

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060739.D
 Acq On : 27 Mar 2020 14:08
 Operator : JC/MD
 Sample : PB127814ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#04

Quant Time: Mar 30 00:45:57 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

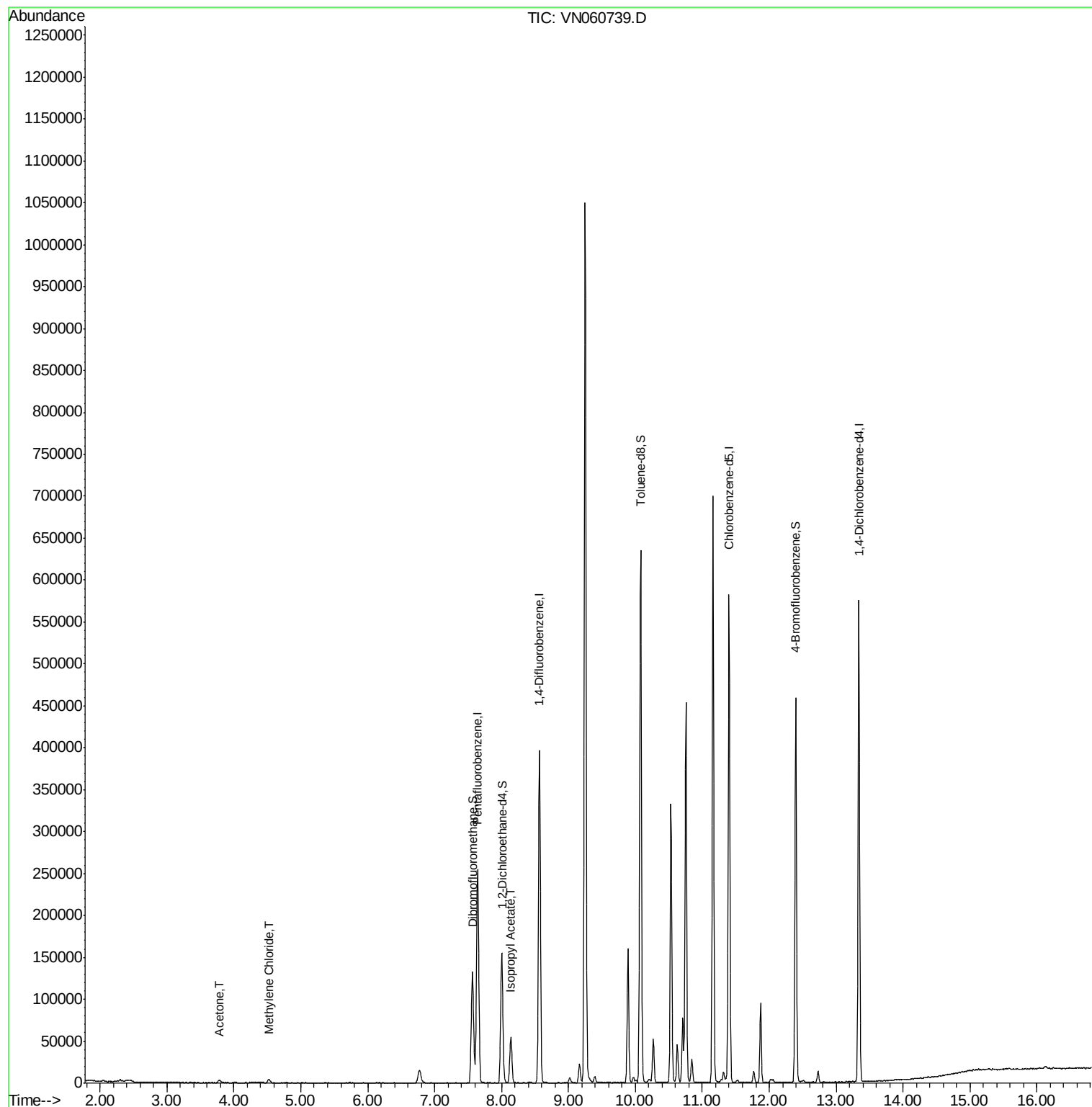
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	346563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	328186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	134067	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.57	113	102697	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.08	98	430113	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.40	95	161679	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
Target Compounds						
16) Acetone	3.78	43	5299	5.261	ug/l	98
20) Methylene Chloride	4.52	84	3028	1.222	ug/l	95
43) Isopropyl Acetate	8.14	43	65256	10.912	ug/l #	91

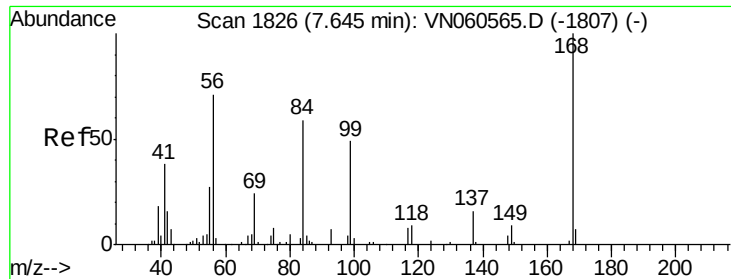
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032720\
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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

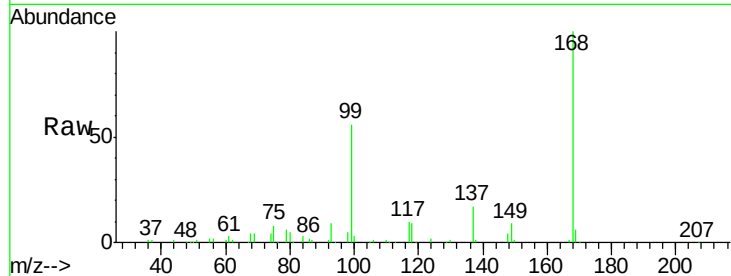
PB127814ZHE#04

Tot Ion:168 Resp: 207122

Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

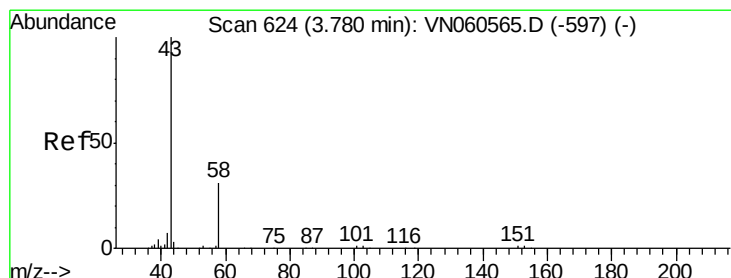
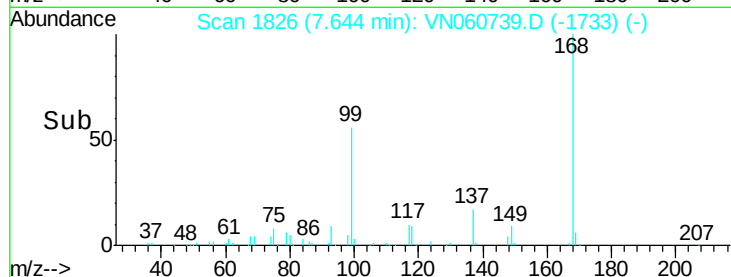
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 5.261 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060739.D

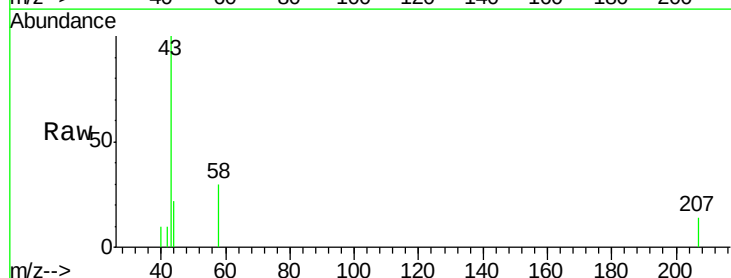
Acq: 27 Mar 2020 14:08

Tgt Ion: 43 Resp: 5299

Ion Ratio Lower Upper

43 100

58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2000

1500

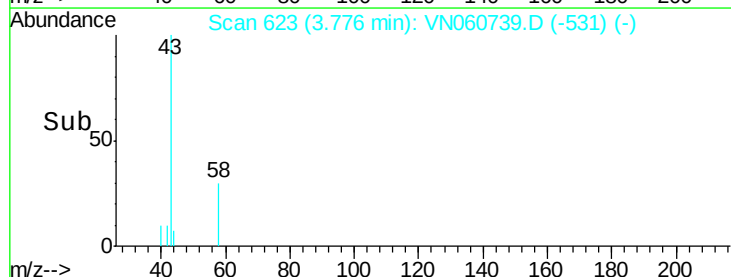
1000

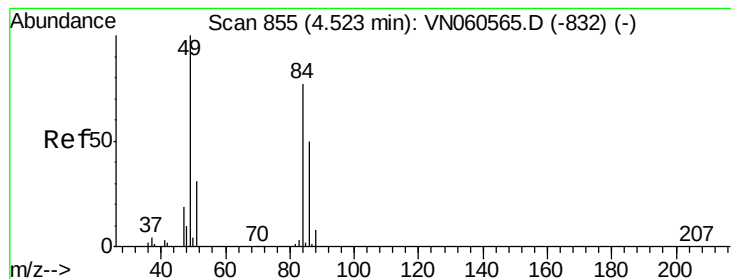
500

0

3.70 3.75 3.80 3.85

Time-->





#20

Methylene Chloride

Concen: 1.222 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#04

Tot Ion: 84 Resp: 3028

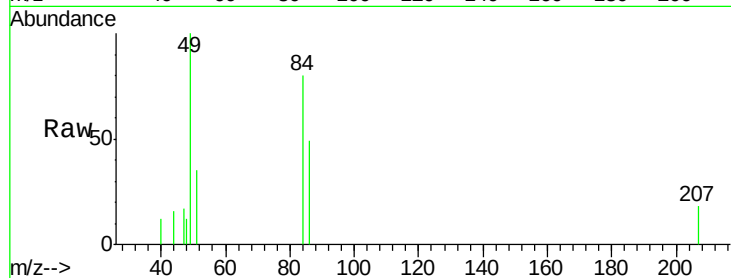
Ion Ratio Lower Upper

84 100

49 124.9 103.3 154.9

51 44.3 31.6 47.4

86 61.7 52.0 78.0

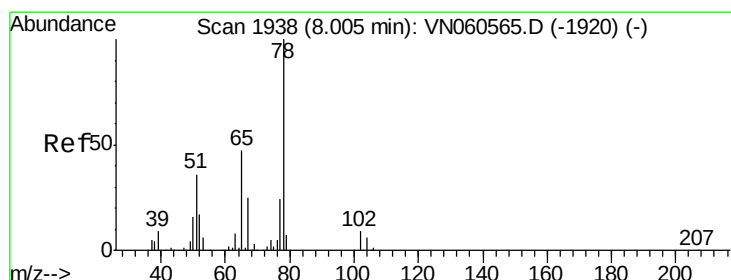
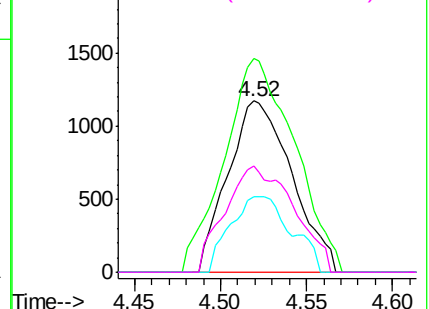
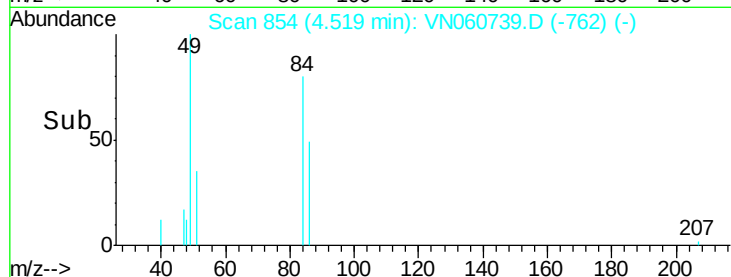


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.152 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060739.D

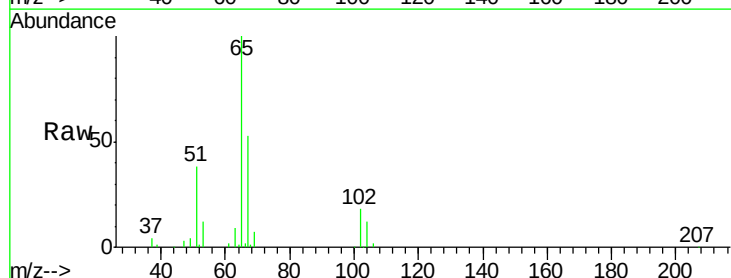
Acq: 27 Mar 2020 14:08

Tgt Ion: 65 Resp: 134067

Ion Ratio Lower Upper

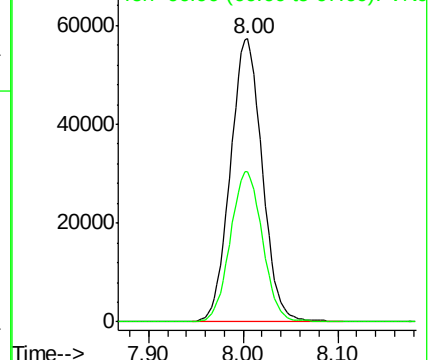
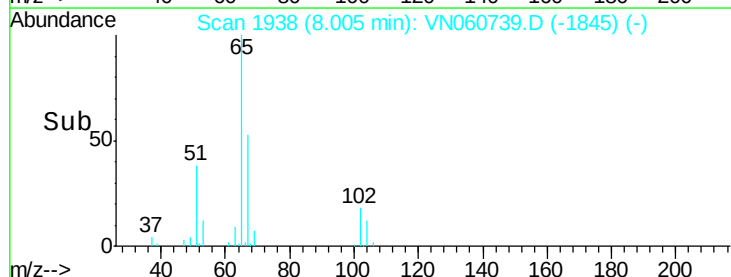
65 100

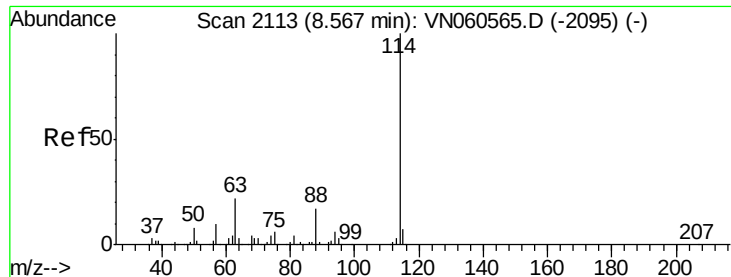
67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

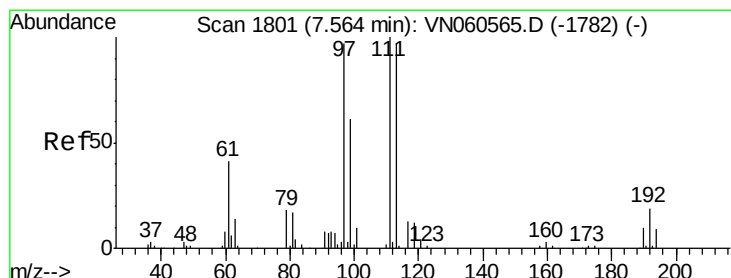
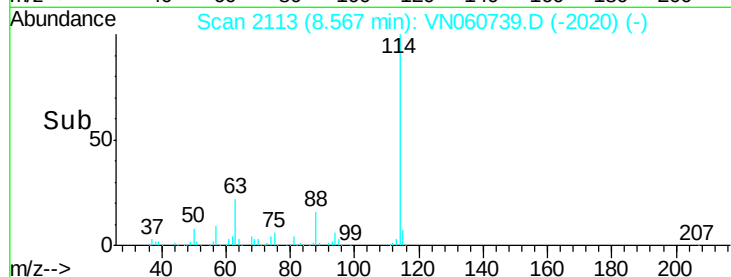
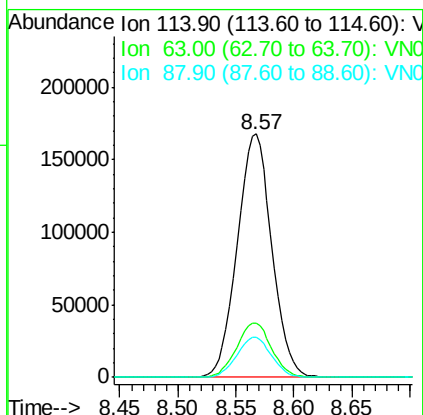
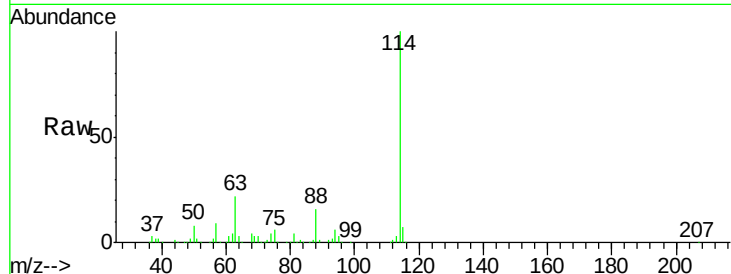




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060739.D
 Acq: 27 Mar 2020 14:08

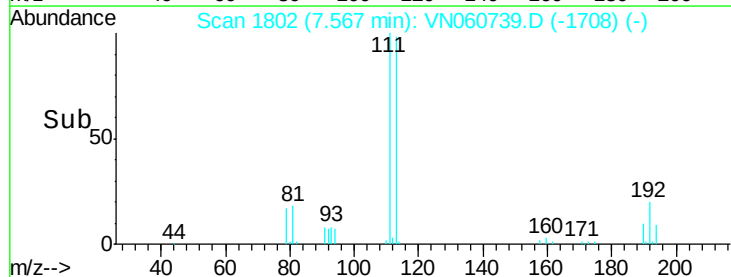
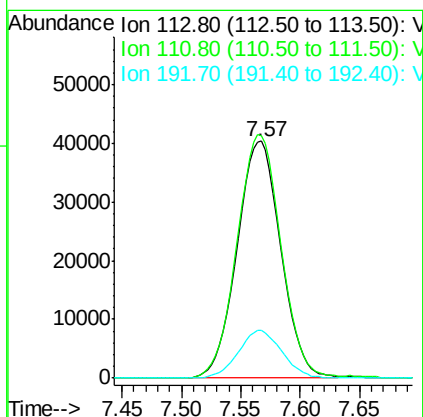
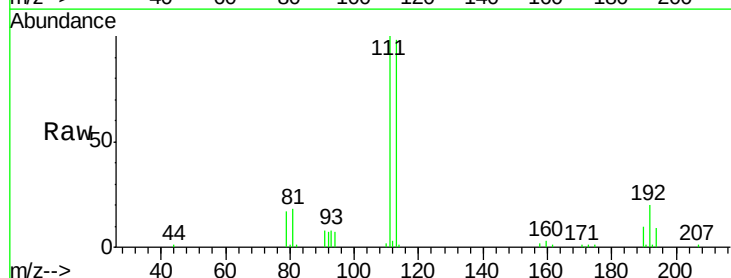
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#04

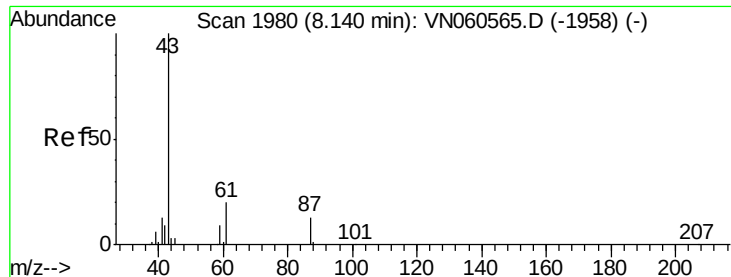
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.8
88	16.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.007 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060739.D
 Acq: 27 Mar 2020 14:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	20.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.912 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#04

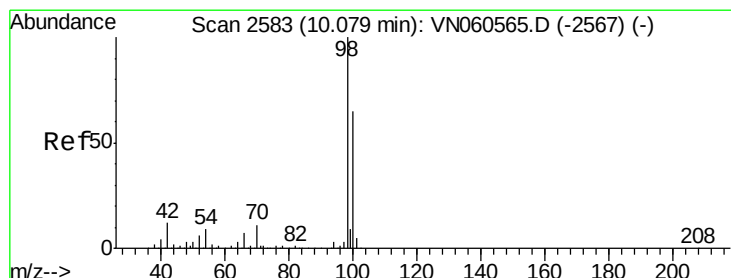
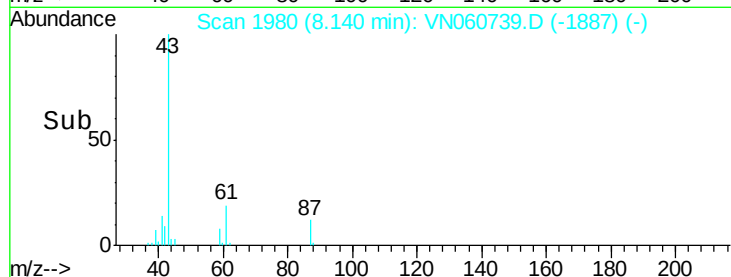
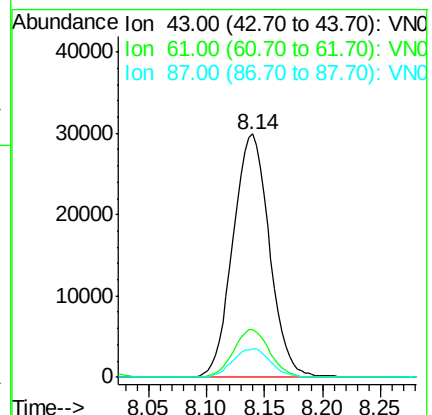
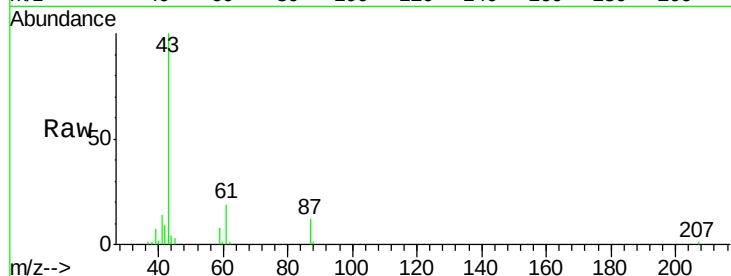
Tot Ion: 43 Resp: 65256

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

87 12.0 9.8 14.8



#50

Toluene-d8

Concen: 50.250 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060739.D

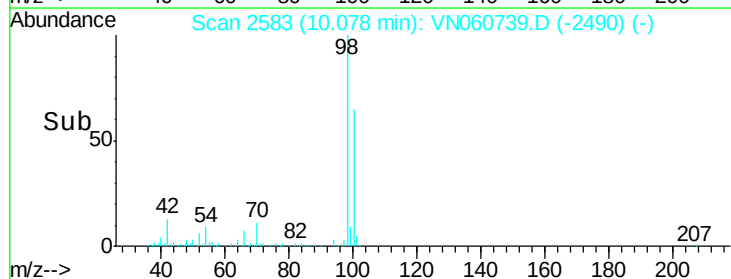
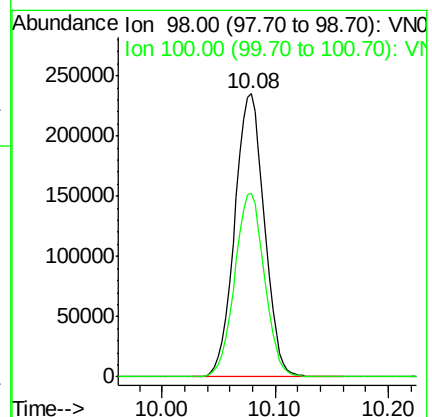
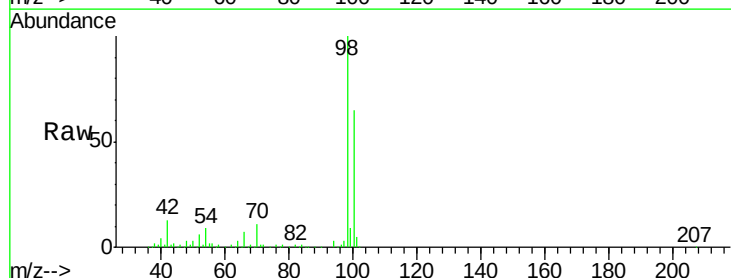
Acq: 27 Mar 2020 14:08

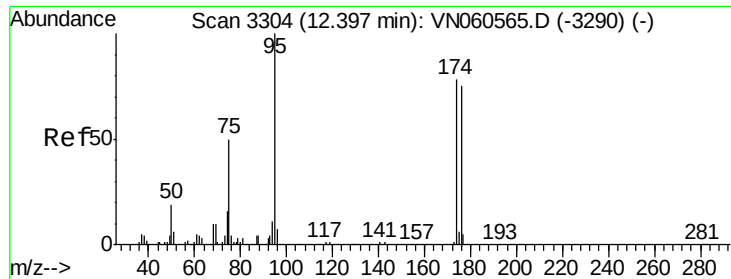
Tgt Ion: 98 Resp: 430113

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.540 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#04

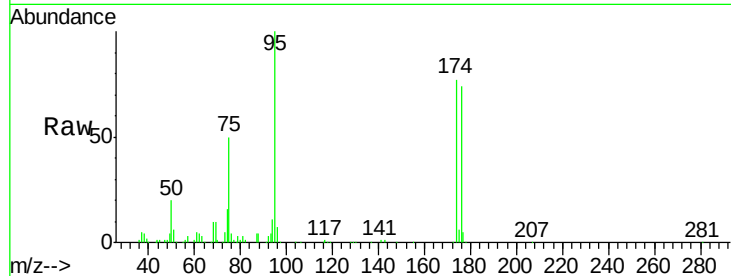
Tot Ion: 95 Resp: 161679

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

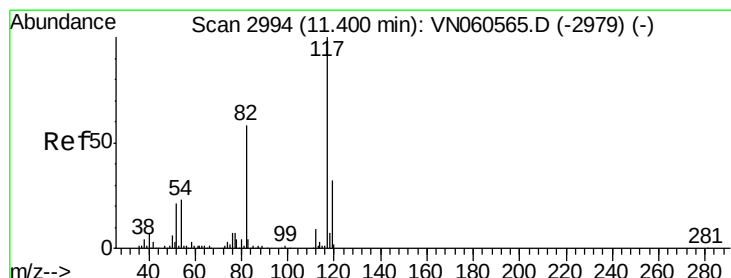
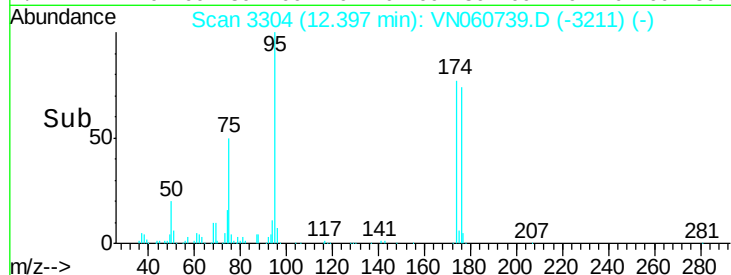
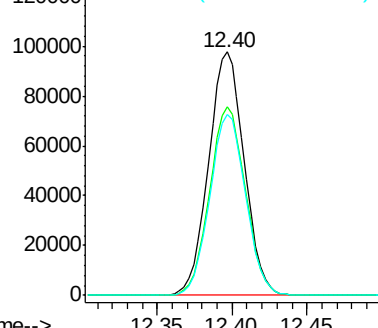
176 74.6 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

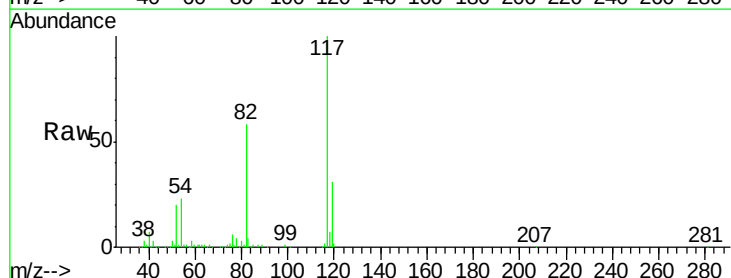
Tgt Ion: 117 Resp: 328186

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

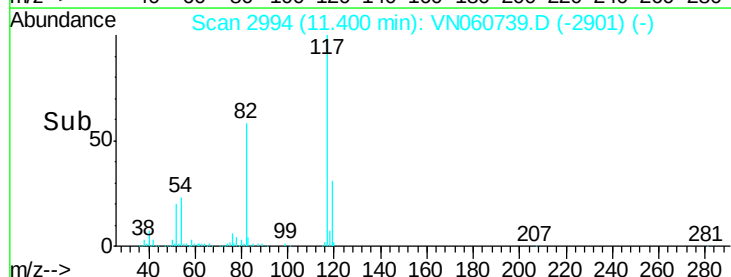
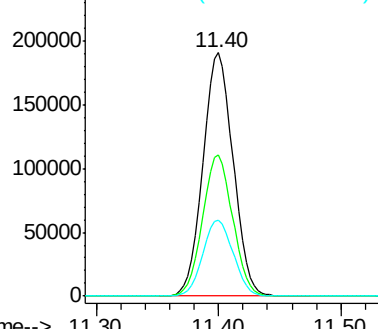
119 31.3 25.5 38.3

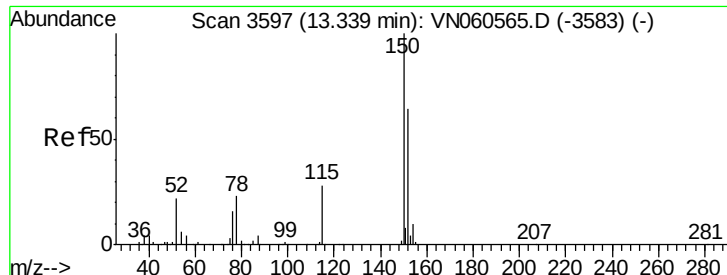


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060739.D

Acq: 27 Mar 2020 14:08

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#04

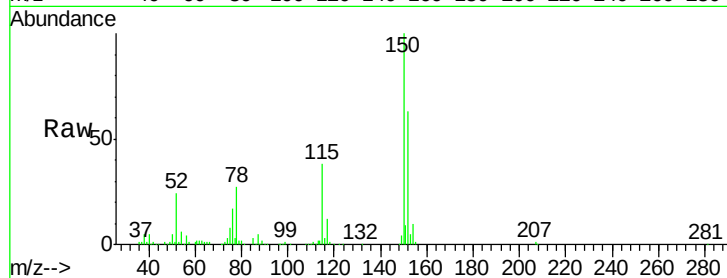
Tot Ion:152 Resp: 148672

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 158.0 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

