

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069734.D
 Acq On : 16 Jul 2021 19:28
 Operator : VA/SY
 Sample : M3032-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-071421

Quant Time: Jul 17 00:56:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	112278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	203451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	260913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	126259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	98283	70.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.220%
35) Dibromofluoromethane	7.908	113	78129	57.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.480%
50) Toluene-d8	10.338	98	272111	51.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.626	95	116135	65.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.340%

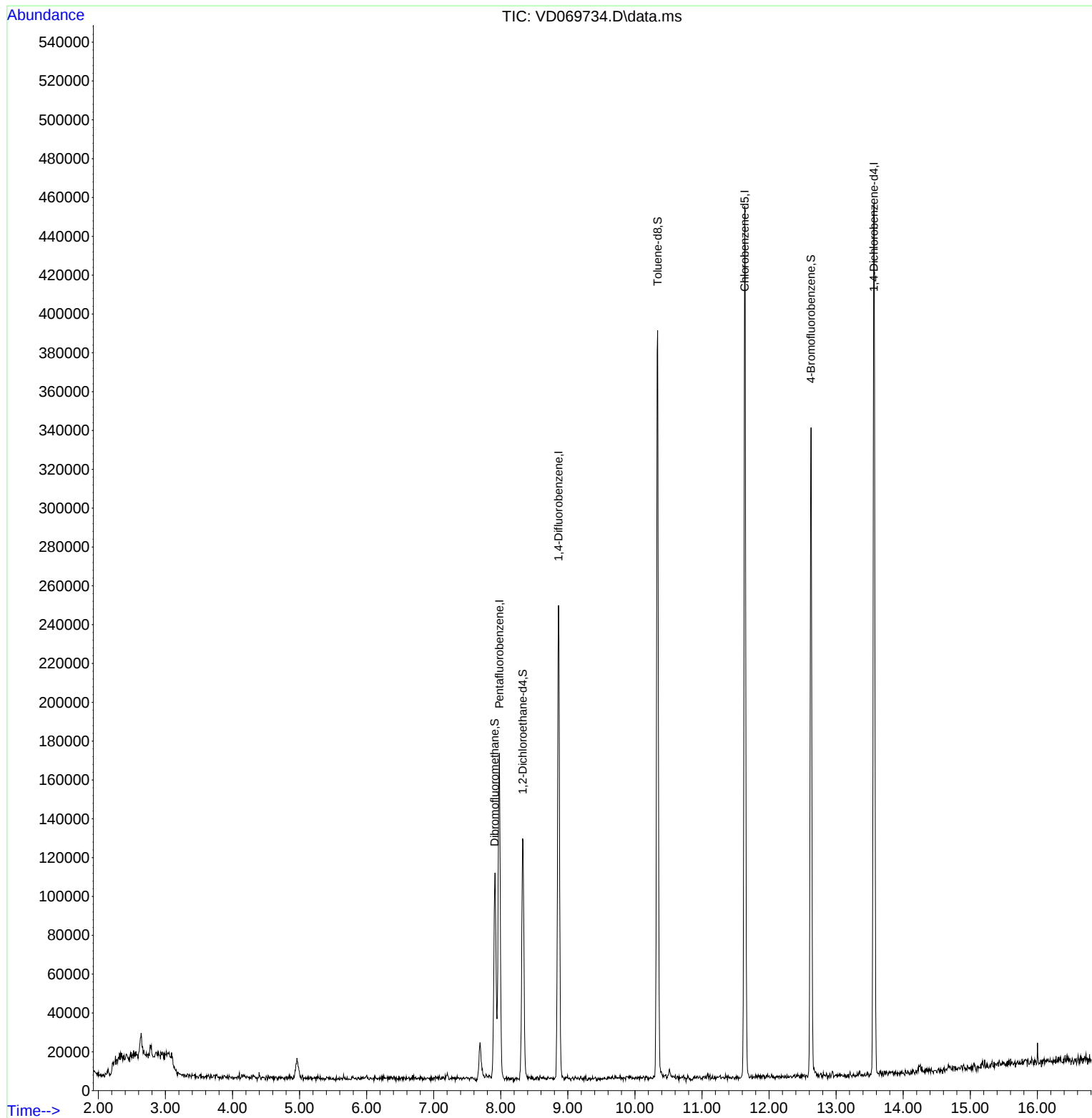
Target Compounds	Qvalue

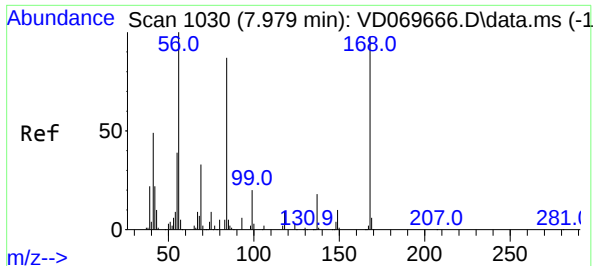
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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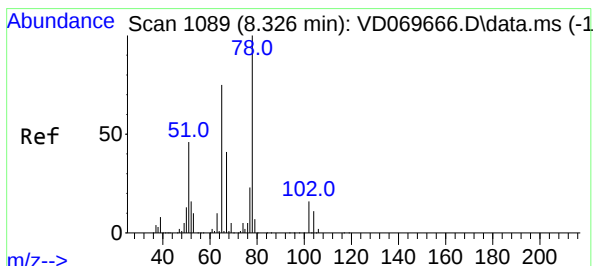
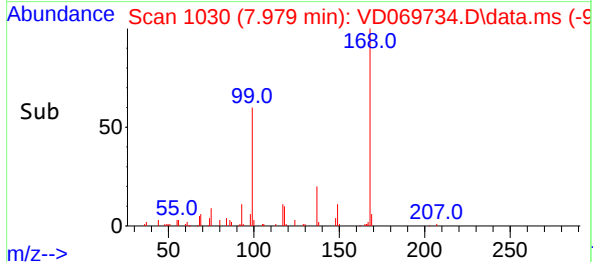
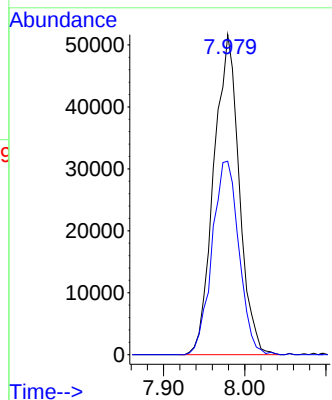
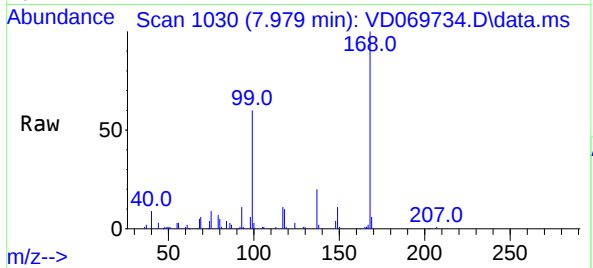




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

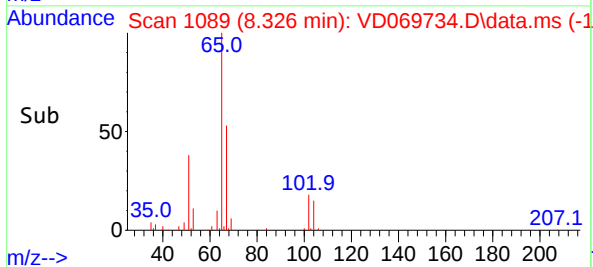
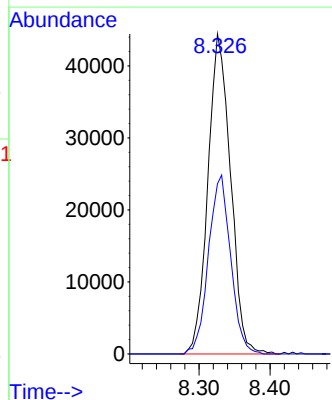
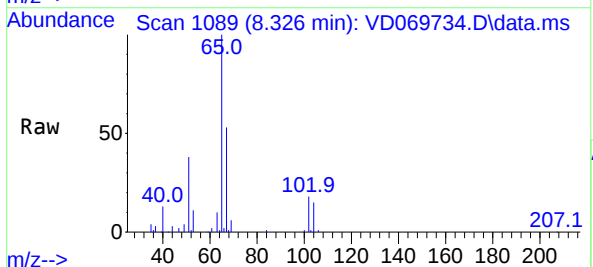
Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

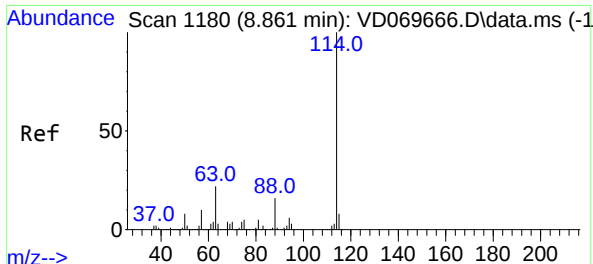
Tgt Ion:168 Resp: 112278
Ion Ratio Lower Upper
168 100
99 60.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 70.105 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Tgt Ion: 65 Resp: 98283
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2



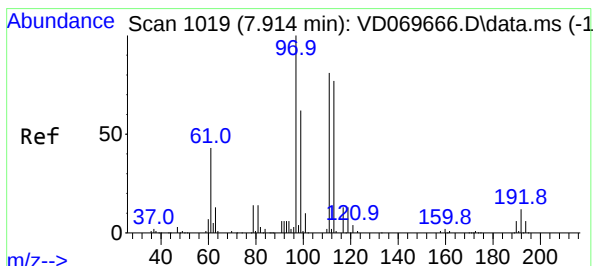
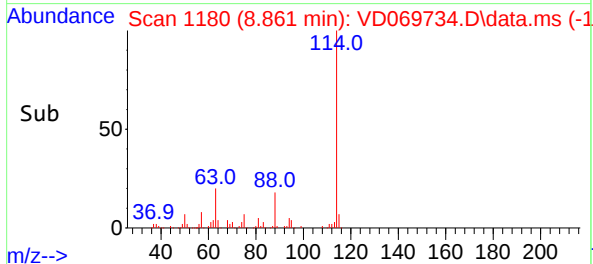
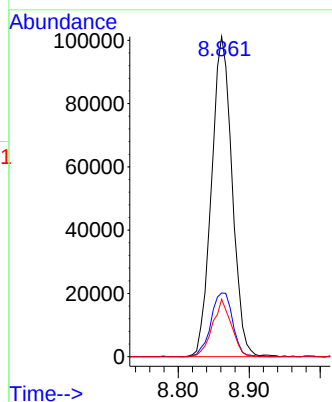
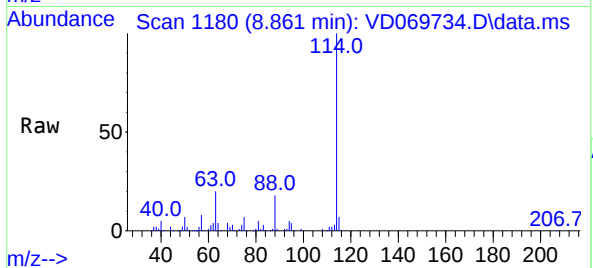


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Instrument :
MSVOA_D
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NB-07-071421

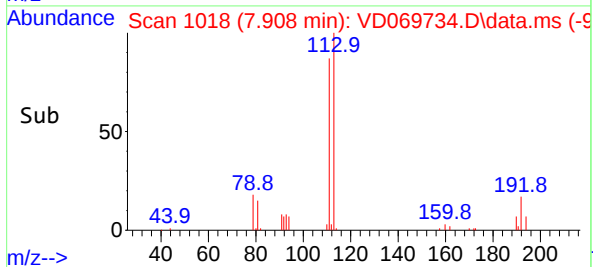
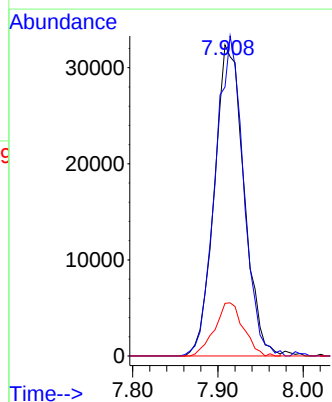
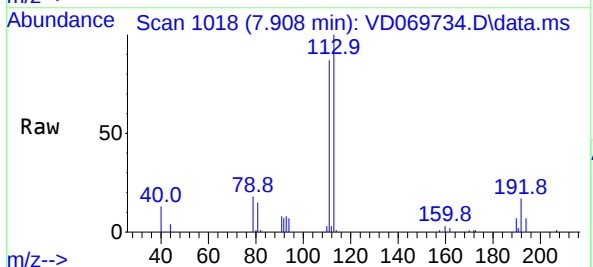
Tgt Ion:	114	Resp:	203451
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.4
88	17.9	0.0	32.0

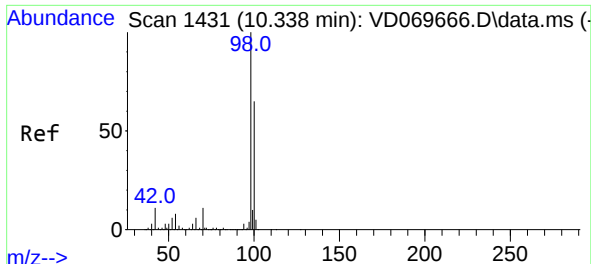


#35

Dibromofluoromethane
Concen: 57.241 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Tgt Ion:	113	Resp:	78129
Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.6	123.8
192	16.6	12.7	19.1

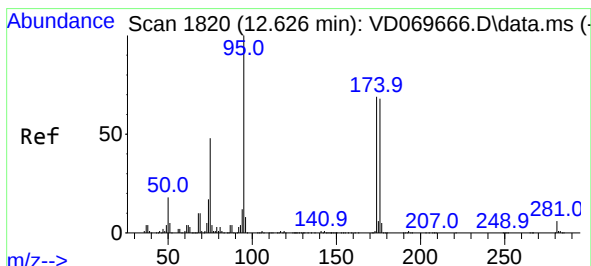
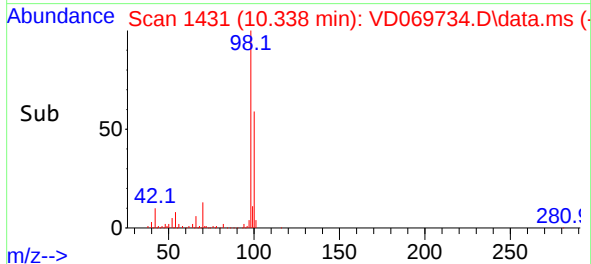
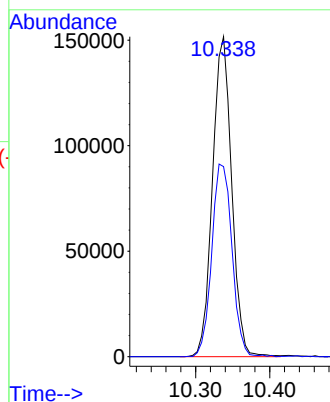
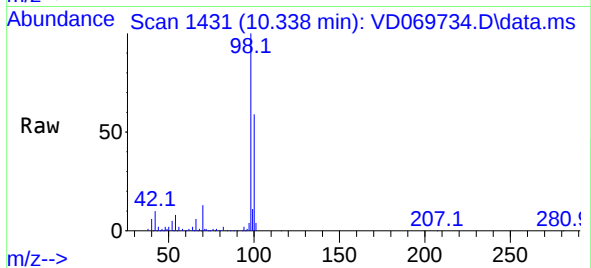




#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

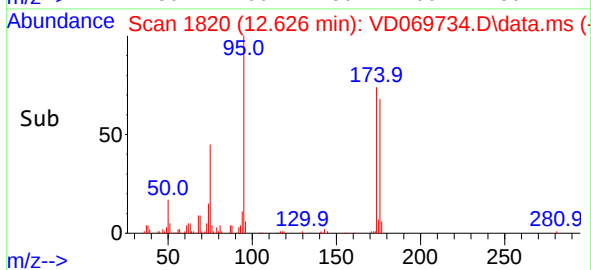
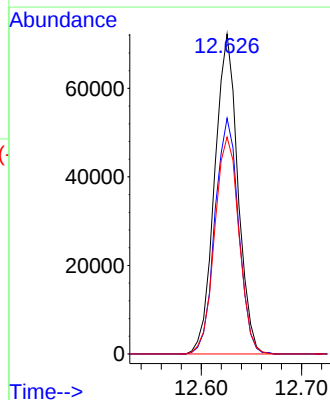
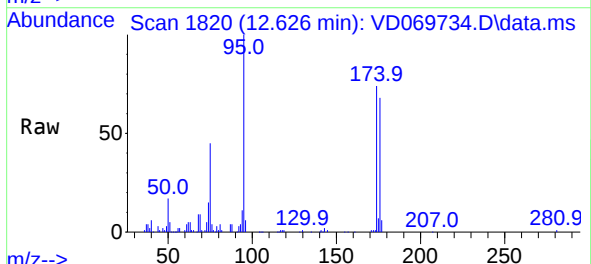
Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

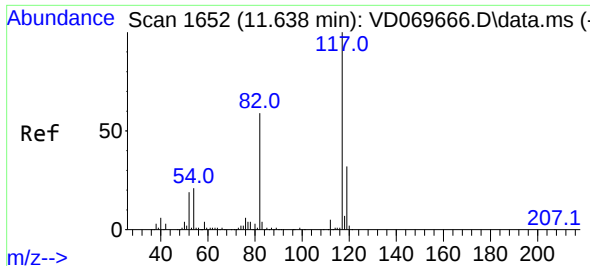
Tgt Ion: 98 Resp: 272111
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 65.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Tgt Ion: 95 Resp: 116135
Ion Ratio Lower Upper
95 100
174 74.8 0.0 140.0
176 71.0 0.0 136.2

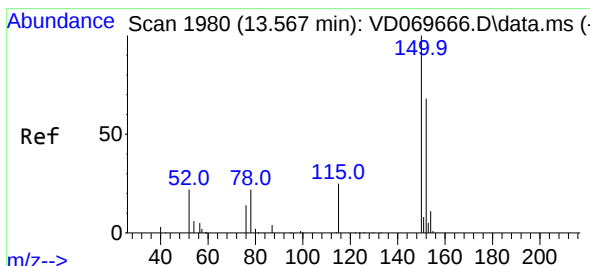
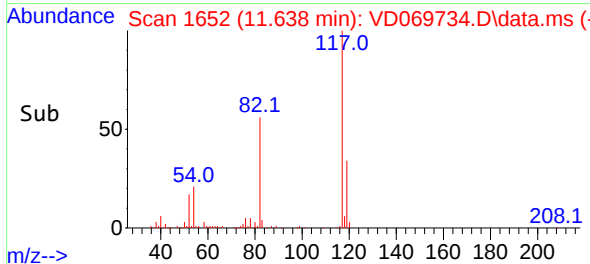
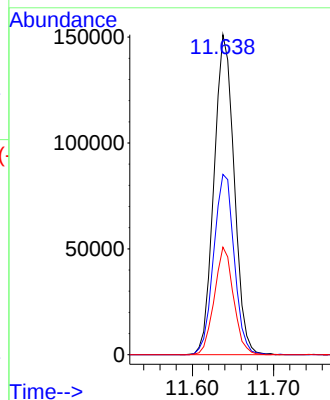
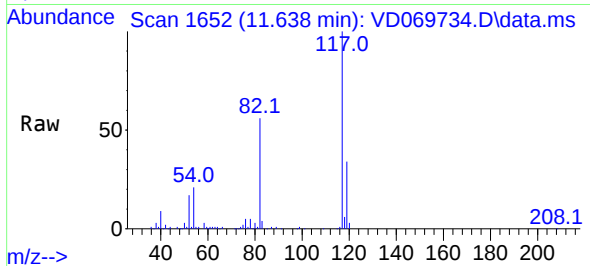




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

Tgt Ion:	117	Resp:	260913
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.4	71.2
119	33.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069734.D
Acq: 16 Jul 2021 19:28

Tgt Ion:	152	Resp:	126259
Ion	Ratio	Lower	Upper
152	100		
115	57.8	31.7	95.1
150	158.3	0.0	350.4

