

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033120\
 Data File : VN060784.D
 Acq On : 31 Mar 2020 14:34
 Operator : JC/MD
 Sample : L1752-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-033020

Quant Time: Apr 01 09:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

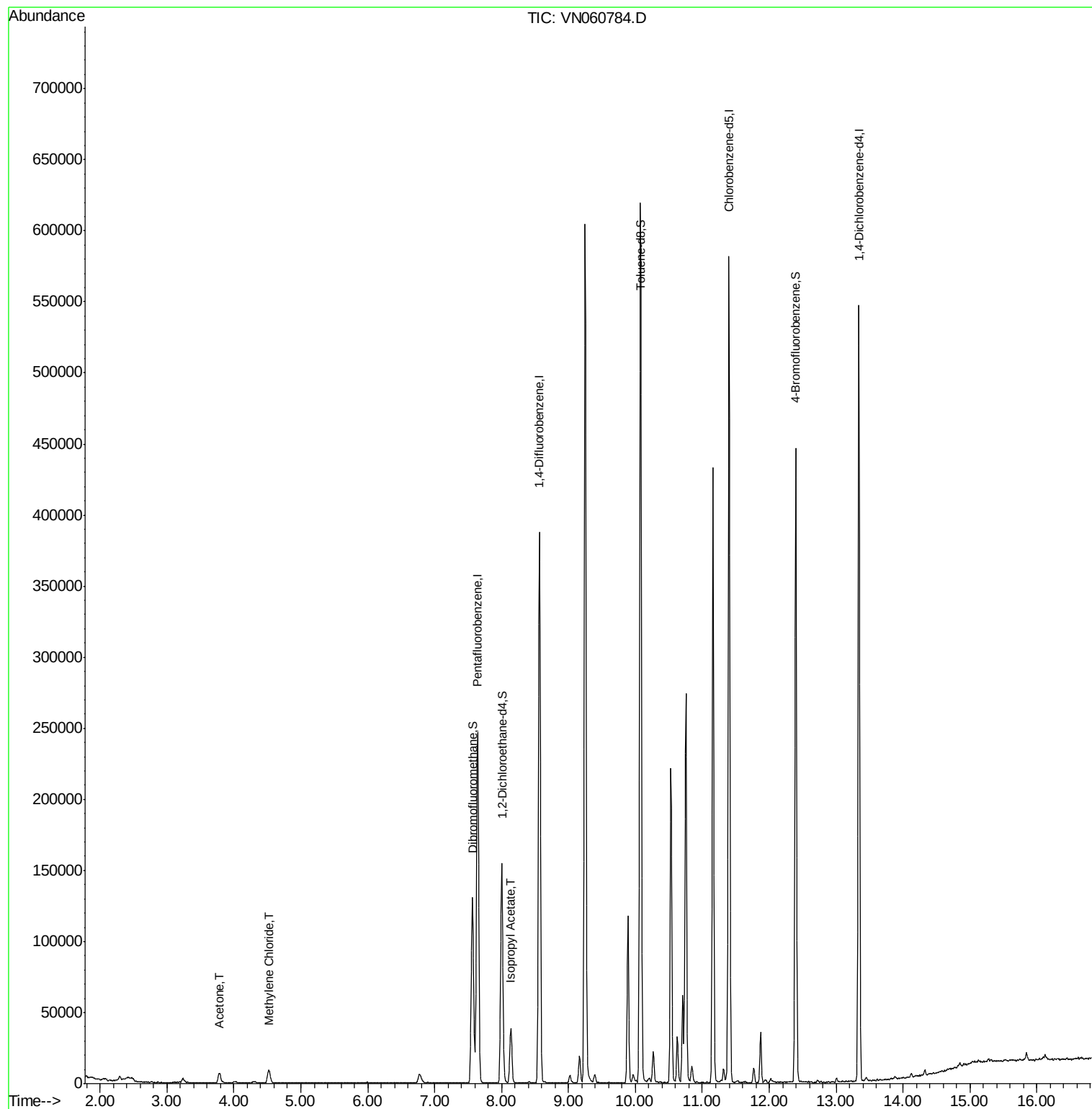
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	342278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	322536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133563	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	7.57	113	102900	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	10.08	98	425136	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	12.40	95	159781	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
16) Acetone	3.79	43	13175	13.184	ug/l	97
20) Methylene Chloride	4.53	84	6966	2.834	ug/l	98
43) Isopropyl Acetate	8.14	43	47110	7.977	ug/l #	91

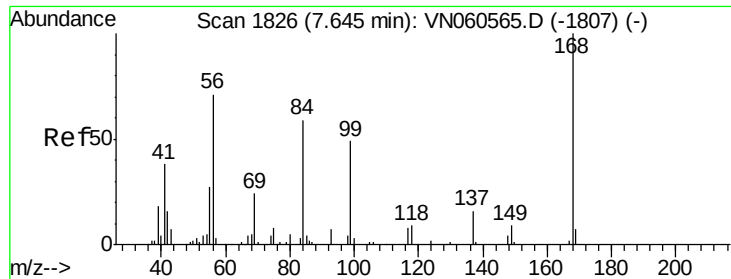
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060784.D

Acq: 31 Mar 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

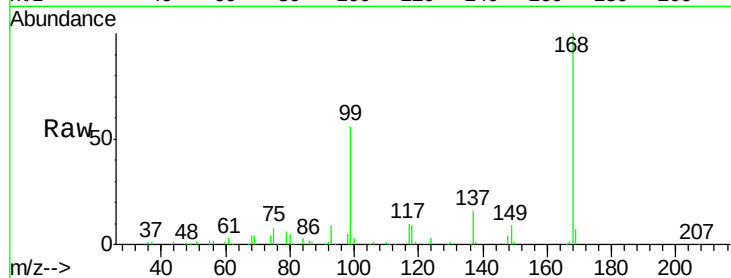
HD-02-033020

Tot Ion:168 Resp: 205507

Ion Ratio Lower Upper

168 100

99 56.0 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060784.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060784.D (-1733) (-)

7.64

80000

60000

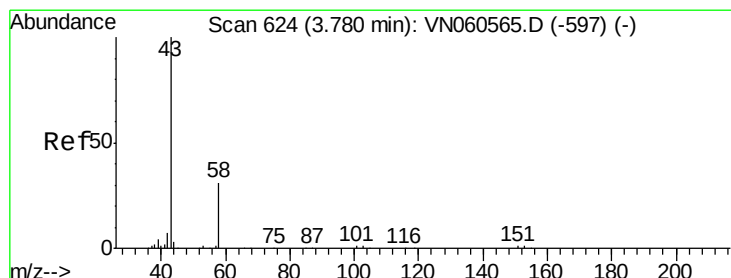
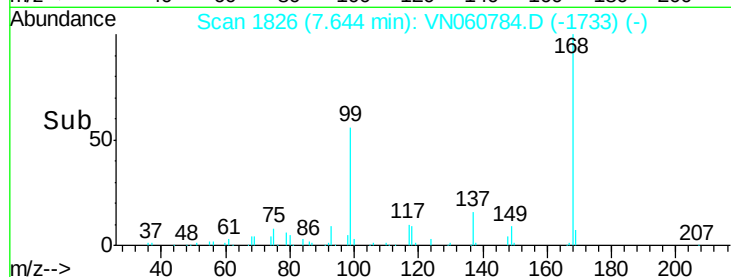
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 13.184 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060784.D

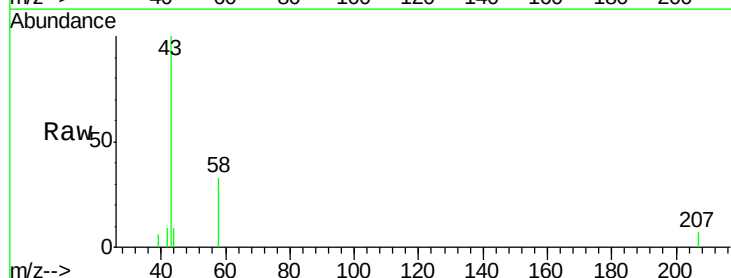
Acq: 31 Mar 2020 14:34

Tgt Ion: 43 Resp: 13175

Ion Ratio Lower Upper

43 100

58 33.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060784.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060784.D (-531) (-)

3.79

5000

4000

3000

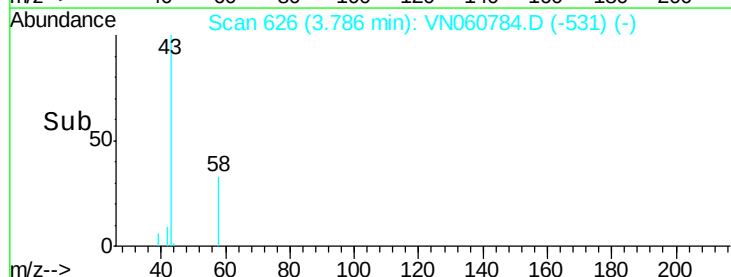
2000

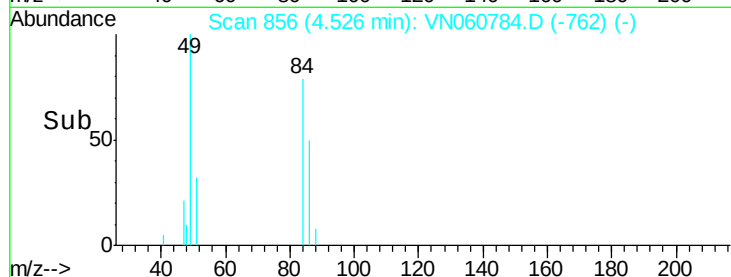
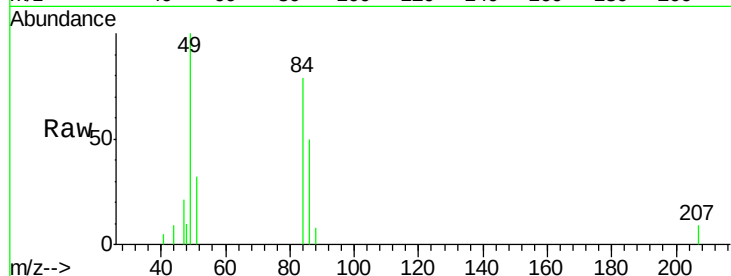
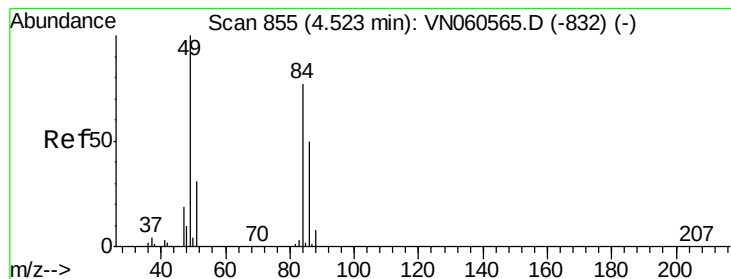
1000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 2.834 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060784.D

Acq: 31 Mar 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

HD-02-033020

Tot Ion: 84 Resp: 6966

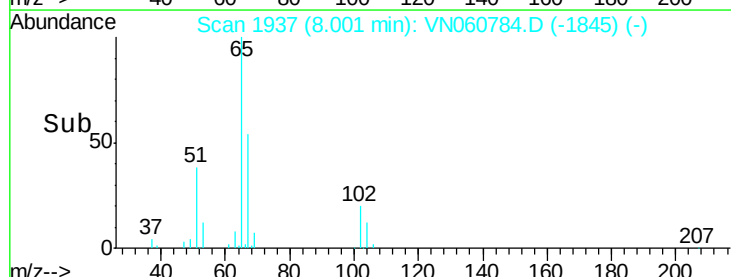
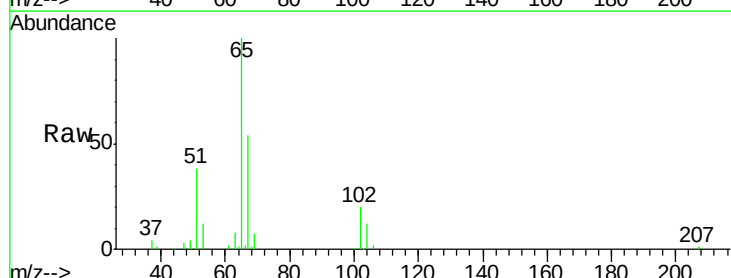
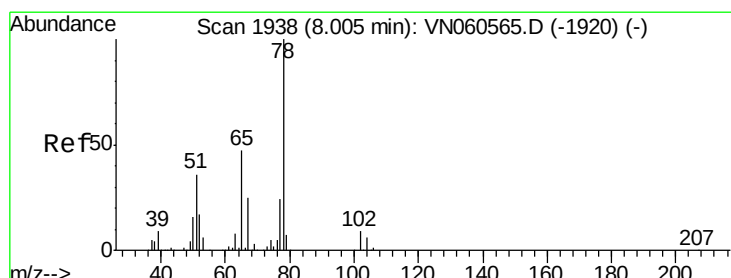
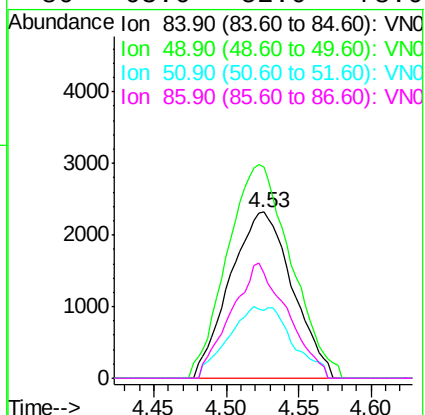
Ion Ratio Lower Upper

84 100

49 127.2 103.3 154.9

51 40.8 31.6 47.4

86 63.6 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 47.344 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060784.D

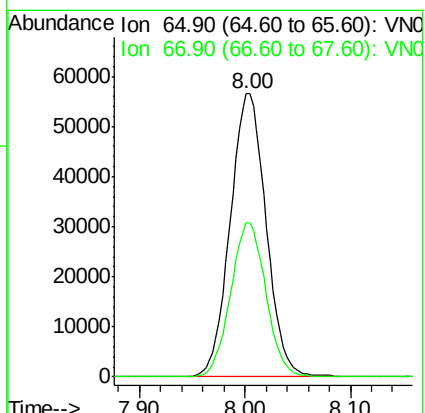
Acq: 31 Mar 2020 14:34

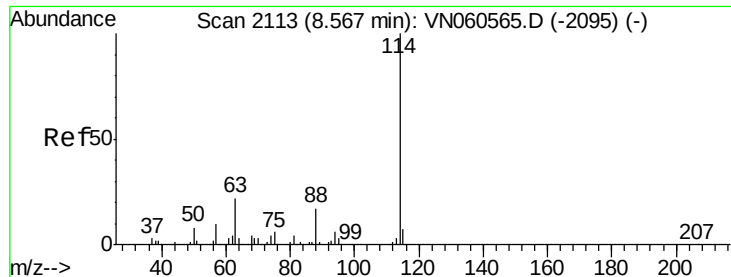
Tgt Ion: 65 Resp: 133563

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6

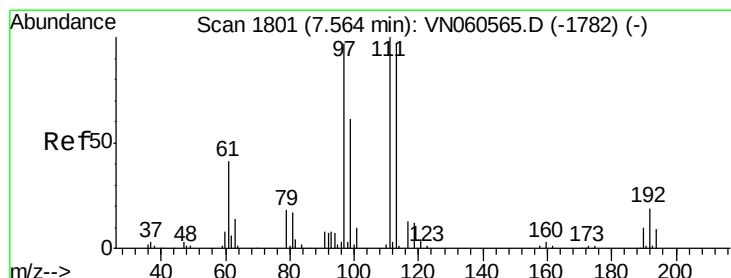
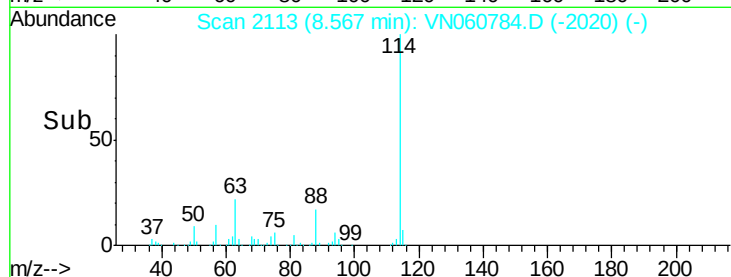
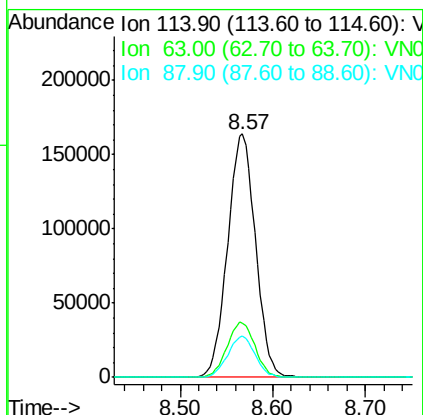
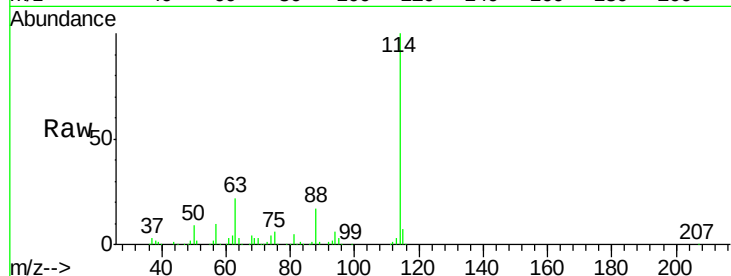




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060784.D
 Acq: 31 Mar 2020 14:34

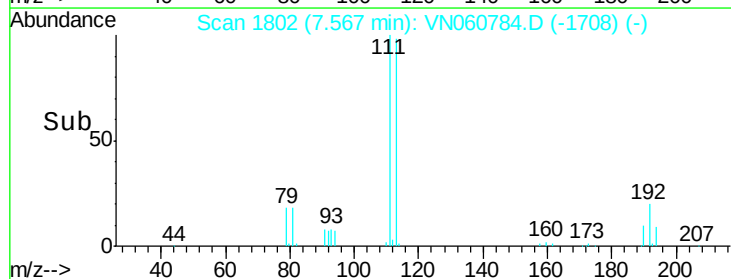
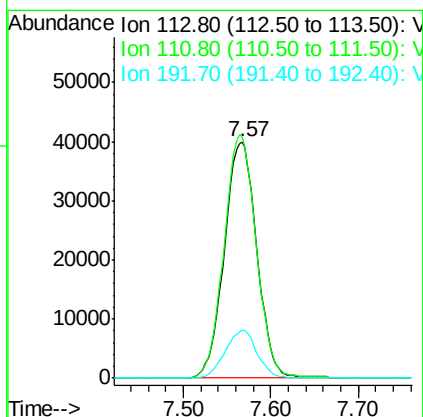
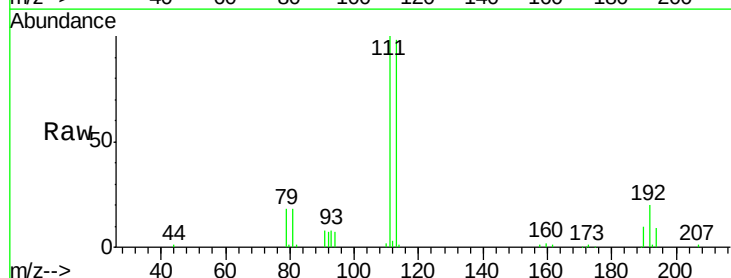
Instrument :
 MSVOA_N
 ClientSampleId :
 HD-02-033020

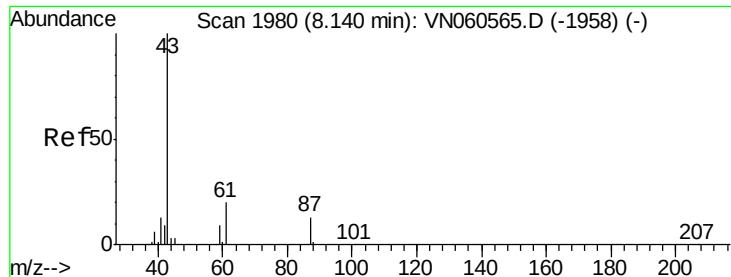
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.7	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.719 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060784.D
 Acq: 31 Mar 2020 14:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.8	15.8	23.8





#43

Isopropyl Acetate

Concen: 7.977 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060784.D

Acq: 31 Mar 2020 14:34

Instrument :

MSVOA_N

ClientSampled :

HD-02-033020

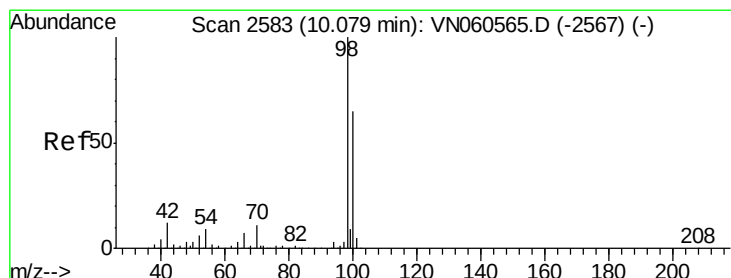
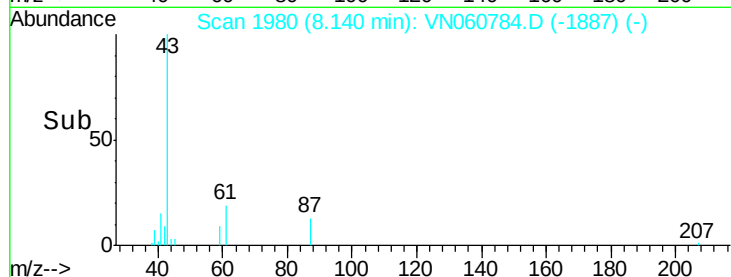
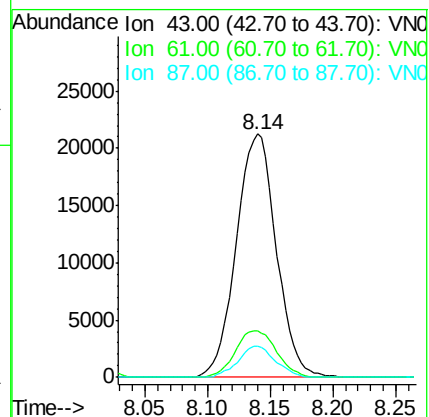
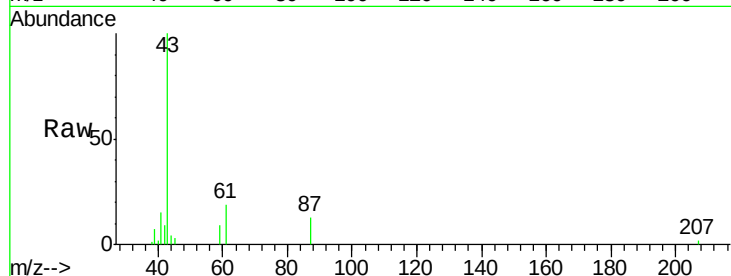
Tot Ion: 43 Resp: 47110

Ion Ratio Lower Upper

43 100

61 19.6 20.7 31.1#

87 12.0 9.8 14.8



#50

Toluene-d8

Concen: 50.290 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060784.D

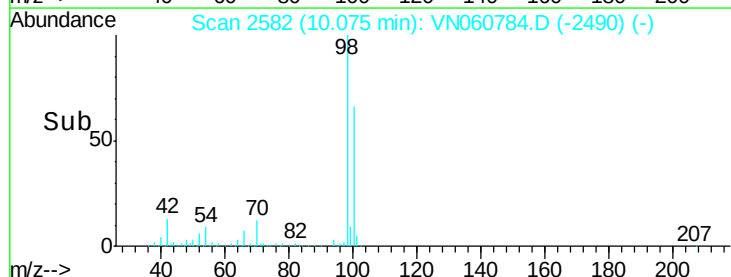
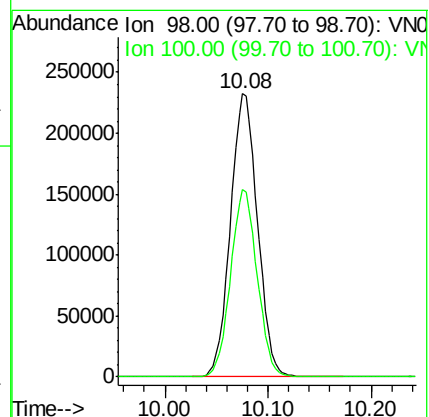
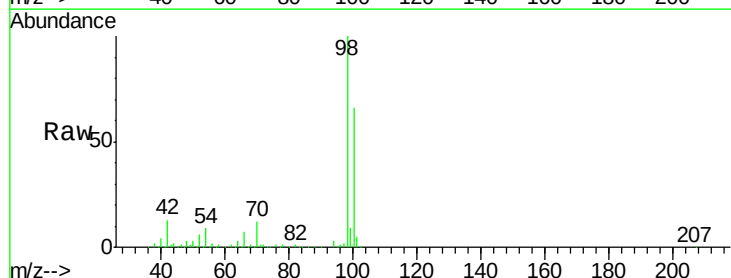
Acq: 31 Mar 2020 14:34

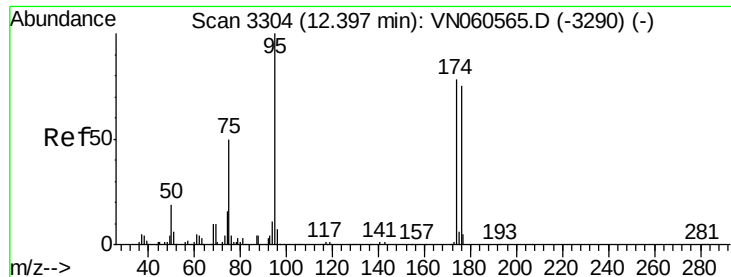
Tgt Ion: 98 Resp: 425136

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8

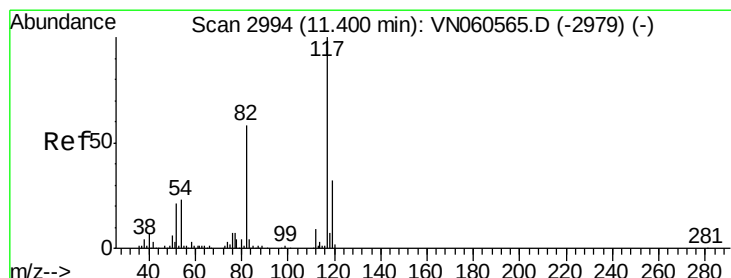
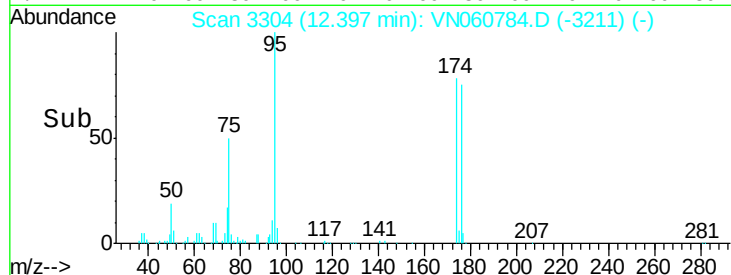
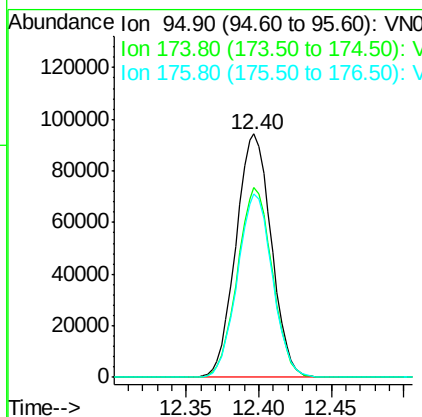
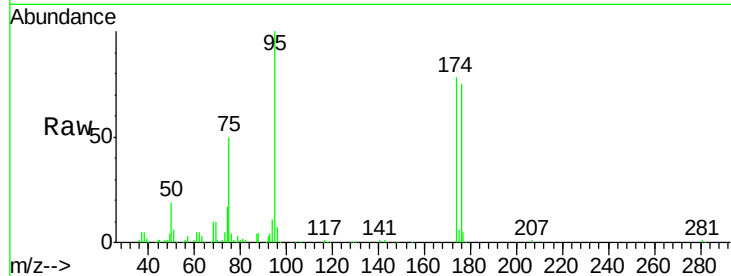




#62
4-Bromofluorobenzene
Concen: 51.573 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060784.D
Acq: 31 Mar 2020 14:34

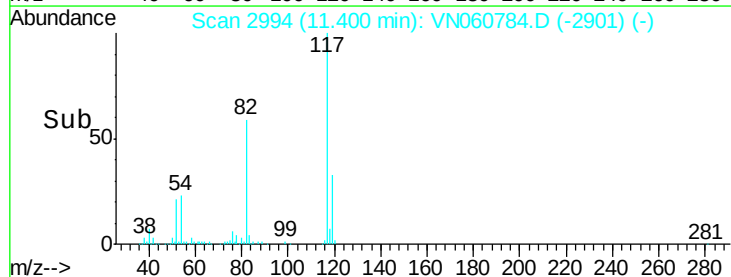
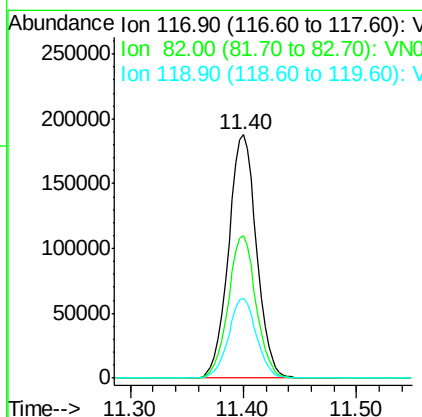
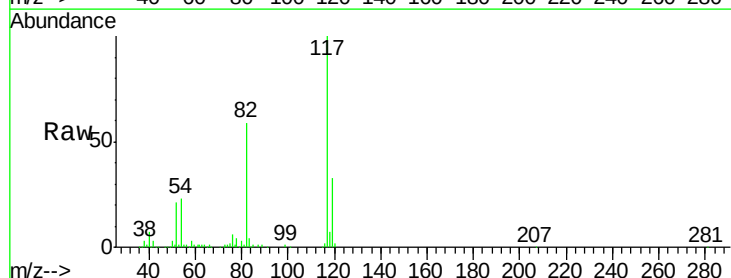
Instrument :
MSVOA_N
ClientSampleId :
HD-02-033020

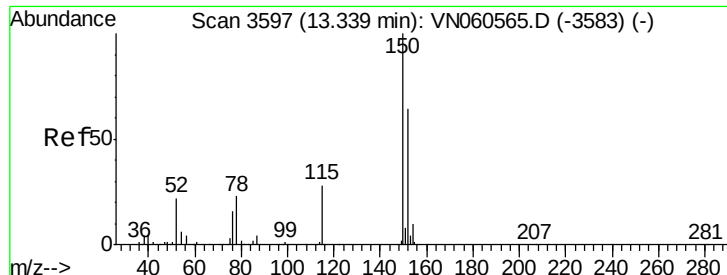
Tot Ion: 95 Resp: 159781
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.6
176 74.6 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060784.D
Acq: 31 Mar 2020 14:34

Tgt Ion: 117 Resp: 322536
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060784.D

Acq: 31 Mar 2020 14:34

Instrument :

MSVOA_N

ClientSampleId :

HD-02-033020

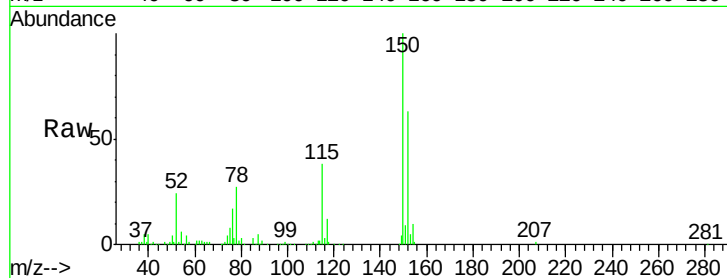
Tot Ion:152 Resp: 142547

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 157.4 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

