

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065806.D
 Acq On : 18 Jun 2020 14:19
 Operator : VA/SY
 Sample : L2811-01RE
 Misc : 6.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-061620RE

Quant Time: Jun 19 01:28:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	250977	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	199662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	61470	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78980	54.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.98%	
35) Dibromofluoromethane	7.92	113	76194	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.34	98	253905	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
62) 4-Bromofluorobenzene	12.64	95	63559	31.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.40%	

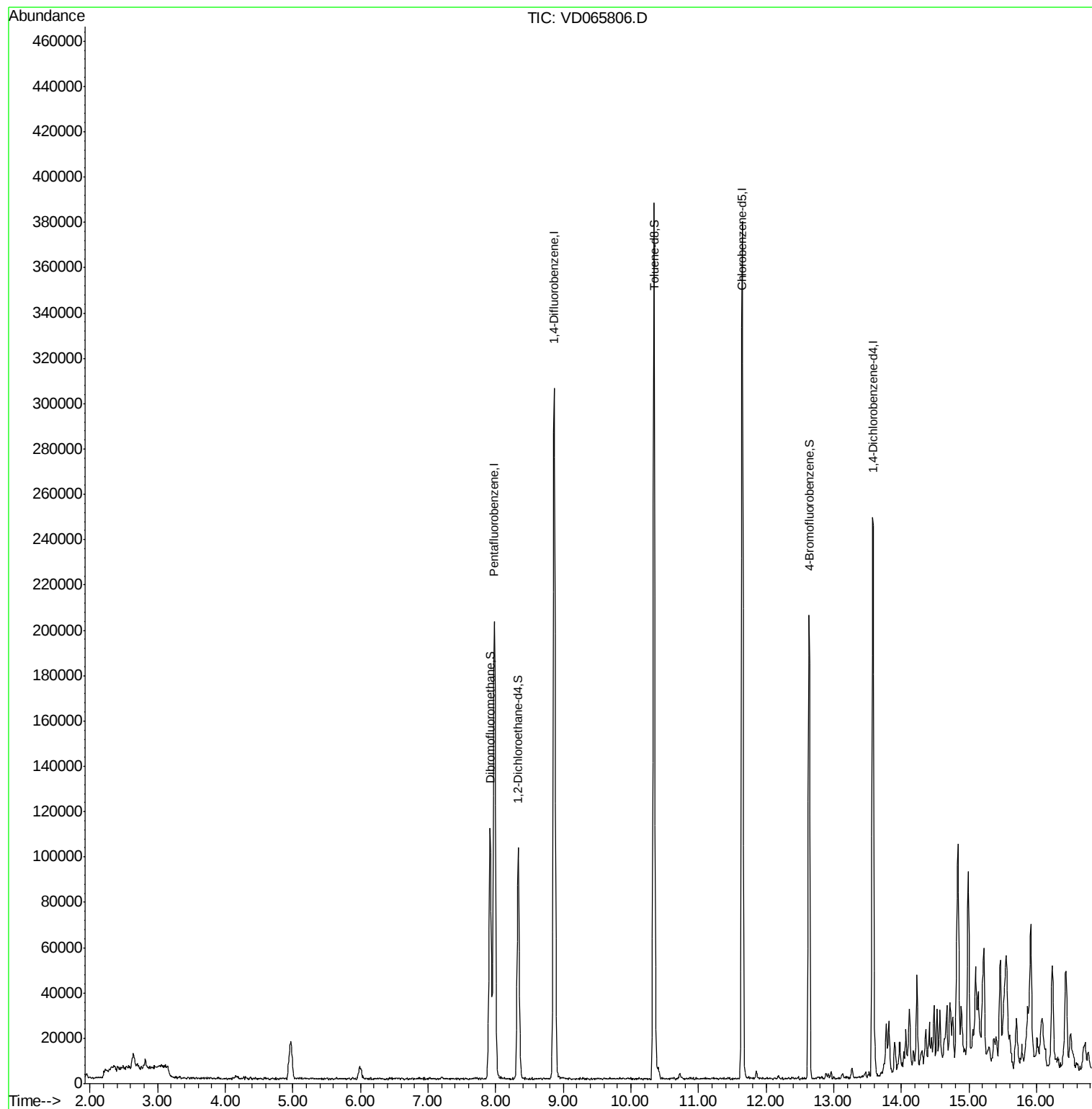
Target Compounds	Qvalue

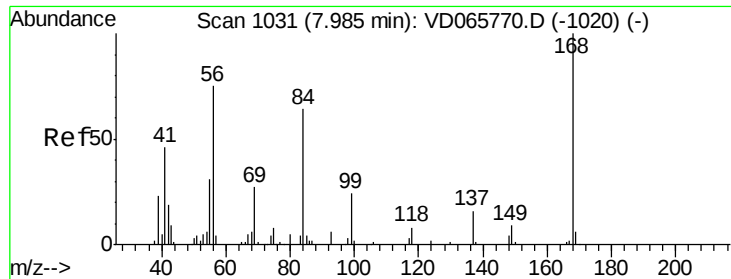
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

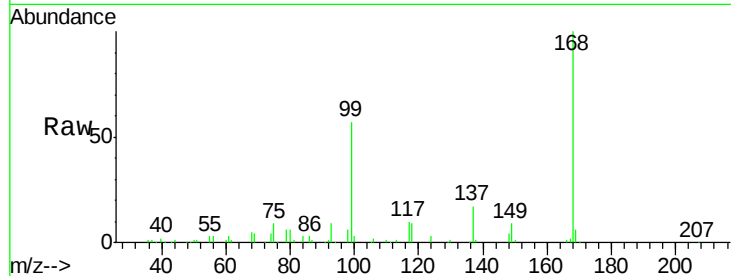
NB-08-061620RE

Tot Ion:168 Resp: 146695

Ion Ratio Lower Upper

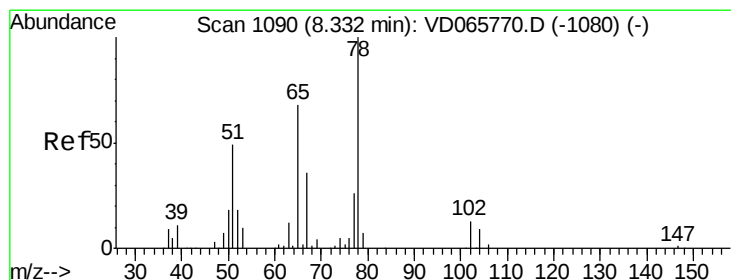
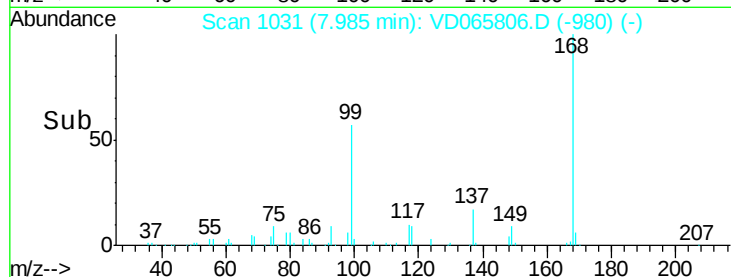
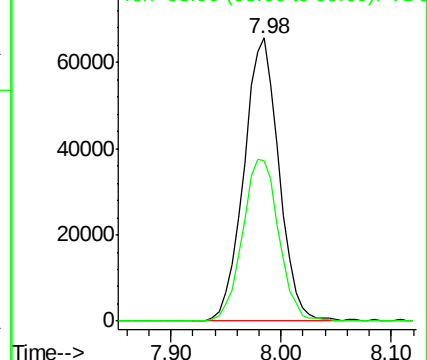
168 100

99 56.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 54.486 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065806.D

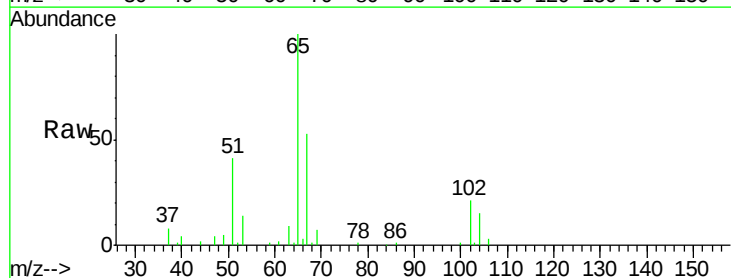
Acq: 18 Jun 2020 14:19

Tgt Ion: 65 Resp: 78980

Ion Ratio Lower Upper

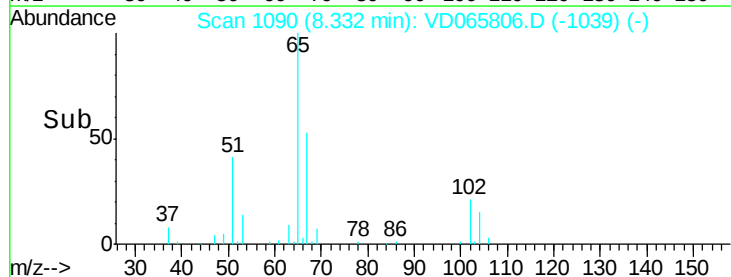
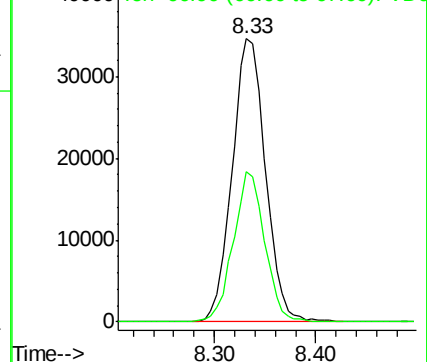
65 100

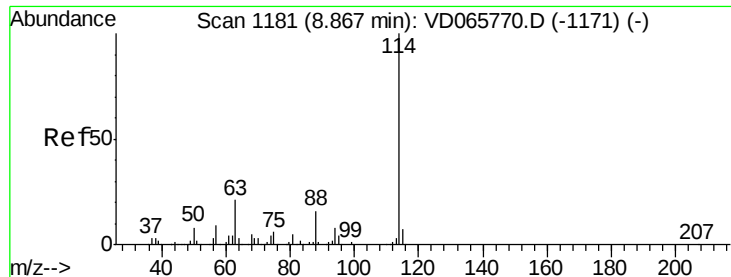
67 49.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

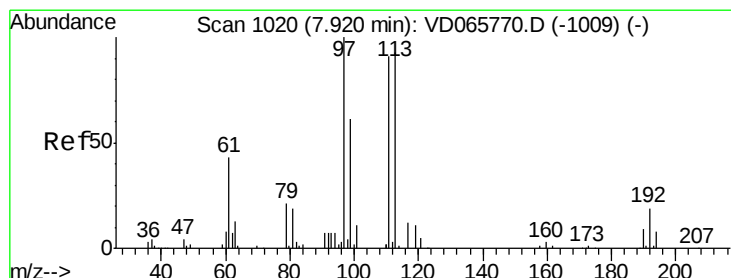
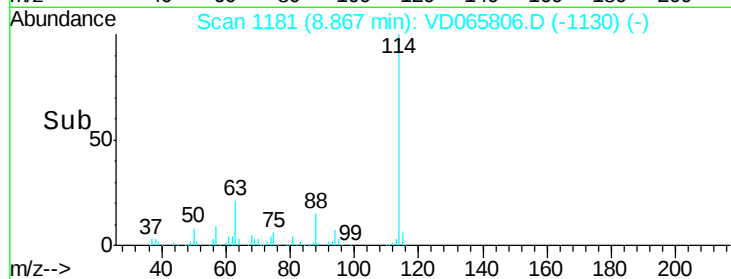
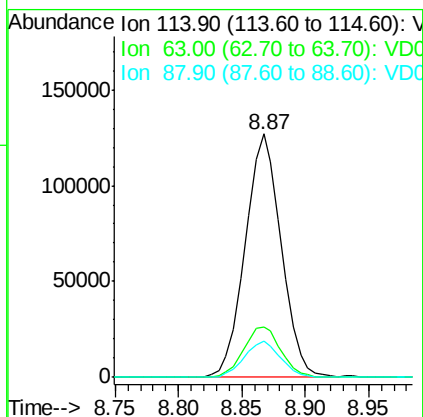
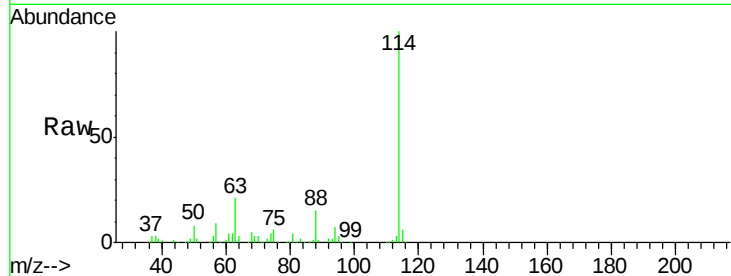




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

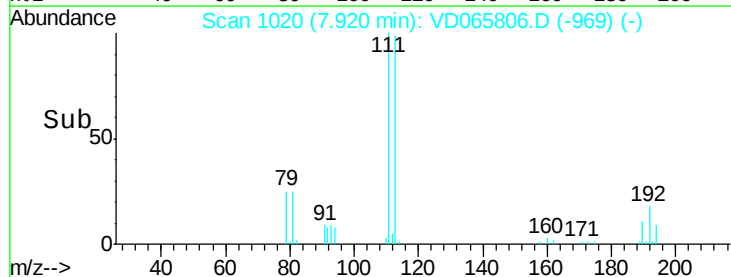
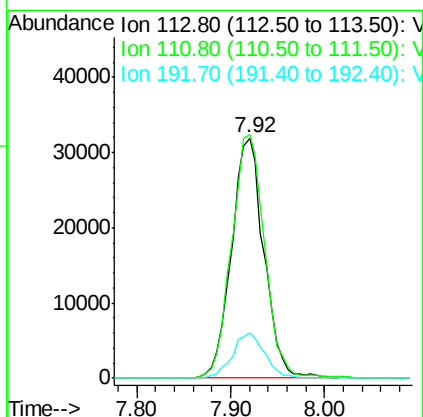
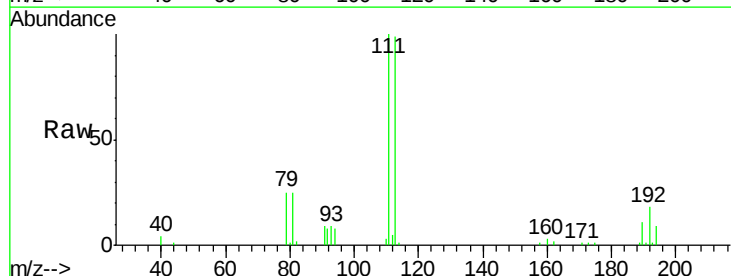
Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-061620RE

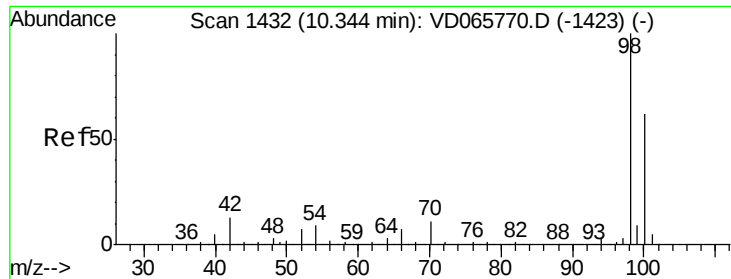
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.8
88	14.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.062 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065806.D
 Acq: 18 Jun 2020 14:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	18.7	15.7	23.5





#50

Toluene-d8

Concen: 42.951 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

Instrument :

MSVOA_D

ClientSampleId :

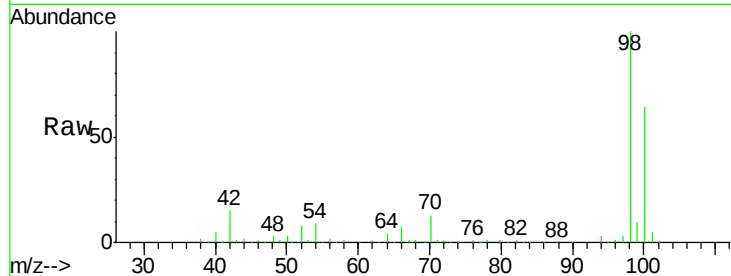
NB-08-061620RE

Tot Ion: 98 Resp: 253905

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

150000

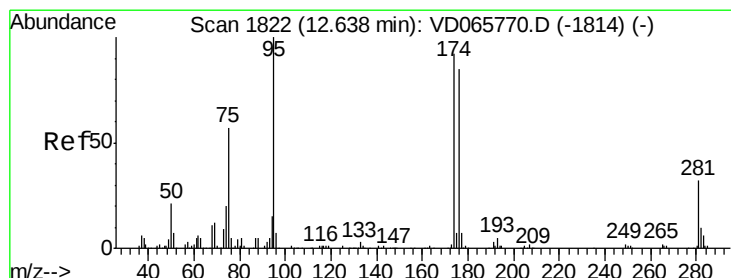
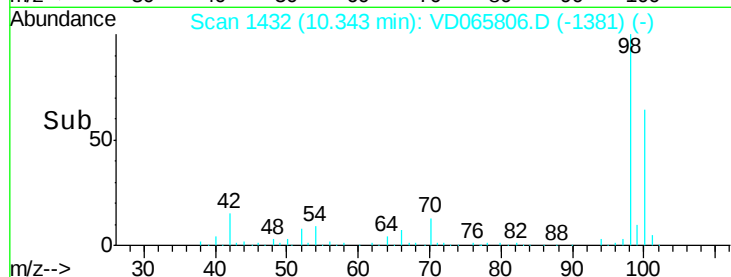
100000

50000

0

10.30 10.34 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 31.704 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065806.D

Acq: 18 Jun 2020 14:19

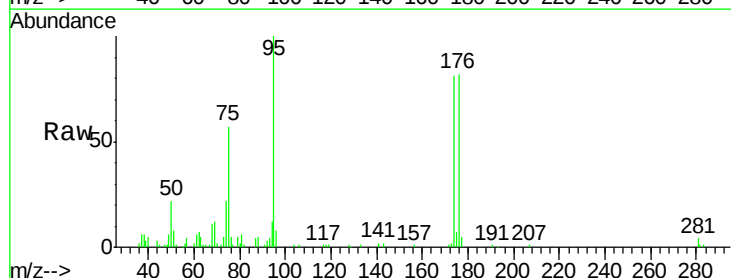
Tgt Ion: 95 Resp: 63559

Ion Ratio Lower Upper

95 100

174 82.1 0.0 175.2

176 77.4 0.0 163.0



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

50000

40000

30000

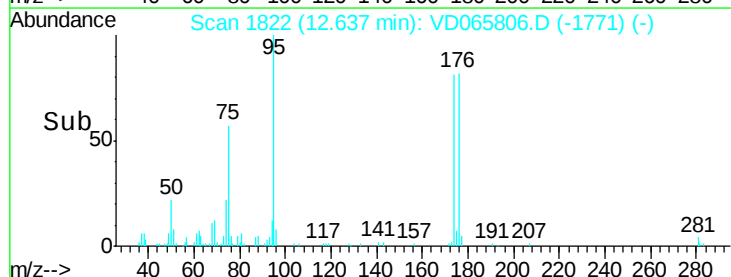
20000

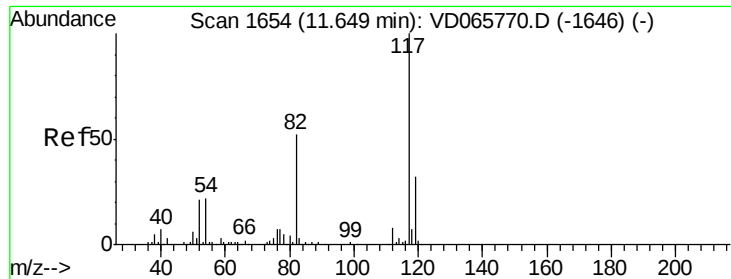
10000

0

12.55 12.60 12.64 12.70

Time-->

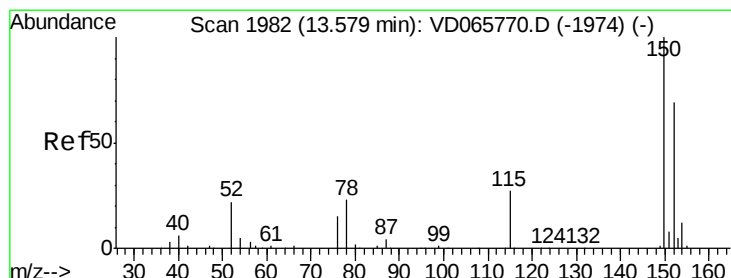
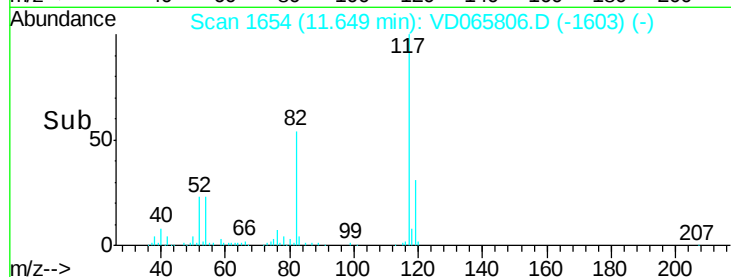
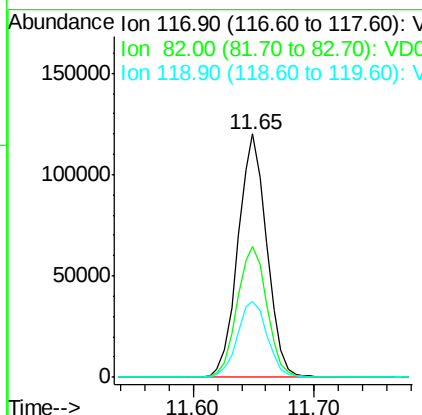
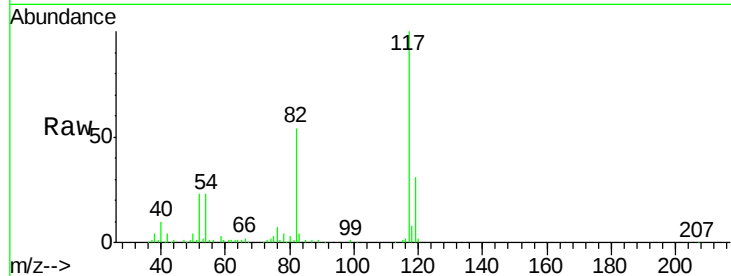




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

Instrument :
MSVOA_D
ClientSampleId :
NB-08-061620RE

Tot Ion:117 Resp: 199662
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065806.D
Acq: 18 Jun 2020 14:19

Tgt Ion:152 Resp: 61470
Ion Ratio Lower Upper
152 100
115 58.8 28.7 86.1
150 160.4 0.0 348.0

