

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070257.D
 Acq On : 25 Aug 2021 18:03
 Operator : VA/SY
 Sample : M3538-02
 Misc : 5.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-210

Quant Time: Aug 26 02:46:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	468123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	921251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	951025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	323184	58.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.400%
35) Dibromofluoromethane	7.908	113	321651	54.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.080%
50) Toluene-d8	10.338	98	1209775	52.259	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.626	95	404687	53.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.140%

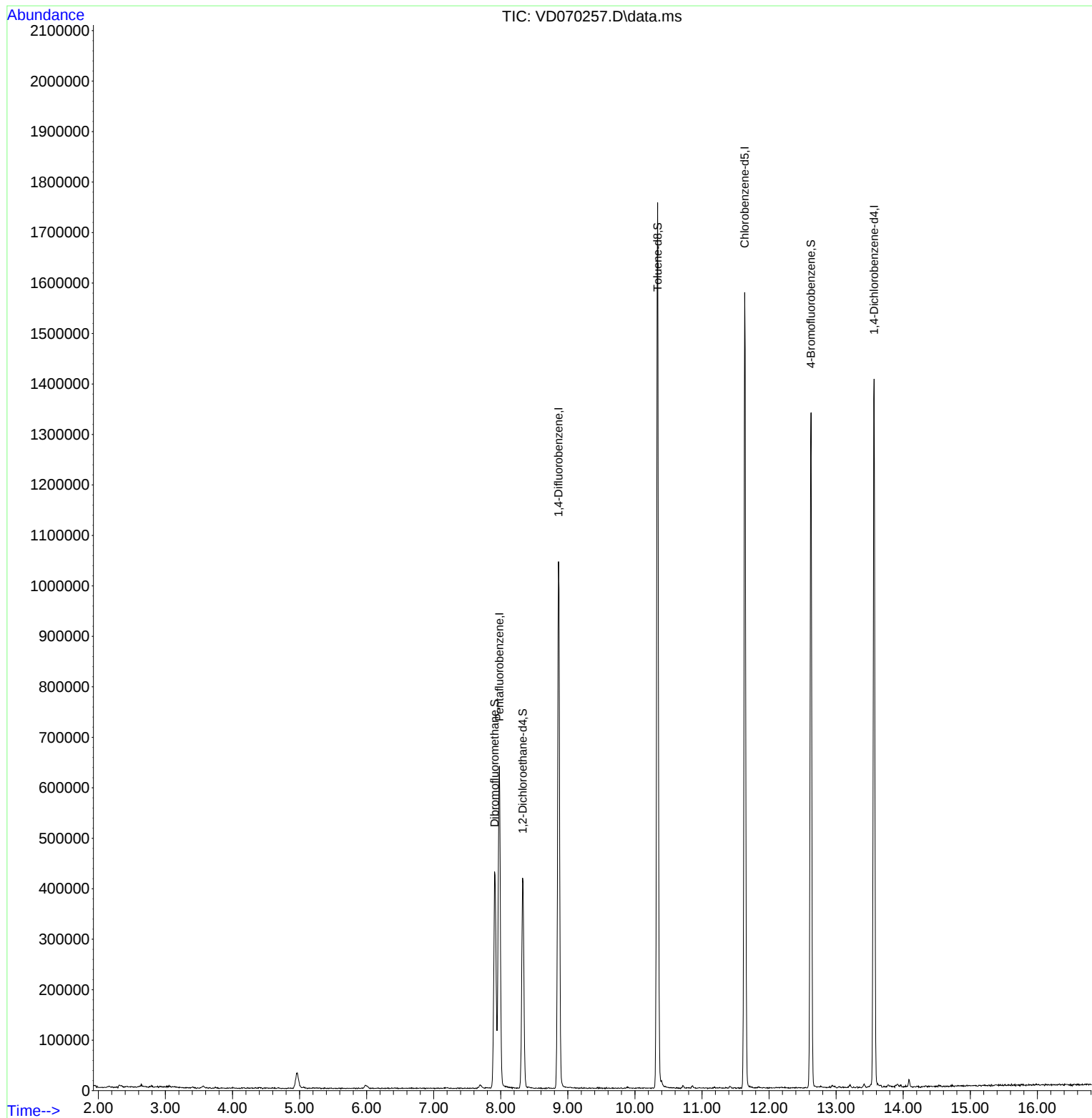
Target Compounds	Qvalue

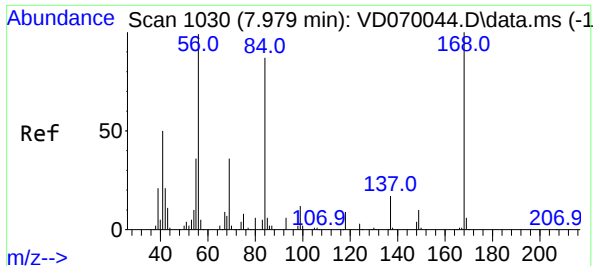
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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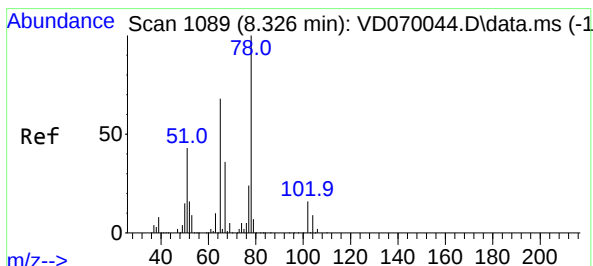
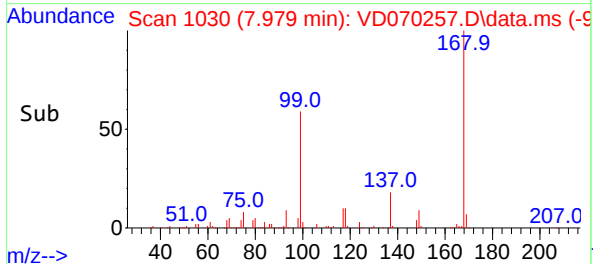
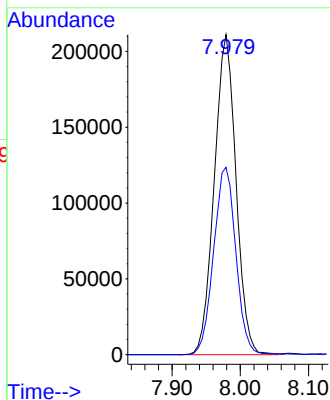
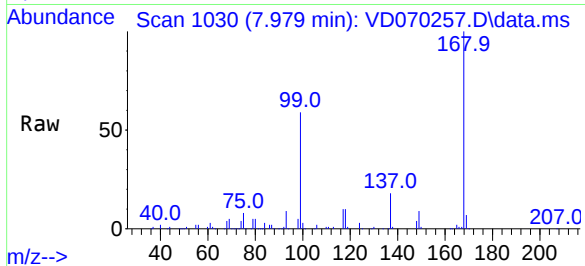




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

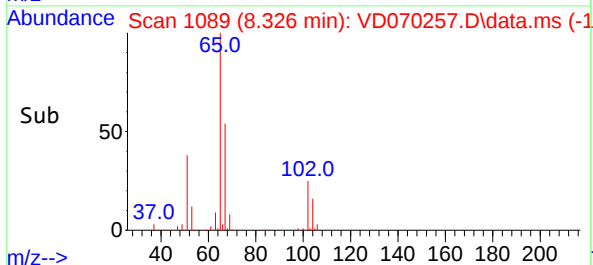
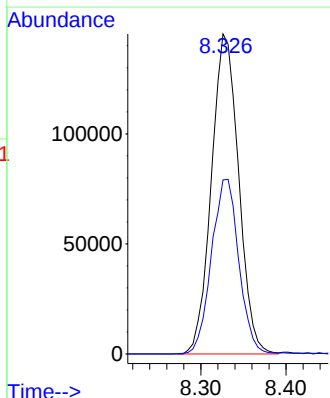
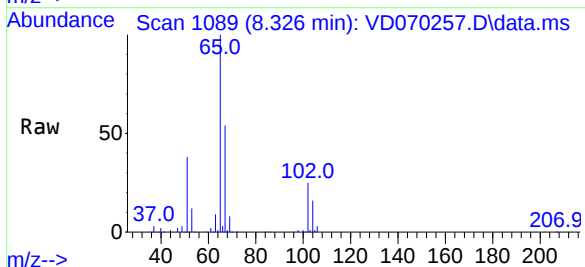
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

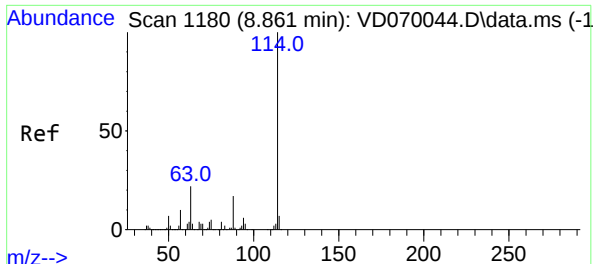
Tgt Ion:168 Resp: 468123
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 58.698 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 65 Resp: 323184
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8

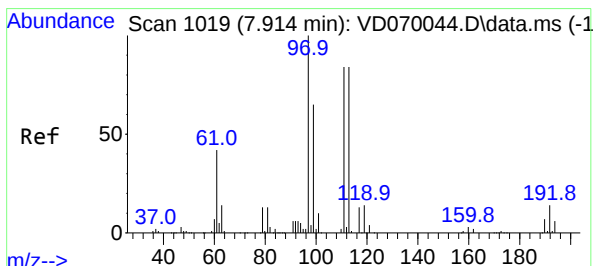
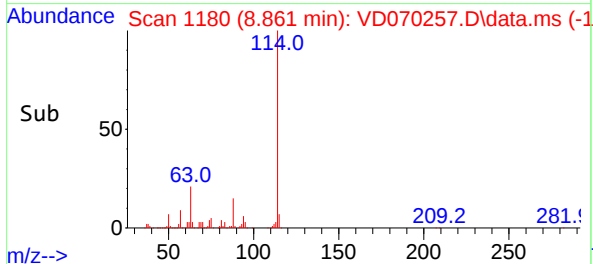
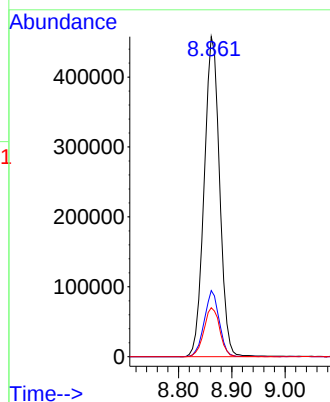
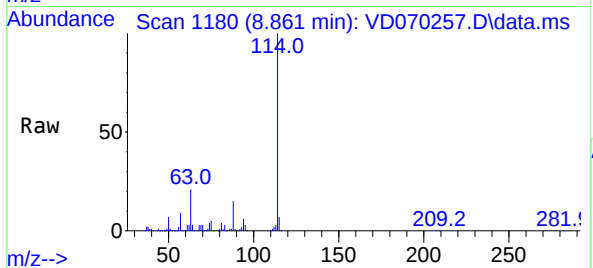




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

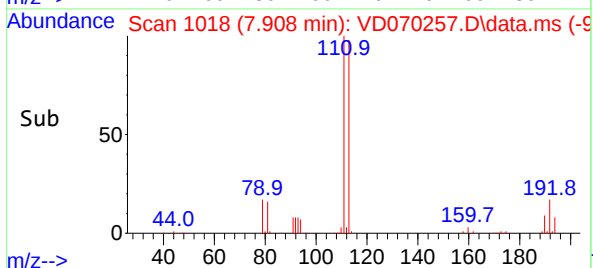
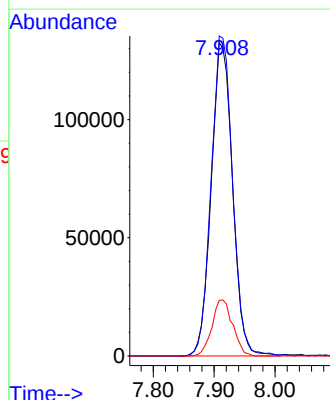
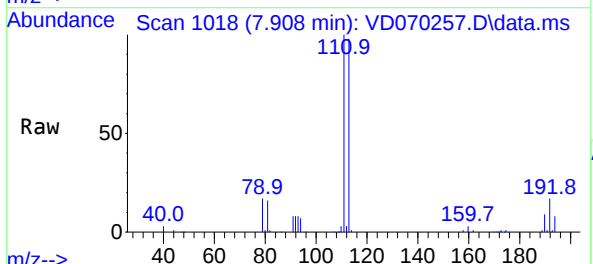
Instrument :
MSVOA_D
ClientSampled :
VNJ-210

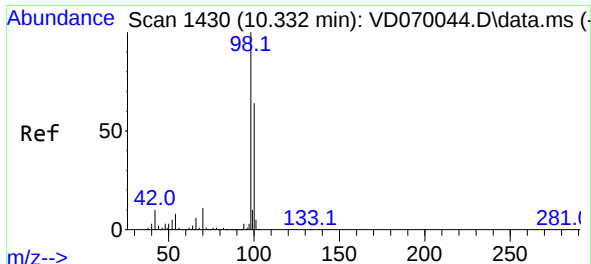
Tgt Ion:	114	Resp:	921251
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.6
88	15.3	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.042 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion:	113	Resp:	321651
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	17.4	13.2	19.8

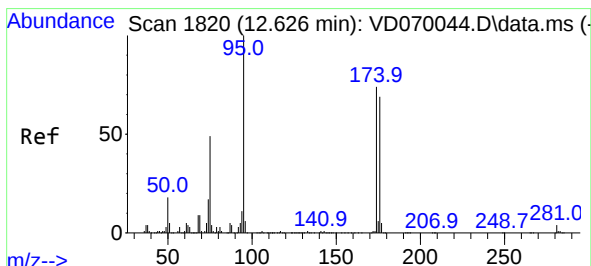
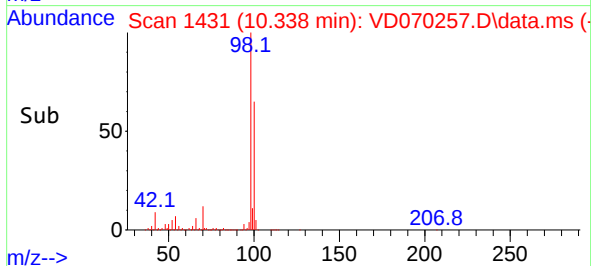
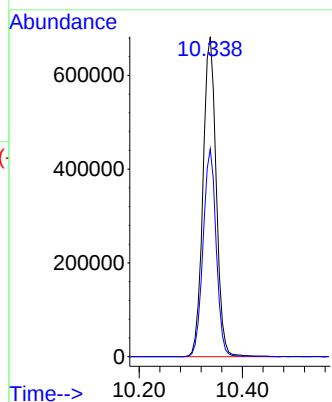
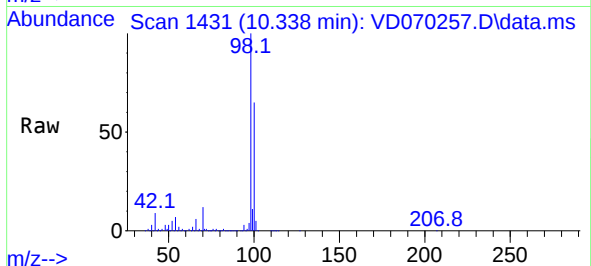




#50
Toluene-d8
Concen: 52.259 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

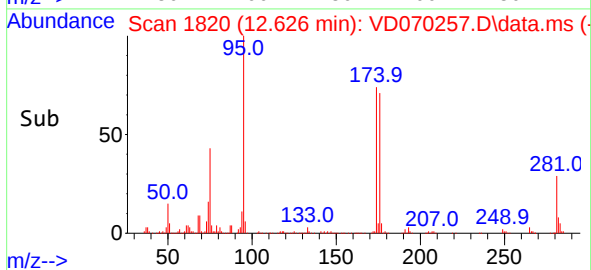
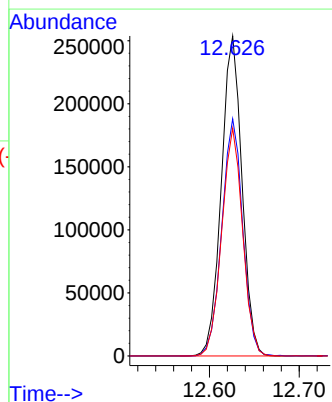
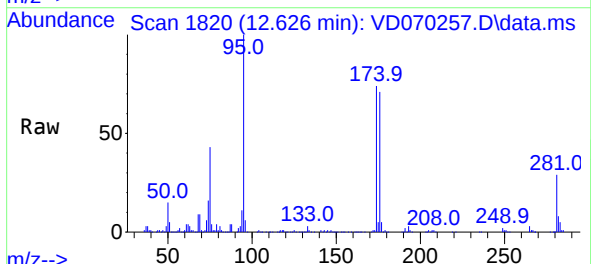
Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

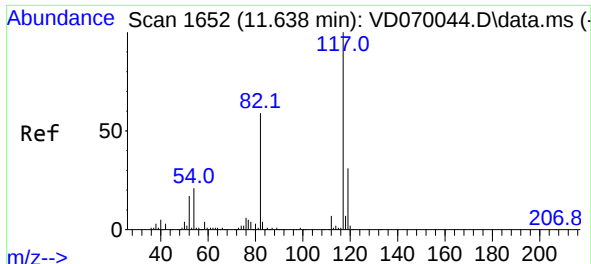
Tgt Ion: 98 Resp: 1209775
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.075 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion: 95 Resp: 404687
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.6
176 71.9 0.0 138.2

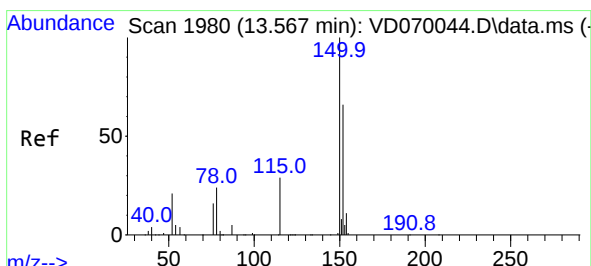
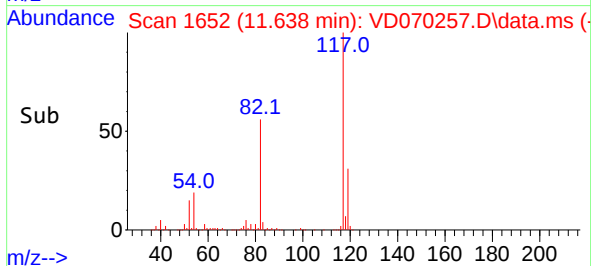
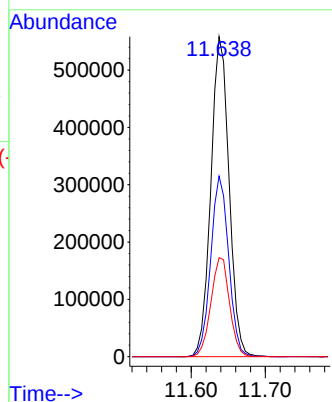
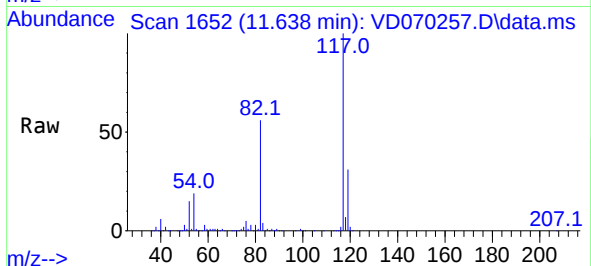




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Instrument :
MSVOA_D
ClientSampleId :
VNJ-210

Tgt Ion:	117	Resp:	951025
Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.5	71.3
119	30.9	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070257.D
Acq: 25 Aug 2021 18:03

Tgt Ion:	152	Resp:	393861
Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.2	93.6
150	155.8	0.0	352.0

