

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065802.D
 Acq On : 18 Jun 2020 12:31
 Operator : VA/SY
 Sample : L2811-01
 Misc : 6.52G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-061620

Quant Time: Jun 19 01:16:54 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

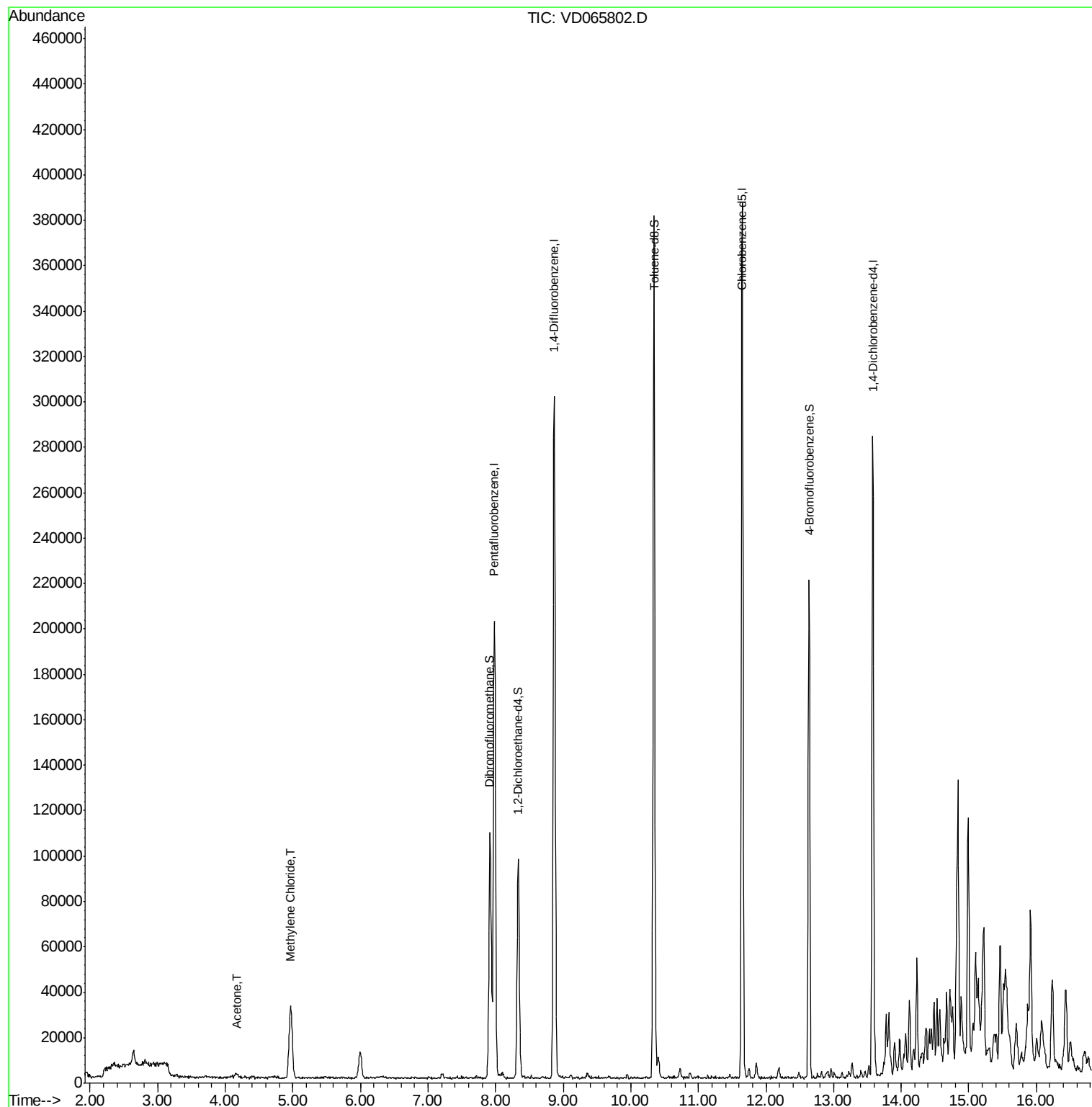
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	147496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	249654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	211716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	70819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	76891	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	7.91	113	77677	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.34	98	252702	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
62) 4-Bromofluorobenzene	12.64	95	70135	35.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.34%	
Target Compounds						
16) Acetone	4.17	43	4311	15.681	ug/l	96
20) Methylene Chloride	4.97	84	23960	13.130	ug/l	98

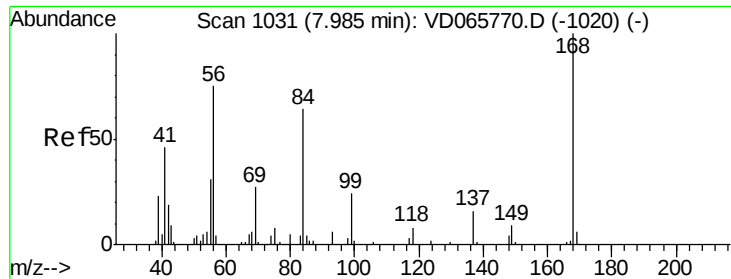
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065802.D

Acq: 18 Jun 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

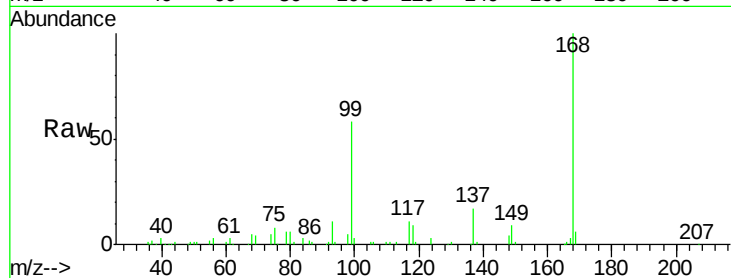
NB-08-061620

Tot Ion:168 Resp: 147496

Ion Ratio Lower Upper

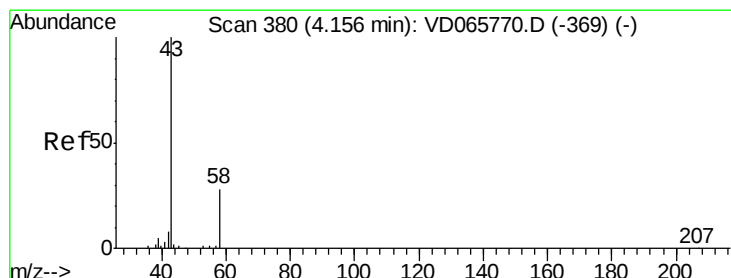
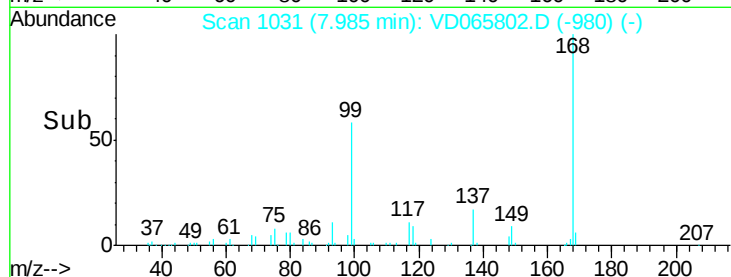
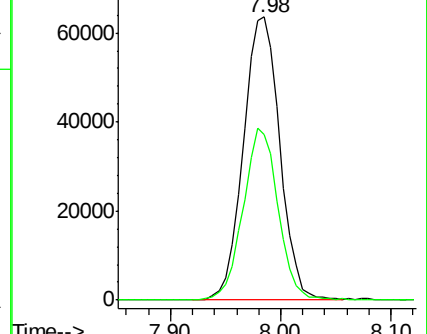
168 100

99 58.5 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 15.681 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065802.D

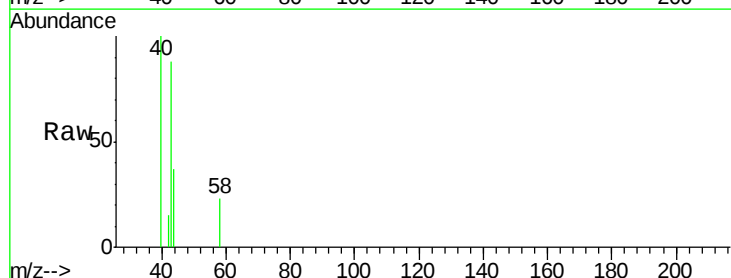
Acq: 18 Jun 2020 12:31

Tgt Ion: 43 Resp: 4311

Ion Ratio Lower Upper

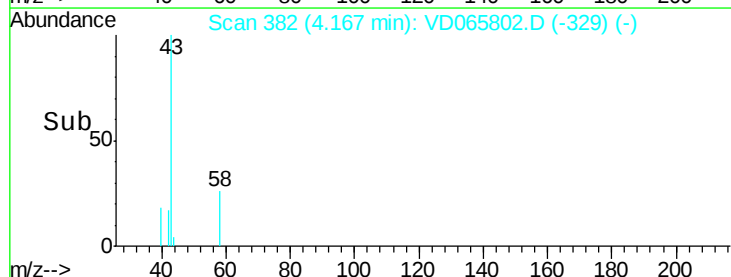
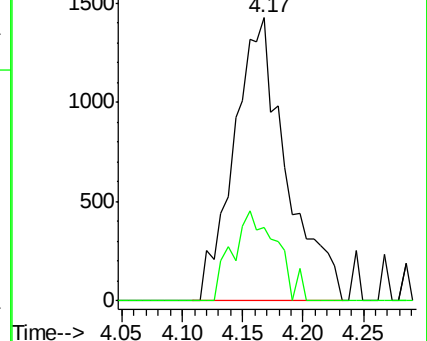
43 100

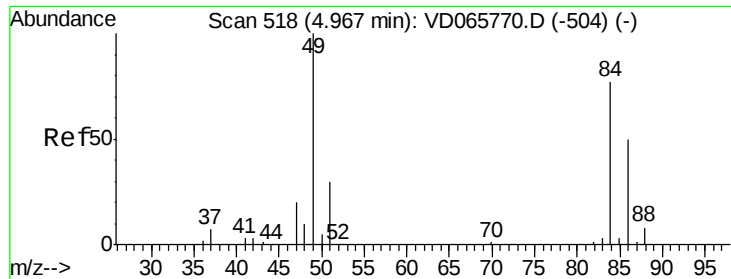
58 25.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

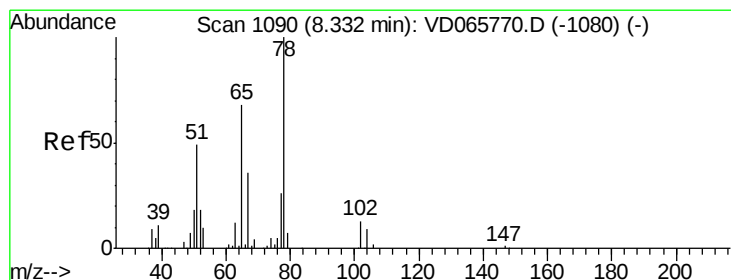
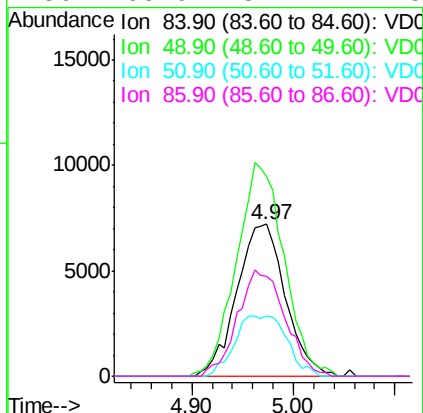
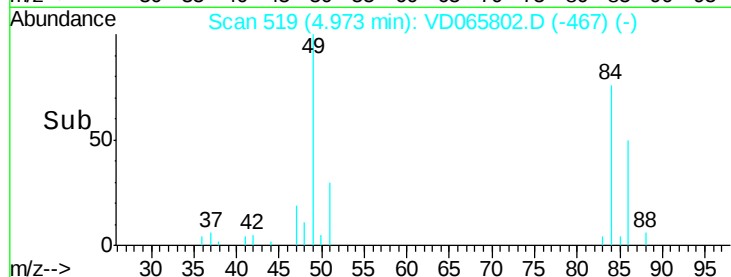
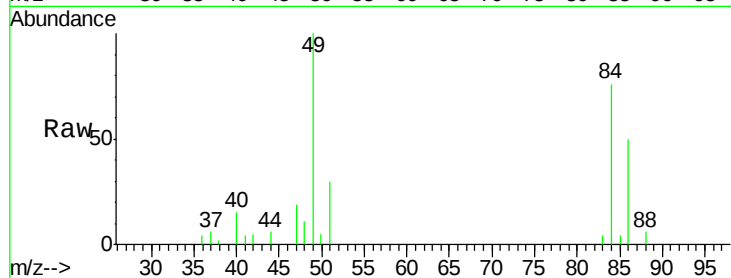




#20
Methylene Chloride
Concen: 13.130 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065802.D
Acq: 18 Jun 2020 12:31

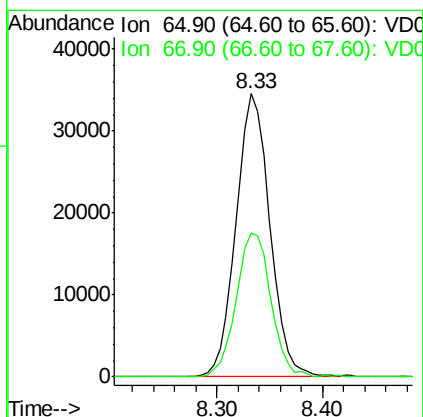
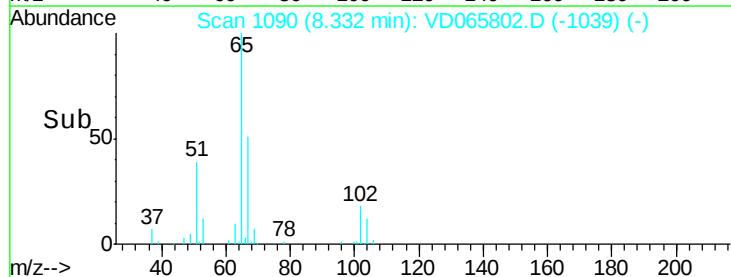
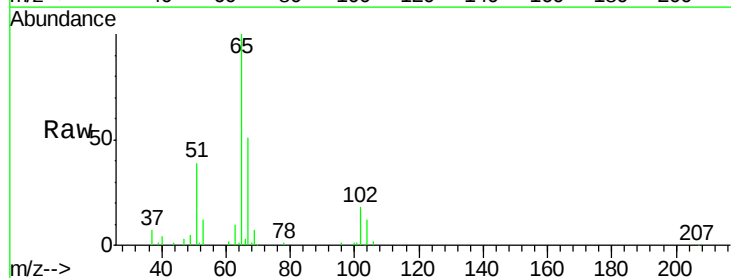
Instrument :
MSVOA_D
ClientSampleId :
NB-08-061620

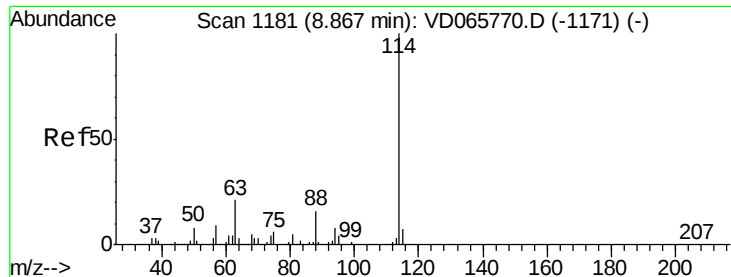
Tot Ion: 84 Resp: 23960
Ion Ratio Lower Upper
84 100
49 131.5 103.4 155.0
51 39.8 31.4 47.2
86 65.9 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 52.757 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065802.D
Acq: 18 Jun 2020 12:31

Tgt Ion: 65 Resp: 76891
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.6

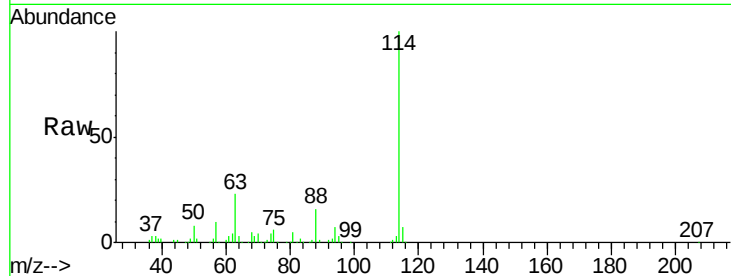




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065802.D
 Acq: 18 Jun 2020 12:31

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-061620

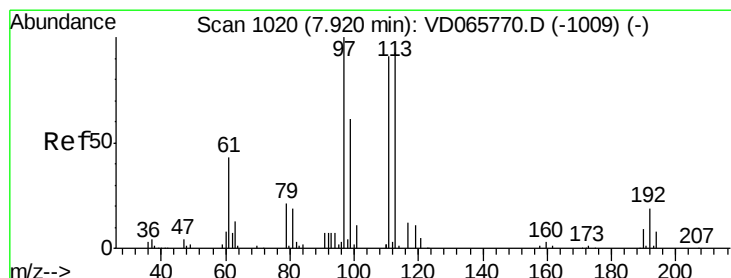
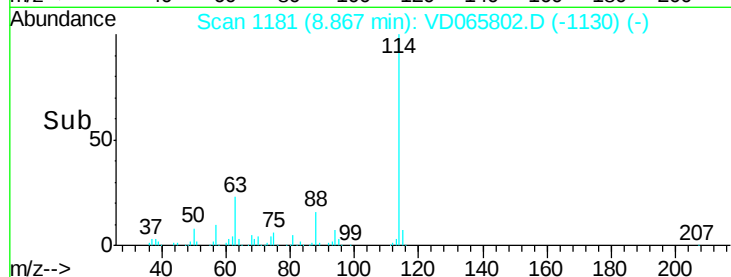
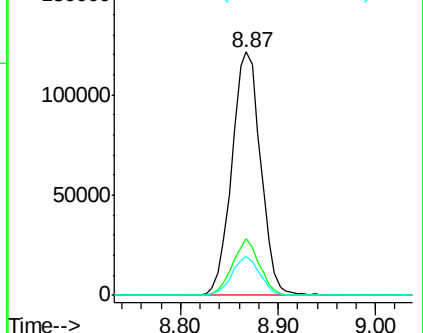
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	41.8
88	15.9	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

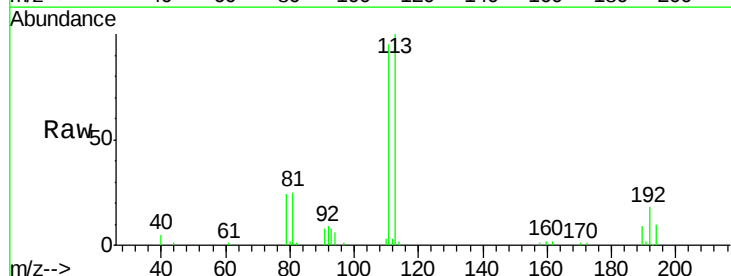
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 49.257 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065802.D
 Acq: 18 Jun 2020 12:31

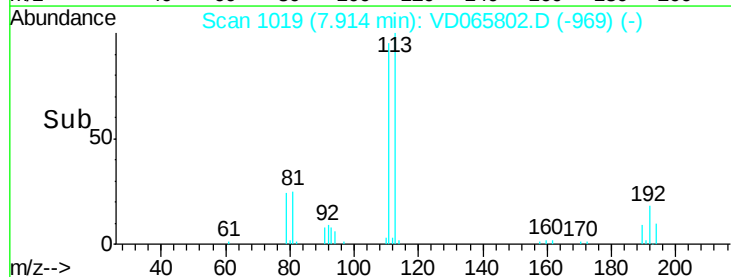
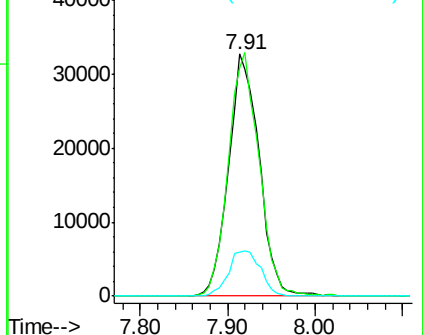
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.0
192	19.5	15.7	23.5

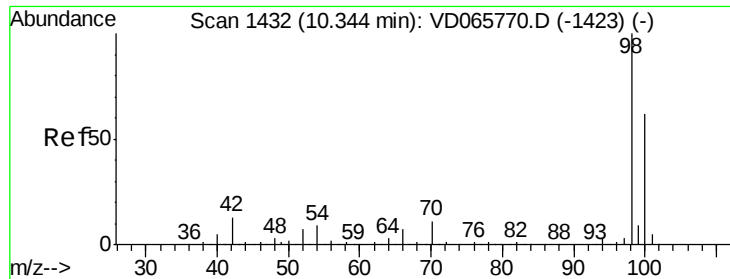


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.974 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065802.D

Acq: 18 Jun 2020 12:31

Instrument :

MSVOA_D

ClientSampleId :

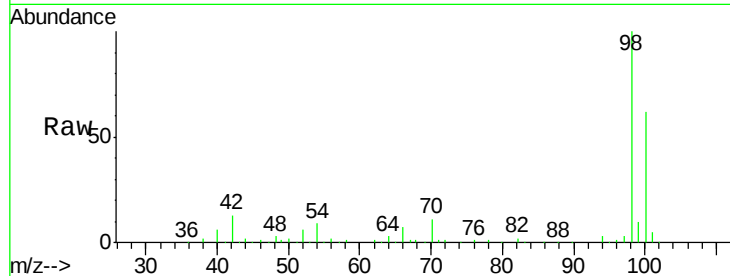
NB-08-061620

Tot Ion: 98 Resp: 252702

Ion Ratio Lower Upper

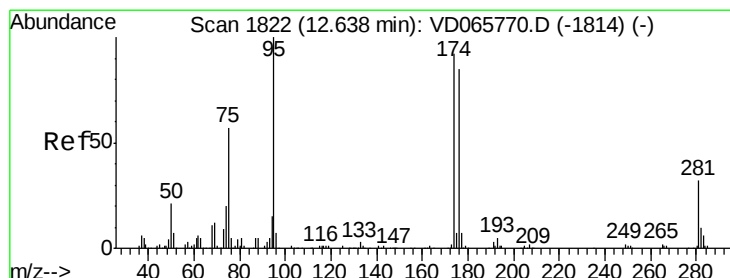
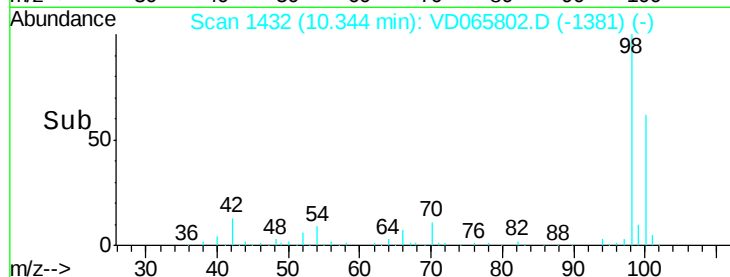
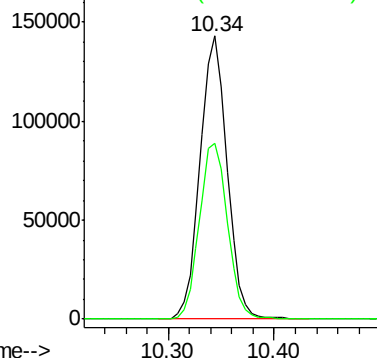
98 100

100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 35.169 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065802.D

Acq: 18 Jun 2020 12:31

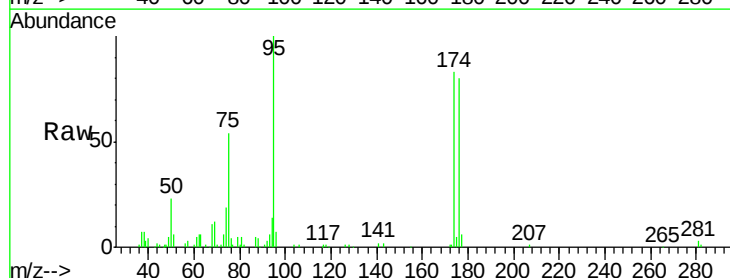
Tgt Ion: 95 Resp: 70135

Ion Ratio Lower Upper

95 100

174 82.3 0.0 175.2

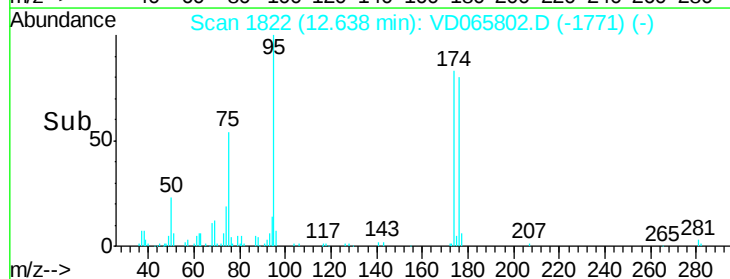
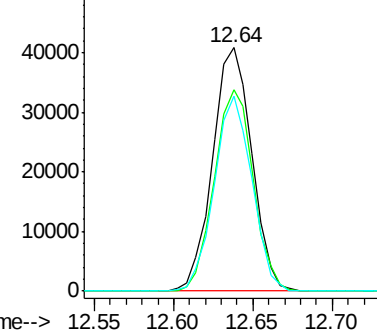
176 77.1 0.0 163.0

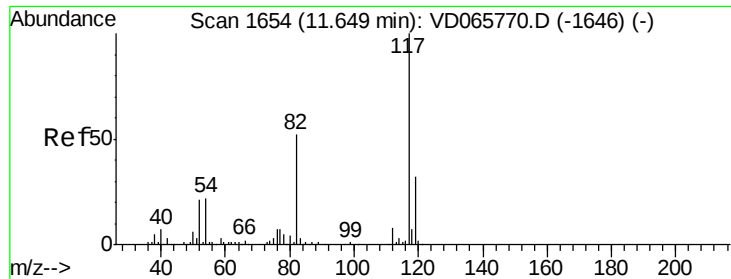


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

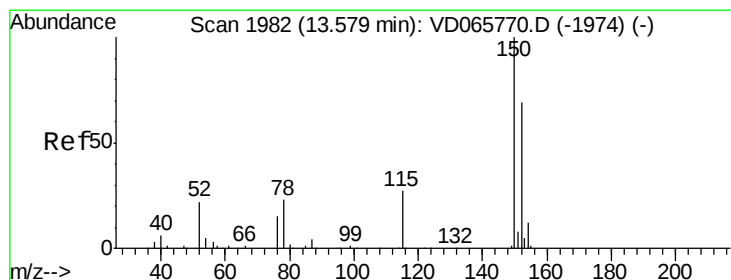
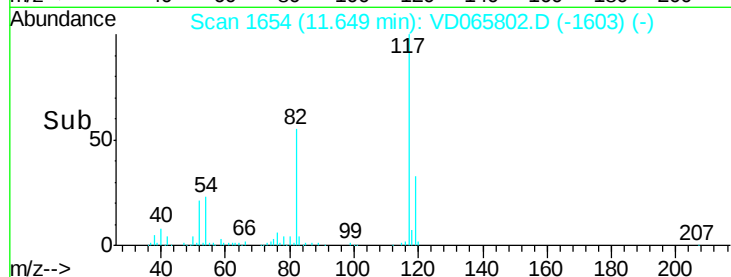
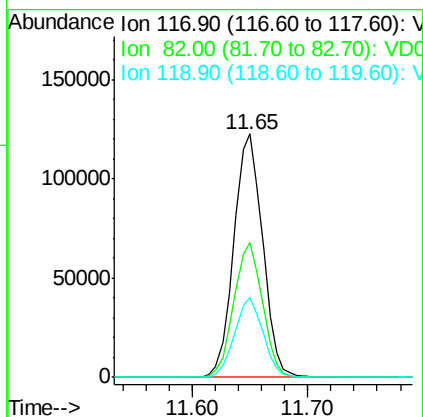
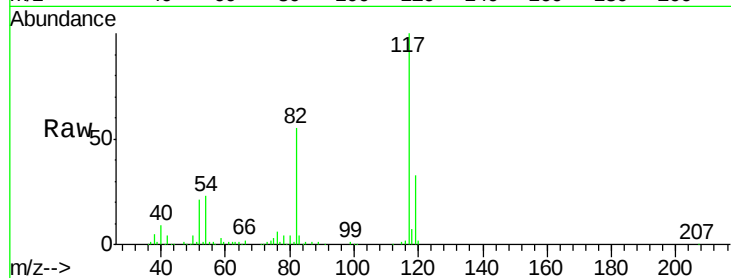




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065802.D
Acq: 18 Jun 2020 12:31

Instrument :
MSVOA_D
ClientSampleId :
NB-08-061620

Tot Ion:117 Resp: 211716
Ion Ratio Lower Upper
117 100
82 55.2 41.9 62.9
119 32.9 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: VD065802.D
Acq: 18 Jun 2020 12:31

Tgt Ion:152 Resp: 70819
Ion Ratio Lower Upper
152 100
115 60.0 28.7 86.1
150 158.5 0.0 348.0

