

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070810.D
 Acq On : 21 Oct 2021 19:42
 Operator : VA/SY
 Sample : M4298-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-102021

Quant Time: Oct 22 06:17:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	20848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	34803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	35493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	15563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21005	85.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.120%#
35) Dibromofluoromethane	7.909	113	12261	55.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.040%
50) Toluene-d8	10.332	98	44151	51.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.626	95	14738	50.105	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.220%

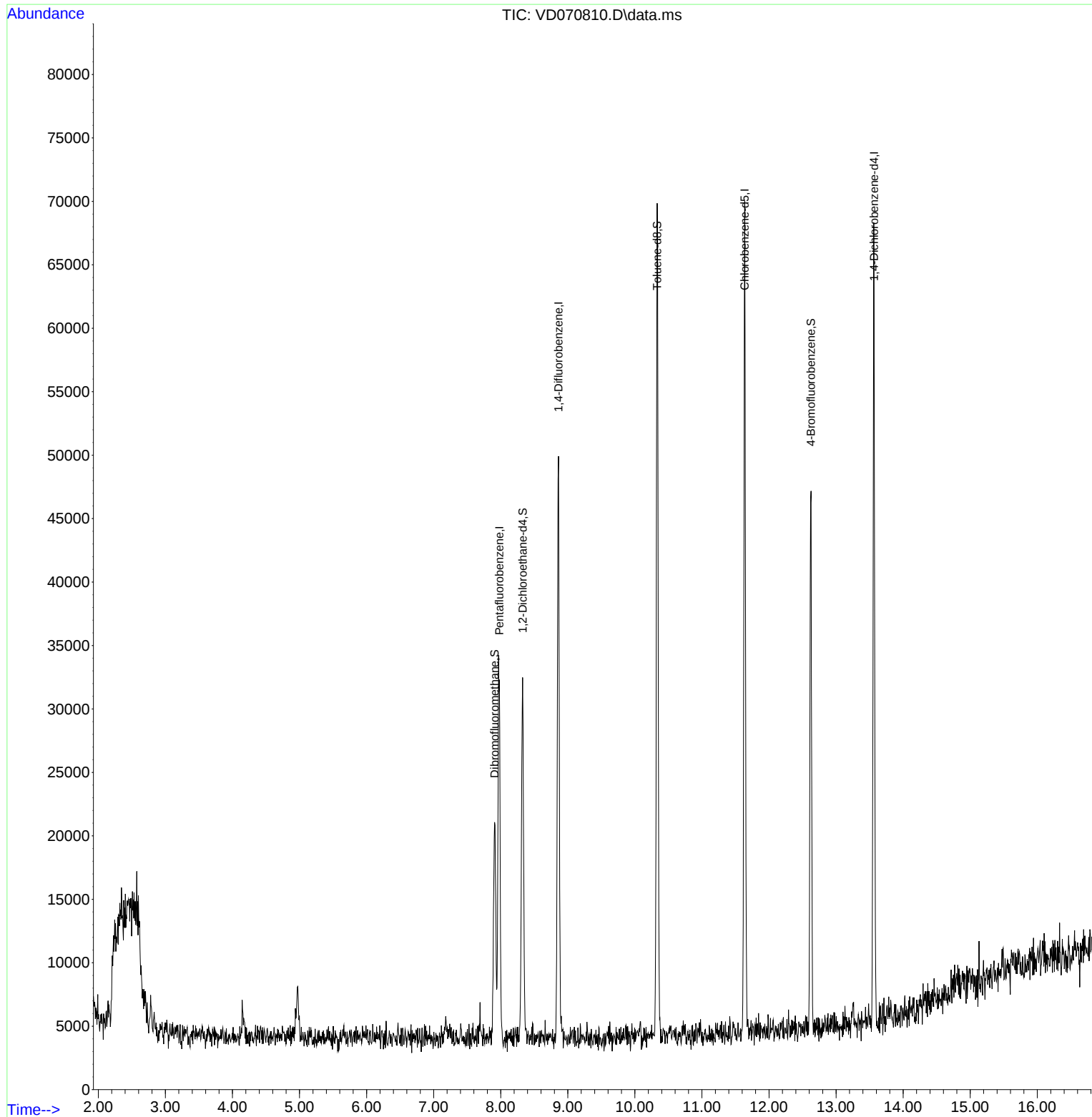
Target Compounds	Qvalue

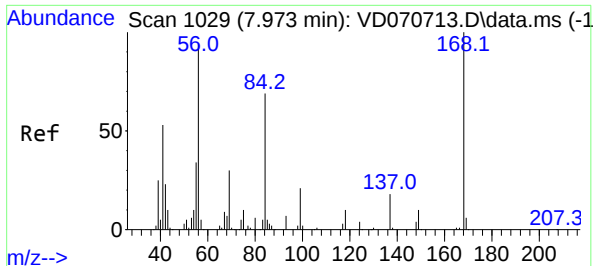
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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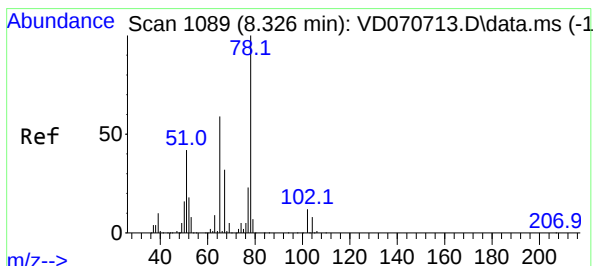
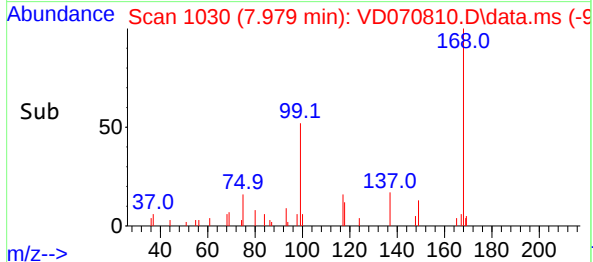
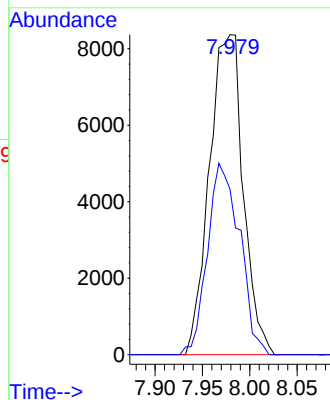
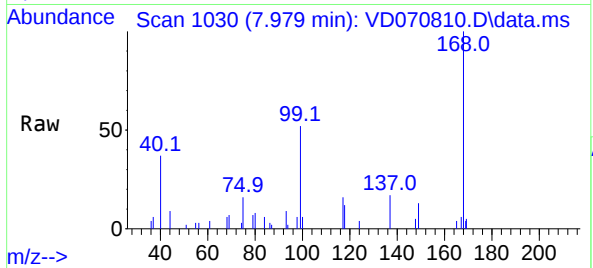




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

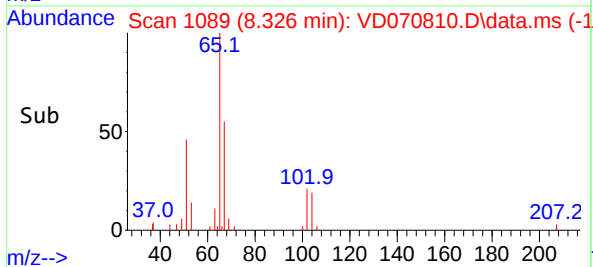
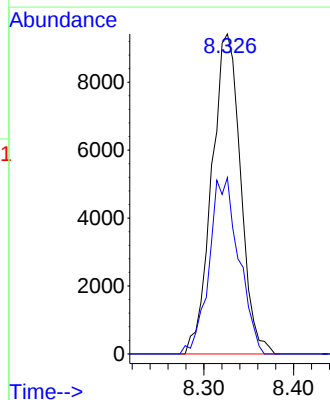
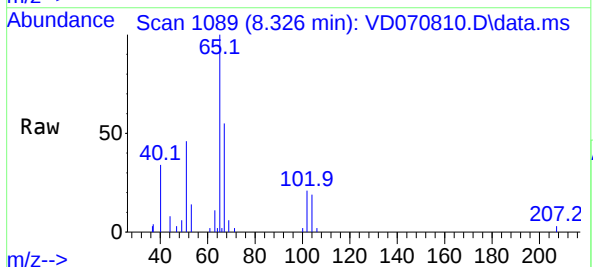
Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021

Tgt Ion:168 Resp: 20848
Ion Ratio Lower Upper
168 100
99 51.8 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 85.065 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

Tgt Ion: 65 Resp: 21005
Ion Ratio Lower Upper
65 100
67 56.7 0.0 110.2

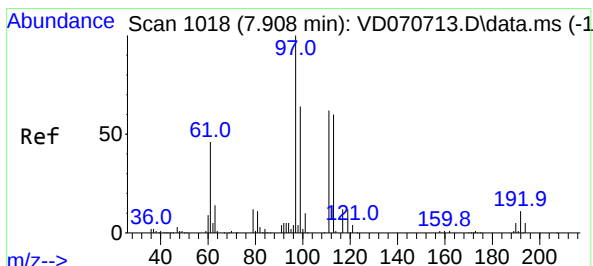
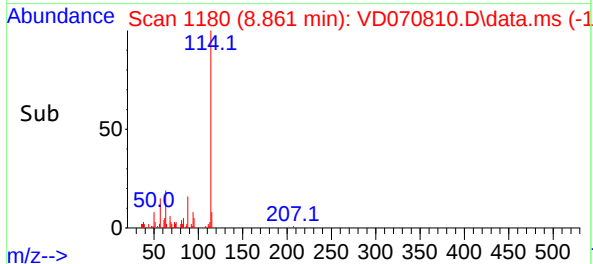
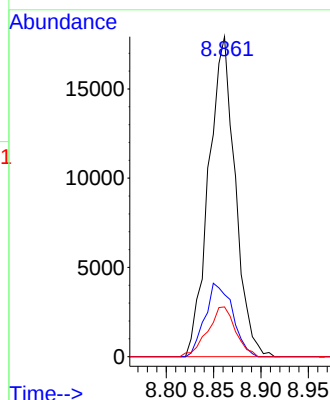
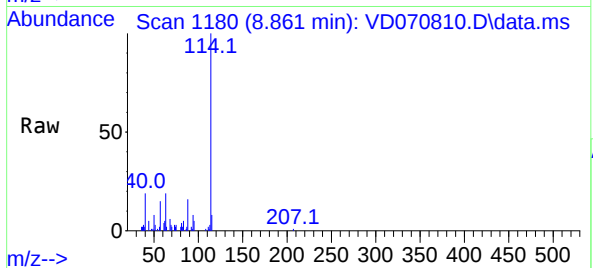




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

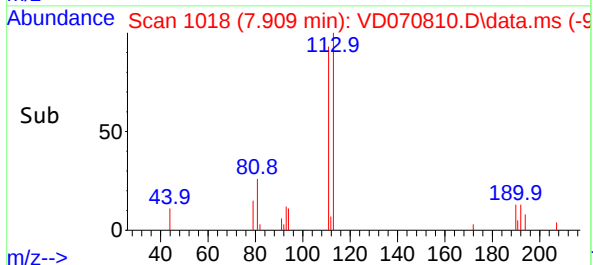
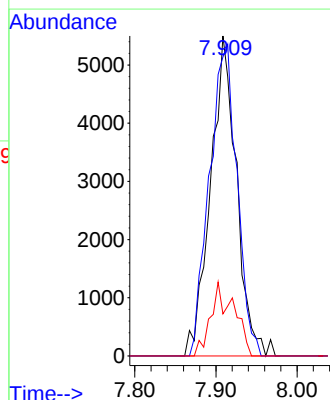
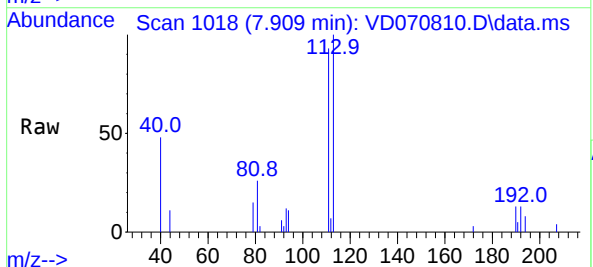
Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021

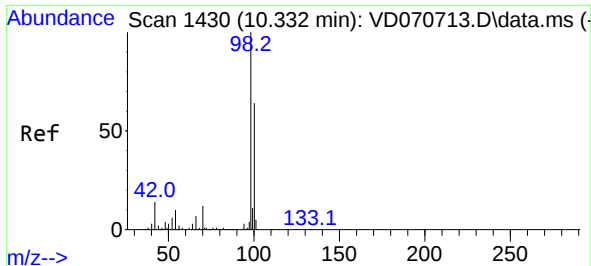
Tgt Ion:	114	Resp:	34803
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	41.8
88	15.6	0.0	32.6



#35
Dibromofluoromethane
Concen: 55.020 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

Tgt Ion:	113	Resp:	12261
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.1	124.7
192	20.6	12.7	19.1#

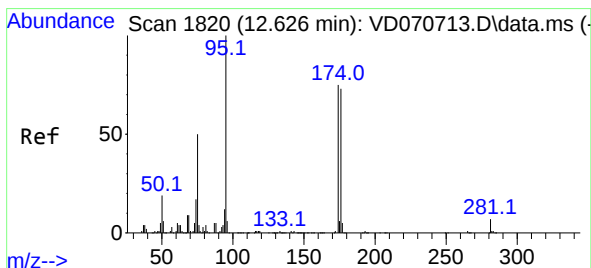
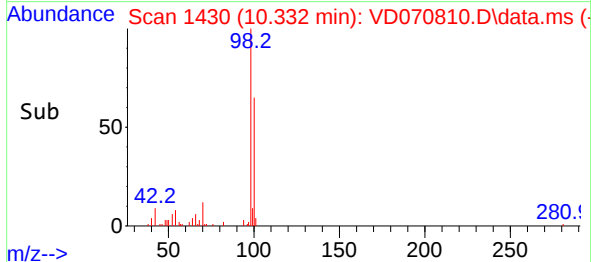
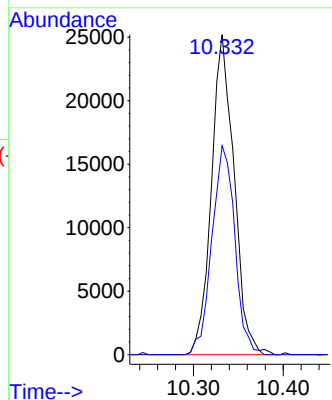
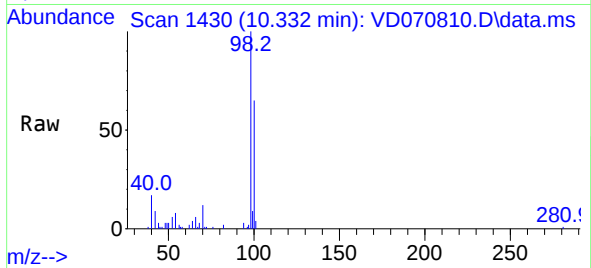




#50
Toluene-d8
Concen: 51.684 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

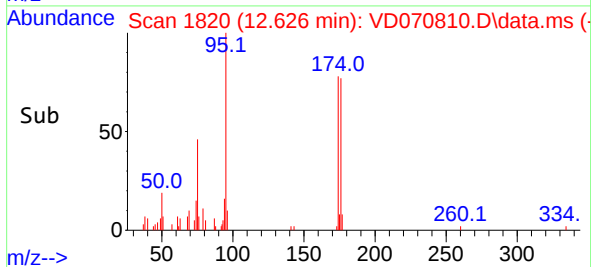
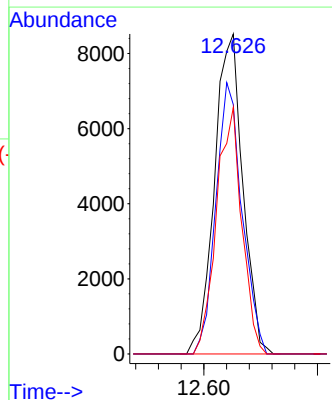
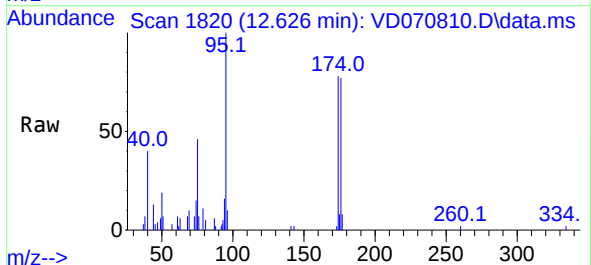
Instrument :
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NB-08-102021

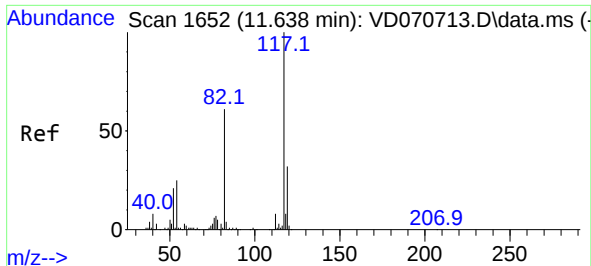
Tgt Ion: 98 Resp: 44151
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.105 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

Tgt Ion: 95 Resp: 14738
Ion Ratio Lower Upper
95 100
174 78.7 0.0 138.0
176 69.0 0.0 135.6

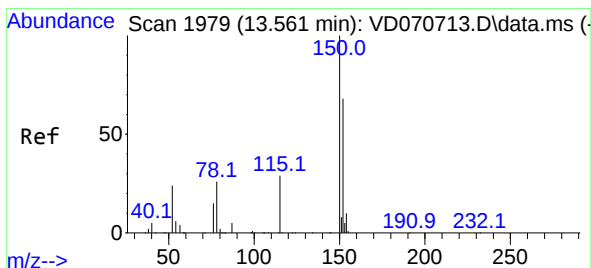
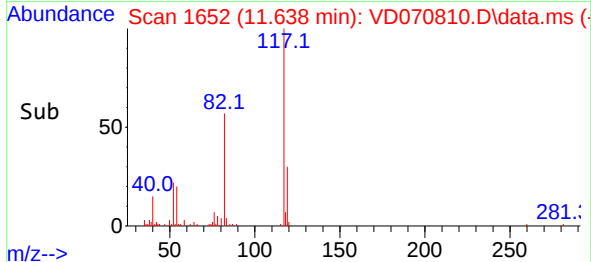
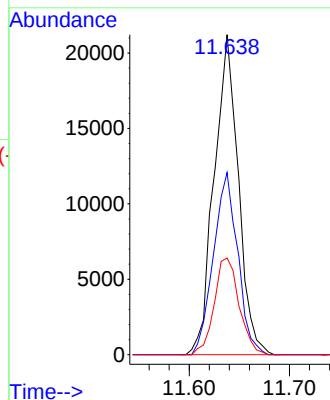
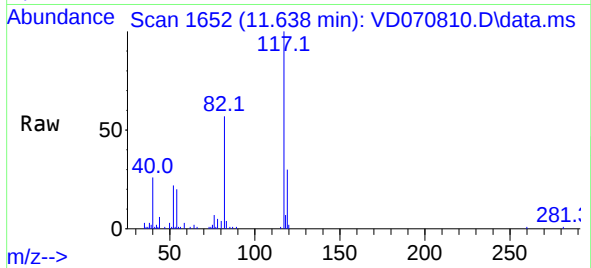




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

Instrument :
MSVOA_D
ClientSampleId :
NB-08-102021

Tgt Ion:	117	Resp:	35493
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.2
119	30.2	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070810.D
Acq: 21 Oct 2021 19:42

Tgt Ion:	152	Resp:	15563
Ion	Ratio	Lower	Upper
152	100		
115	66.8	31.9	95.7
150	144.7	0.0	350.0

