

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069715.D
 Acq On : 15 Jul 2021 18:59
 Operator : VA/SY
 Sample : M3032-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-071421

Quant Time: Jul 16 02:04:31 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	7.973	168	1565	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	3913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	3113	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	134	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1529	78.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.500%
35) Dibromofluoromethane	7.920	113	1394	53.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.200%
50) Toluene-d8	10.332	98	4542	44.535	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.060%
62) 4-Bromofluorobenzene	12.620	95	715	21.021	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	42.040%

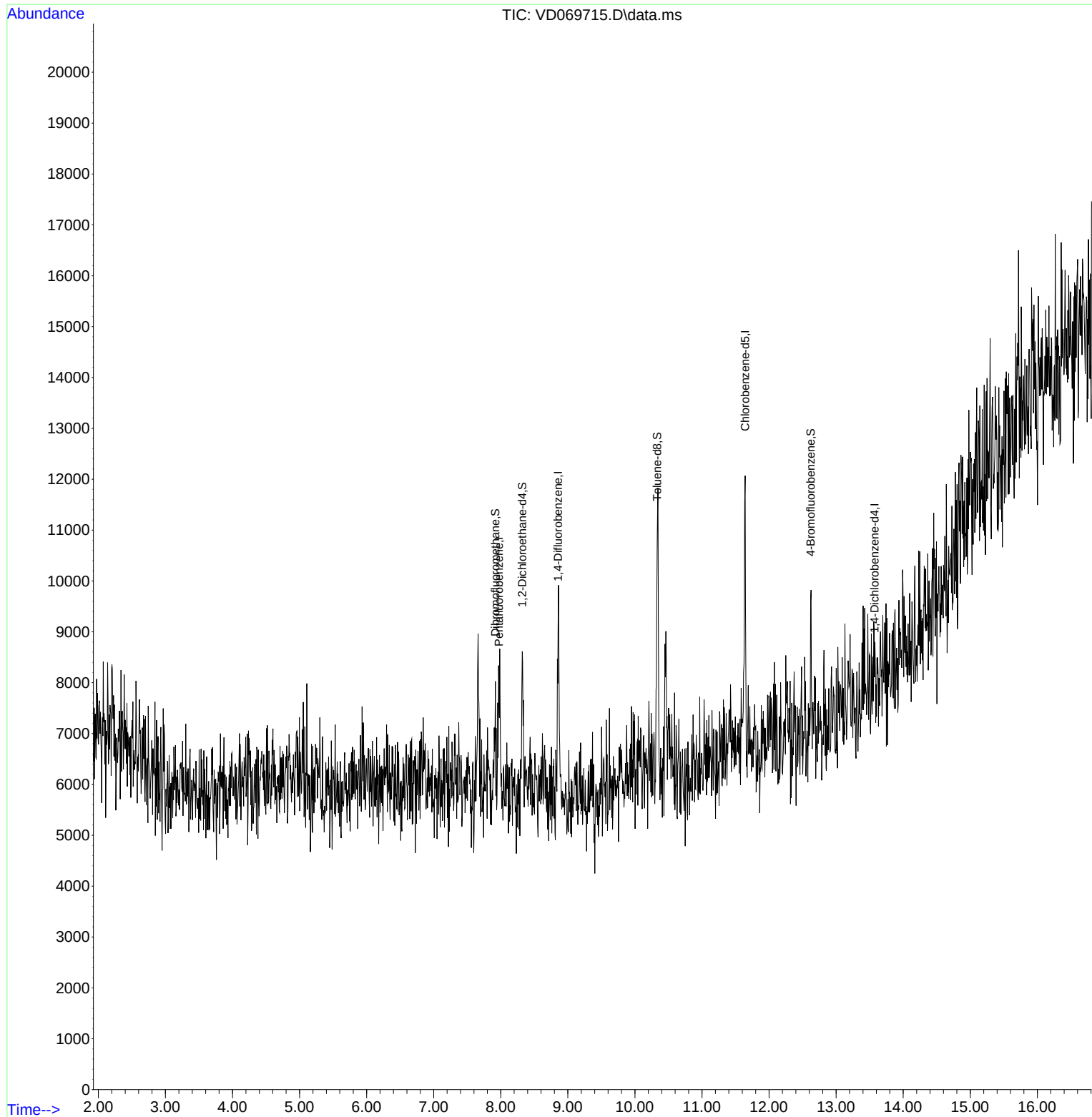
Target Compounds	Qvalue

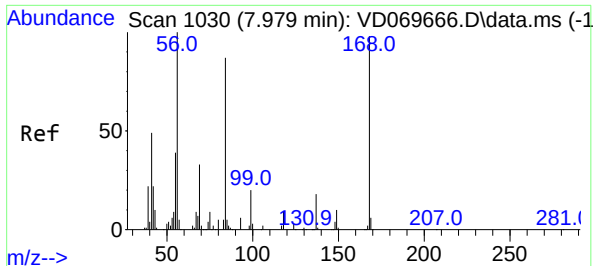
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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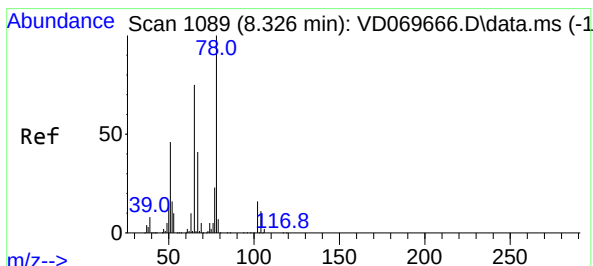
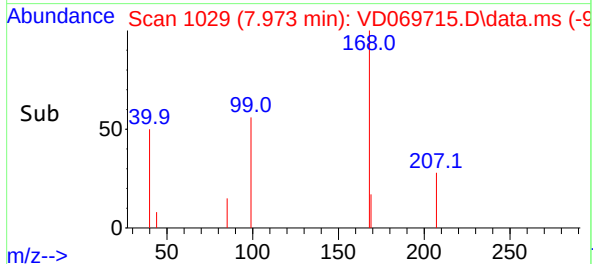
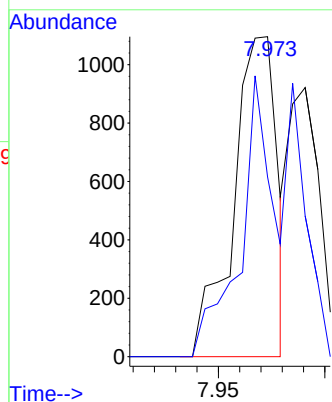
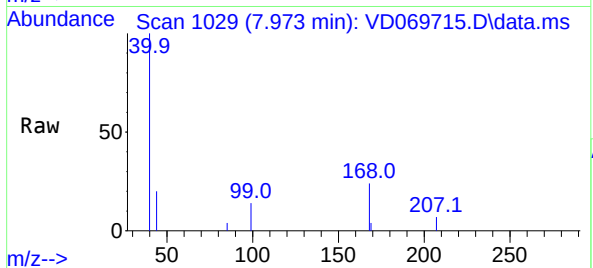




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD069715.D
 Acq: 15 Jul 2021 18:59

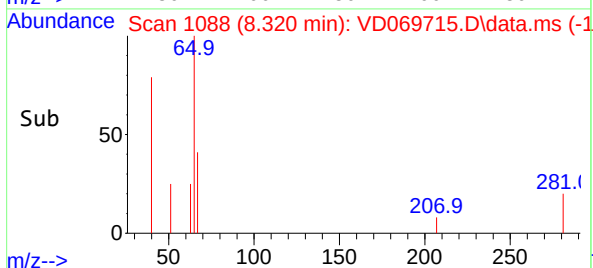
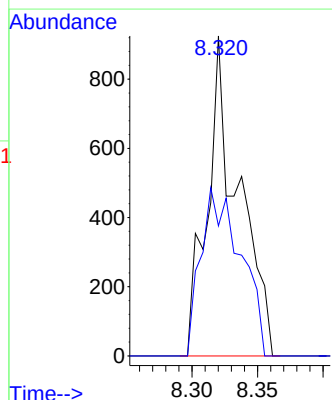
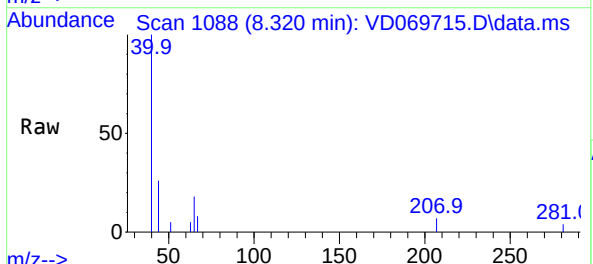
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-071421

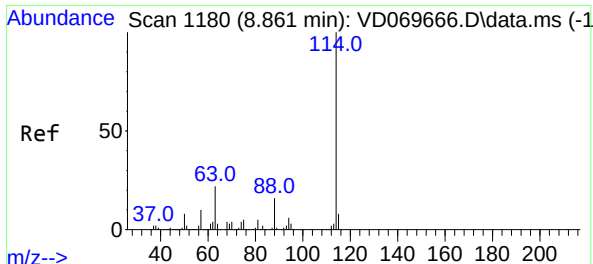
Tgt Ion:168 Resp: 1565
 Ion Ratio Lower Upper
 168 100
 99 56.2 51.8 77.6



1,2-Dichloroethane-d4
 Concen: 78.246 ug/l
 RT: 8.320 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: VD069715.D
 Acq: 15 Jul 2021 18:59

Tgt Ion: 65 Resp: 1529
 Ion Ratio Lower Upper
 65 100
 67 67.0 0.0 107.2



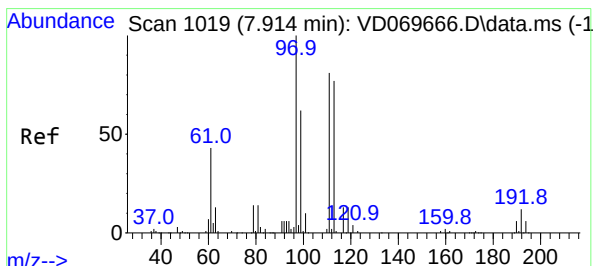
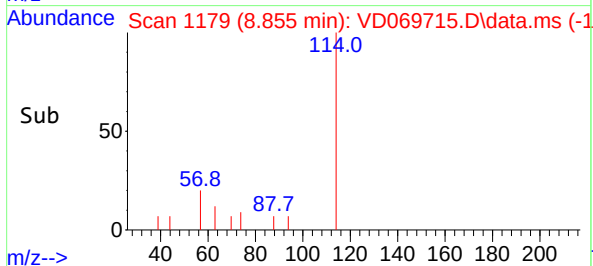
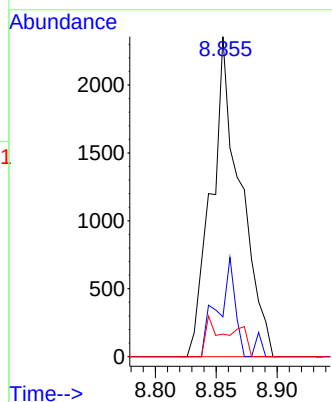
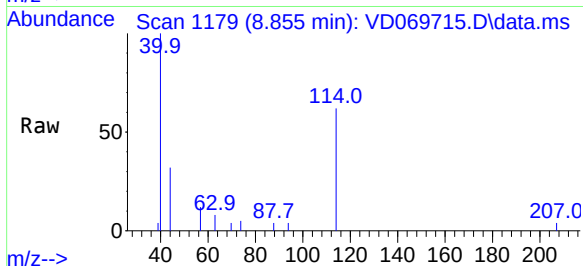


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

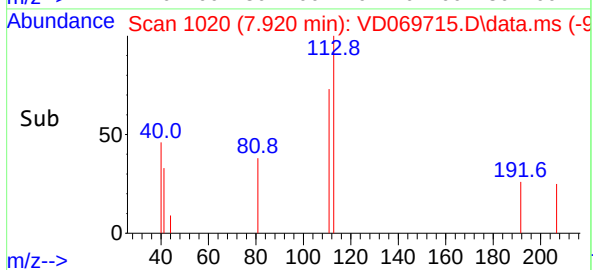
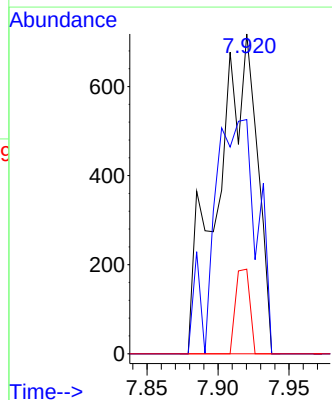
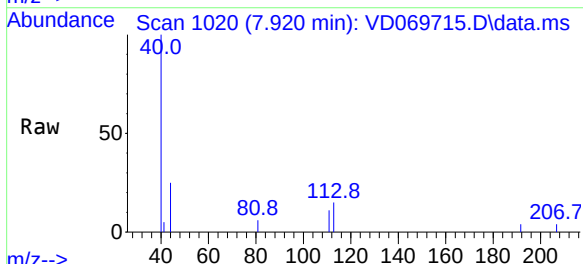
Tgt Ion:	114	Resp:	3913
Ion Ratio	Lower	Upper	
114	100		
63	12.4	0.0	43.4
88	7.0	0.0	32.0

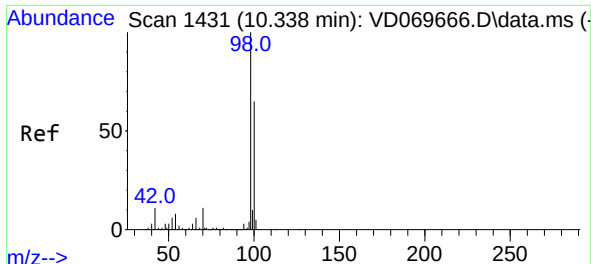


#35

Dibromofluoromethane
Concen: 53.102 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

Tgt Ion:	113	Resp:	1394
Ion Ratio	Lower	Upper	
113	100		
111	80.1	82.6	123.8#
192	9.5	12.7	19.1#

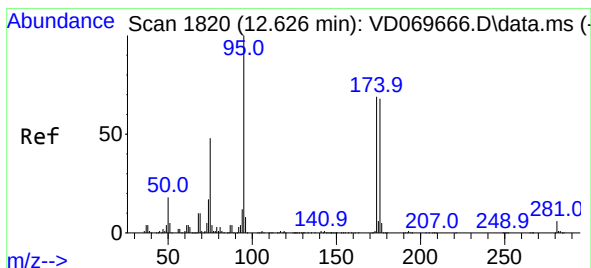
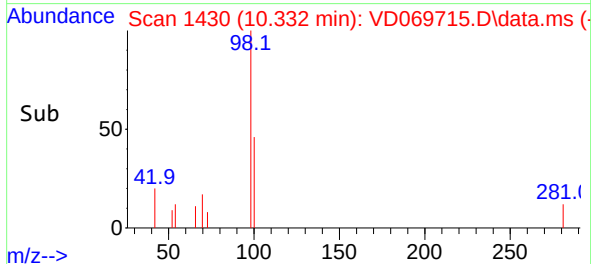
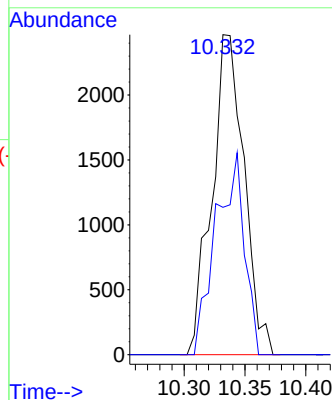
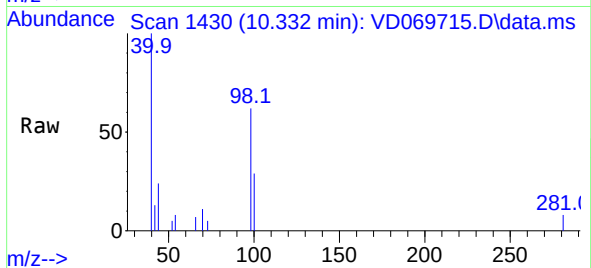




#50
Toluene-d8
Concen: 44.535 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

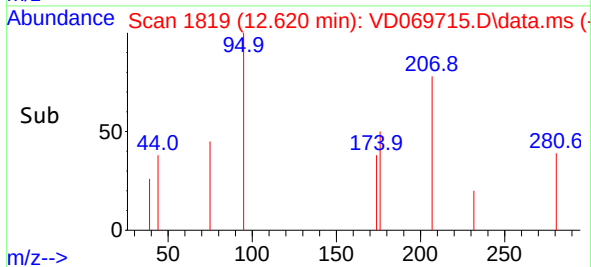
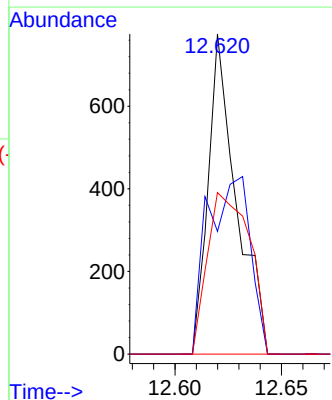
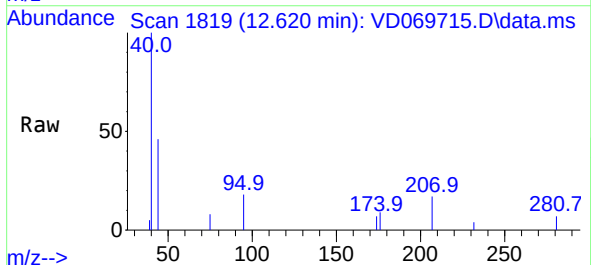
Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

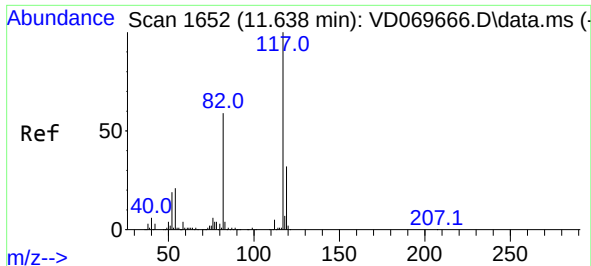
Tgt Ion: 98 Resp: 4542
Ion Ratio Lower Upper
98 100
100 55.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 21.021 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

Tgt Ion: 95 Resp: 715
Ion Ratio Lower Upper
95 100
174 83.5 0.0 140.0
176 75.4 0.0 136.2

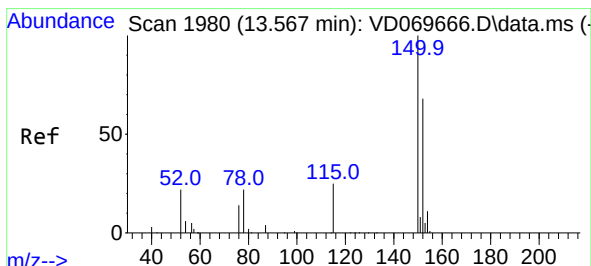
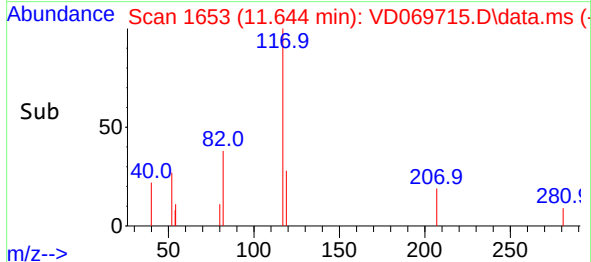
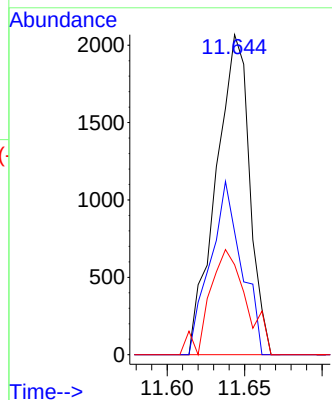
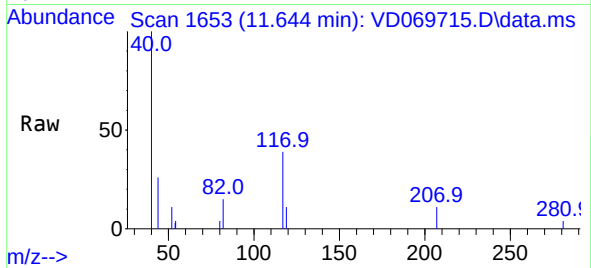




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

Instrument :
MSVOA_D
ClientSampleId :
NB-07-071421

Tgt Ion:	117	Resp:	3113
Ion	Ratio	Lower	Upper
117	100		
82	38.3	47.4	71.2#
119	28.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069715.D
Acq: 15 Jul 2021 18:59

Tgt Ion:	152	Resp:	134
Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.7	95.1#
150	500.0	0.0	350.4#

