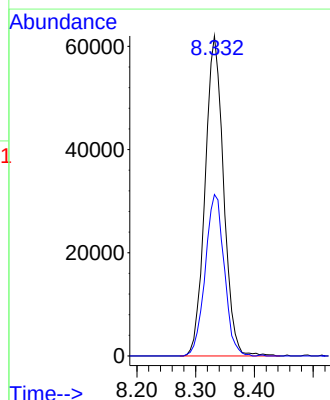
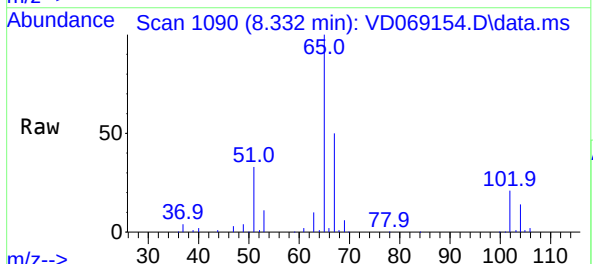
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206

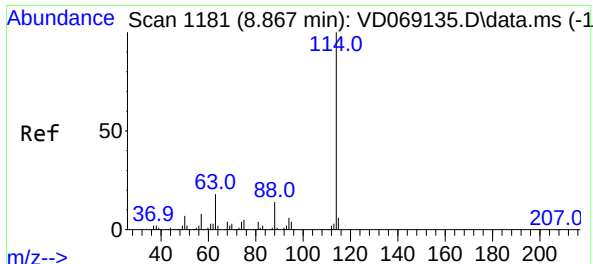
Tgt Ion:168 Resp: 204927
 Ion Ratio Lower Upper
 168 100
 99 61.1 47.2 70.8



1,2-Dichloroethane-d4
 Concen: 65.94 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069154.D
 Acq: 13 May 2021 13:47

Tgt Ion: 65 Resp: 135470
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 108.0



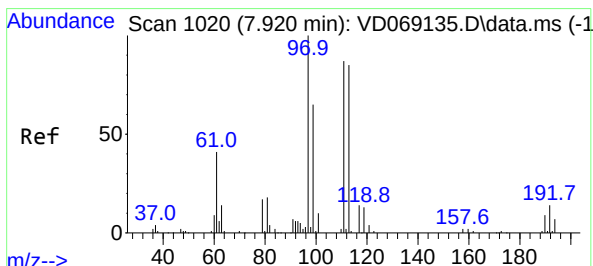
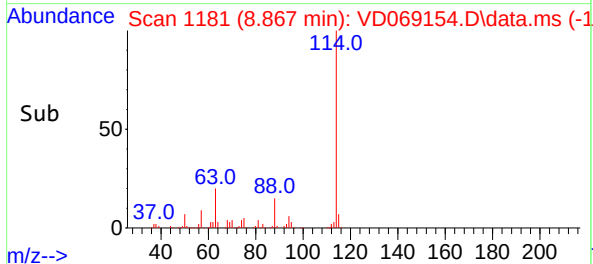
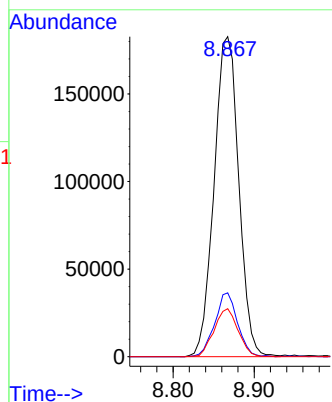
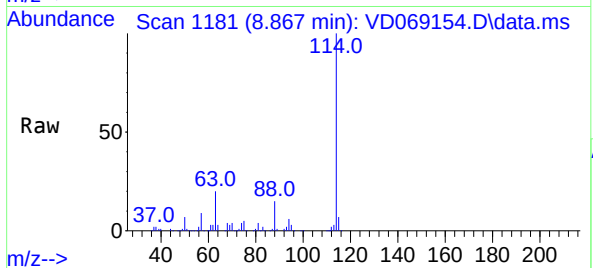


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

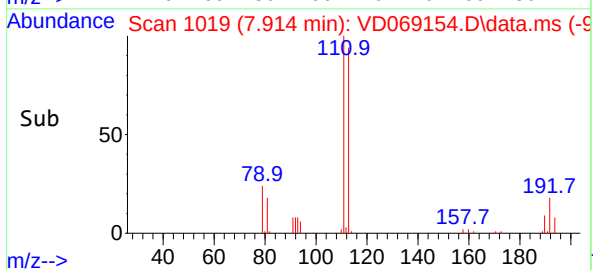
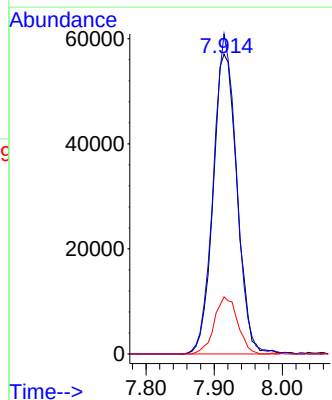
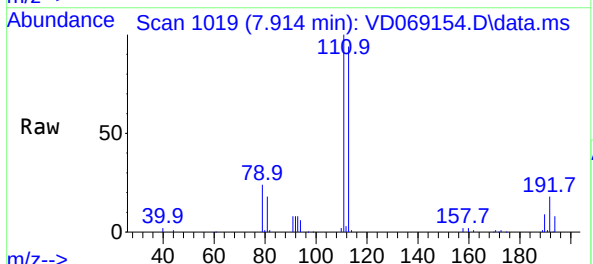
Tgt Ion:	114	Resp:	385987
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	36.4
88	15.0	0.0	28.2

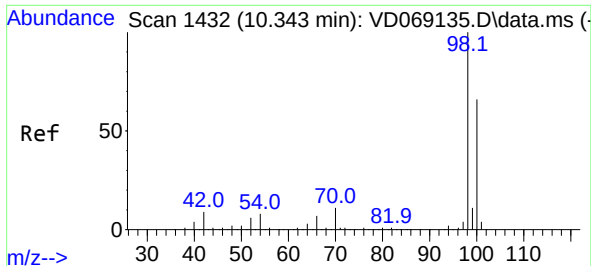


#35

Dibromofluoromethane
Concen: 55.86 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

Tgt Ion:	113	Resp:	140325
Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.6	120.8
192	18.5	14.8	22.2

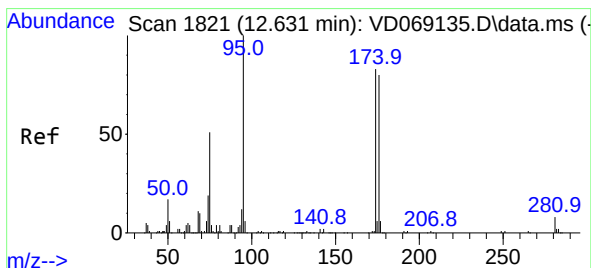
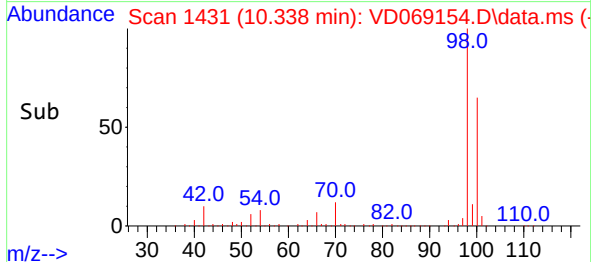
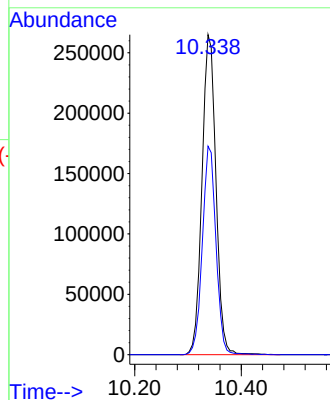
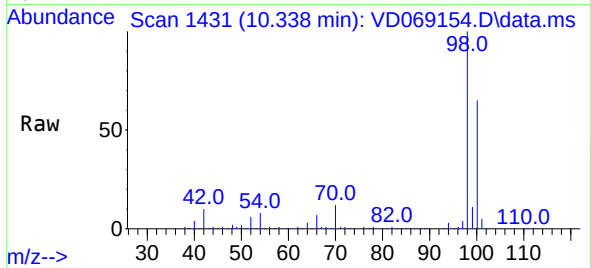




#50
Toluene-d8
Concen: 52.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

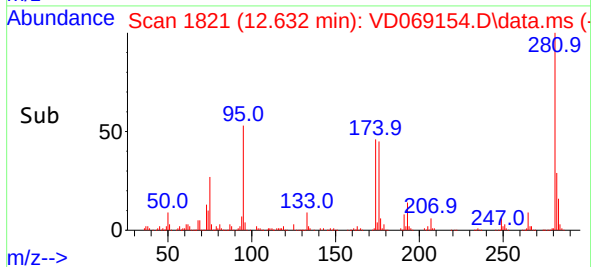
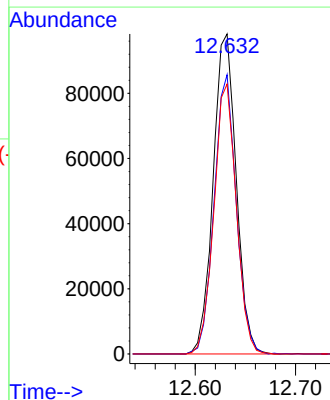
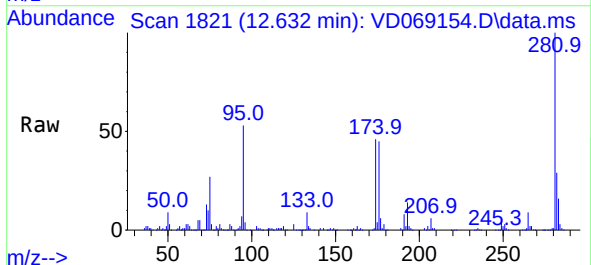
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

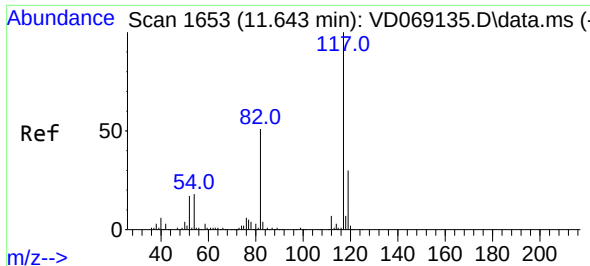
Tgt Ion: 98 Resp: 480916
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 52.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

Tgt Ion: 95 Resp: 156797
Ion Ratio Lower Upper
95 100
174 83.8 0.0 171.8
176 82.0 0.0 165.4

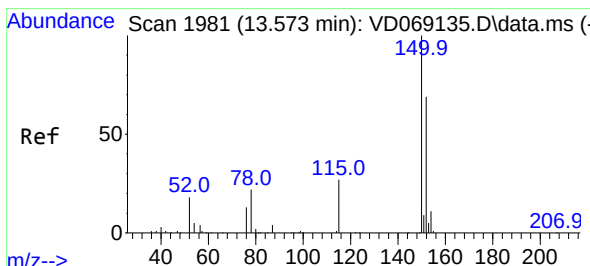
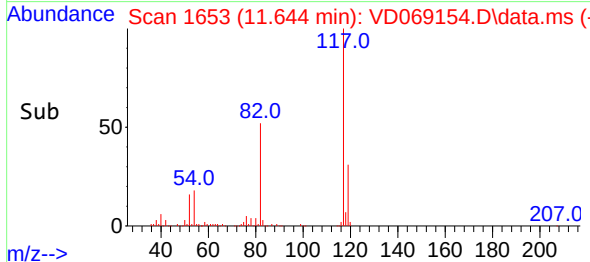
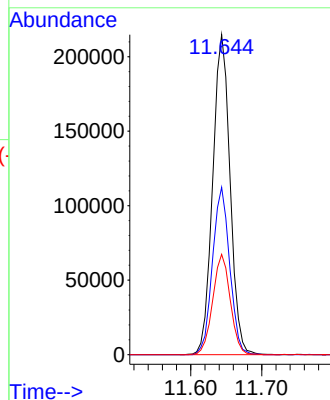
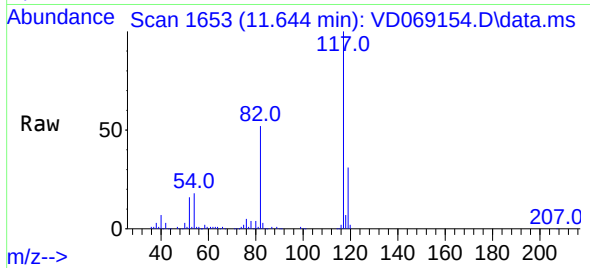




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tgt Ion:	117	Resp:	364286
Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.5	60.7
119	31.3	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069154.D
Acq: 13 May 2021 13:47

Tgt Ion:	152	Resp:	143140
Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.9	89.8
150	157.0	0.0	350.2

