

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060749.D
 Acq On : 27 Mar 2020 18:11
 Operator : JC/MD
 Sample : PB127814ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#14

Quant Time: Mar 30 01:07:15 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

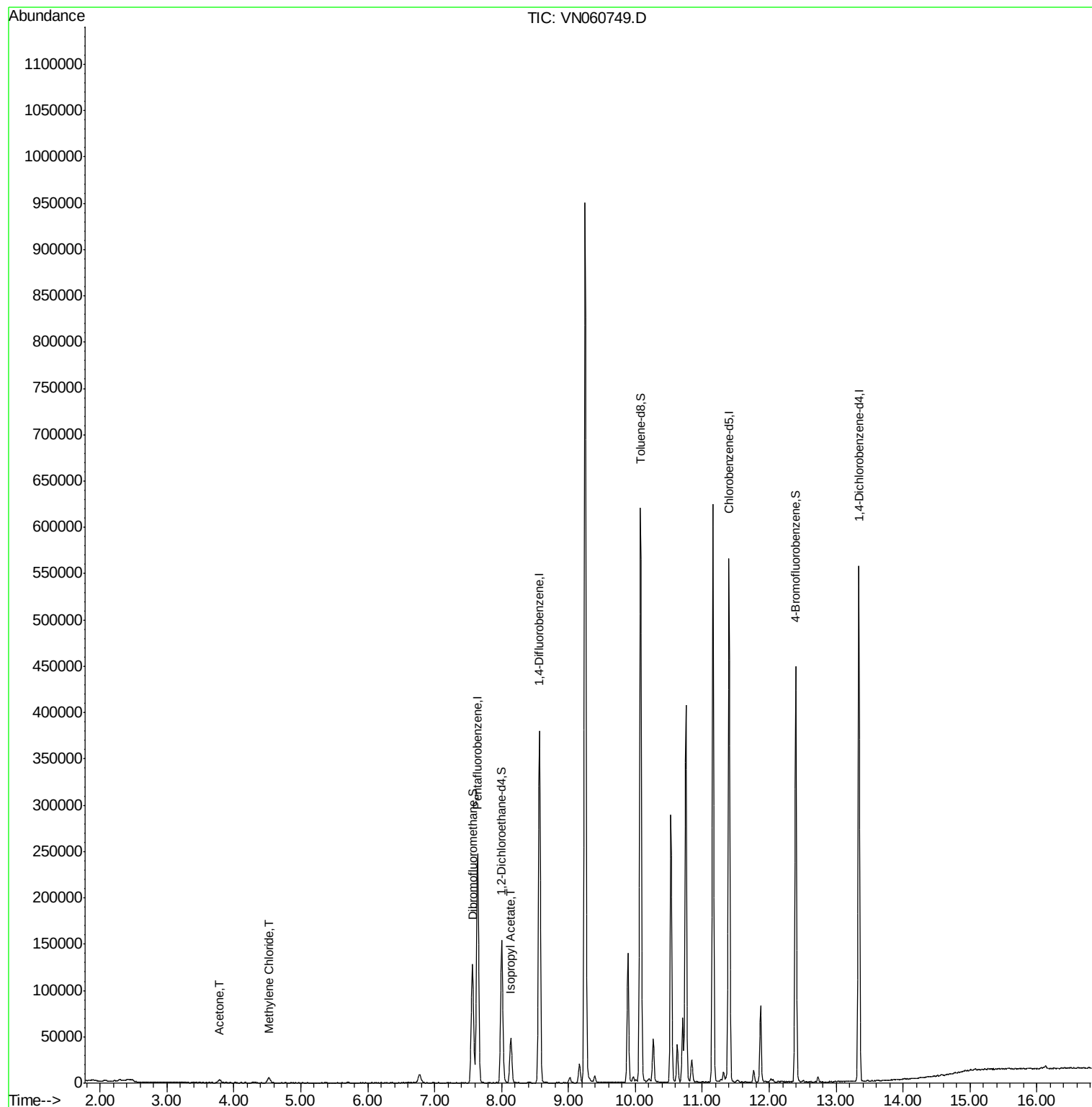
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	338332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131180	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
35) Dibromofluoromethane	7.56	113	100262	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.08	98	414573	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	155479	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
Target Compounds						
16) Acetone	3.78	43	6074	6.199	ug/l	97
20) Methylene Chloride	4.53	84	4343	1.802	ug/l	92
43) Isopropyl Acetate	8.14	43	58545	10.028	ug/l #	91

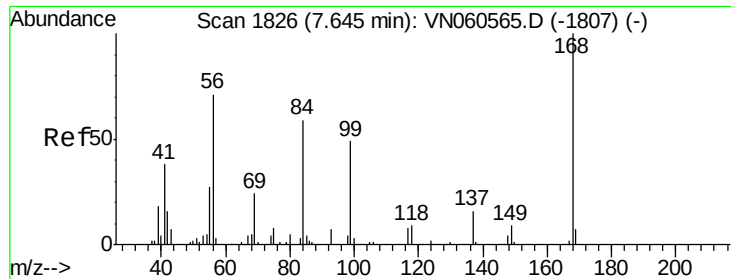
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 1825

Delta R.T. -0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

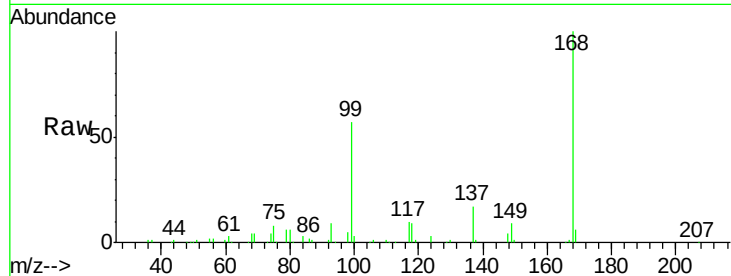
PB127814ZHE#14

Tot Ion:168 Resp: 201491

Ion Ratio Lower Upper

168 100

99 56.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

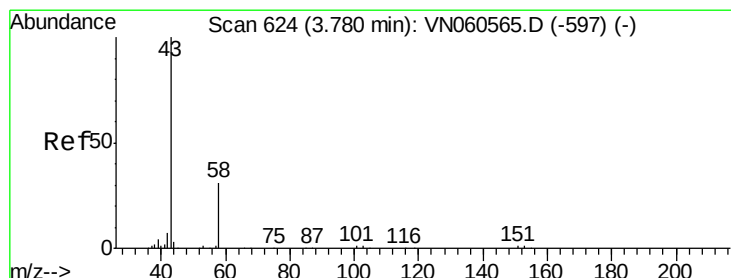
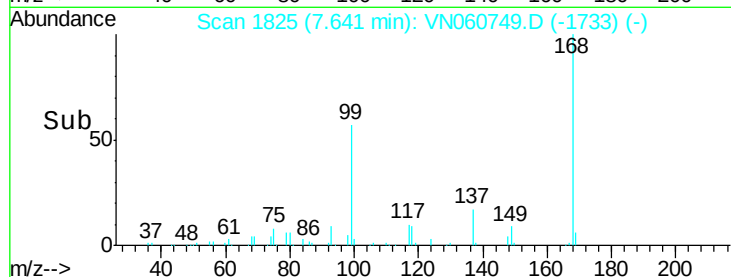
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.199 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060749.D

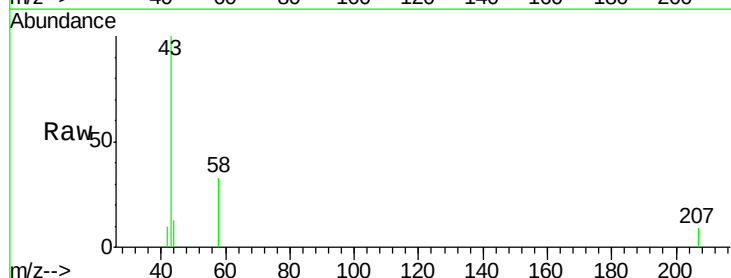
Acq: 27 Mar 2020 18:11

Tgt Ion: 43 Resp: 6074

Ion Ratio Lower Upper

43 100

58 33.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2000

1500

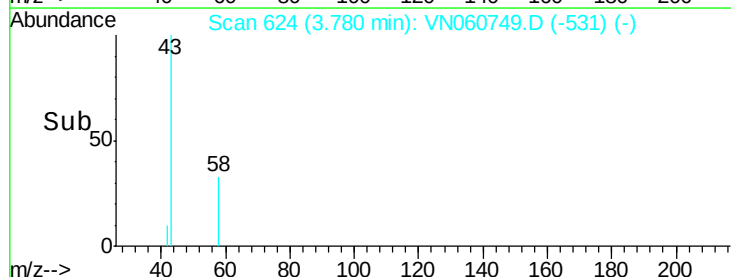
1000

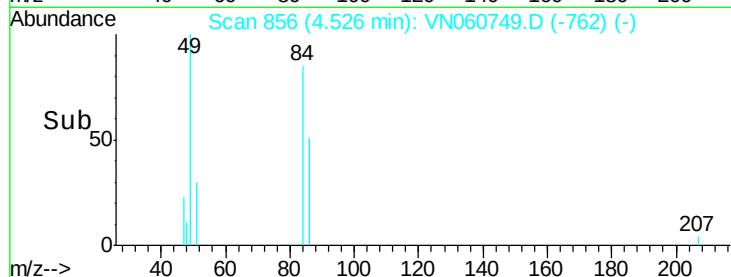
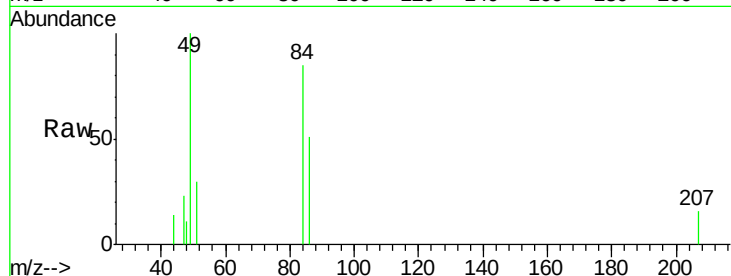
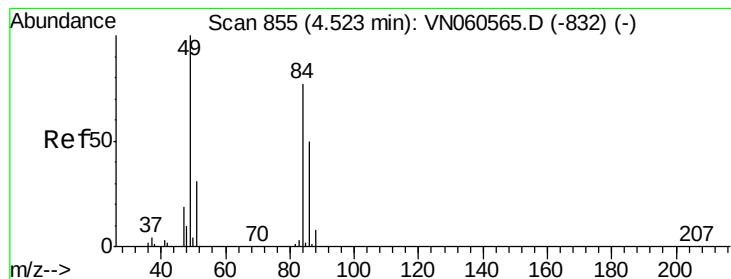
500

0

3.70 3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 1.802 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#14

Tot Ion: 84 Resp: 4343

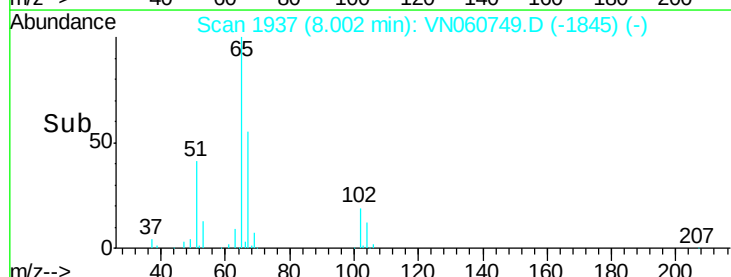
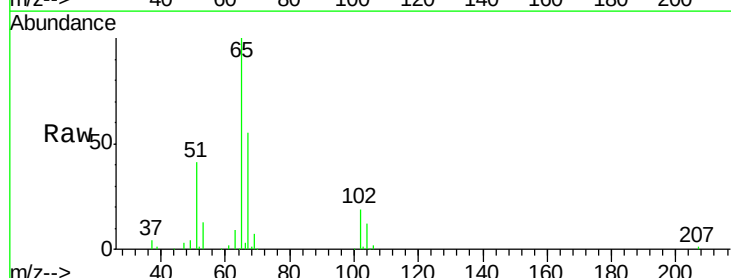
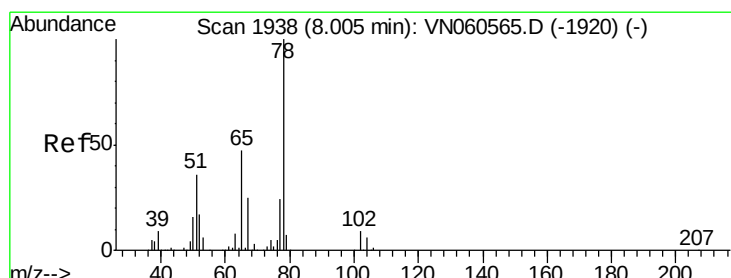
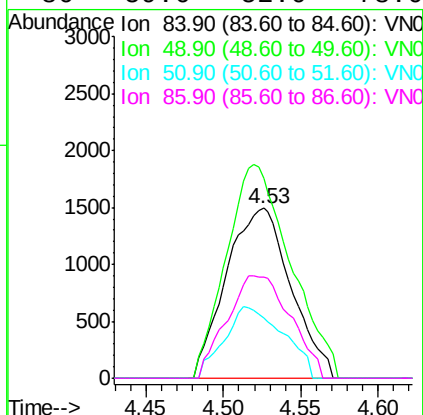
Ion Ratio Lower Upper

84 100

49 117.9 103.3 154.9

51 35.7 31.6 47.4

86 59.6 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 47.426 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060749.D

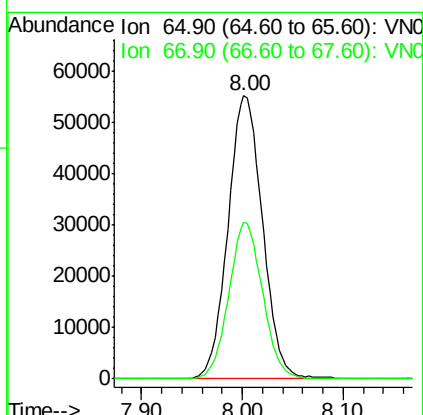
Acq: 27 Mar 2020 18:11

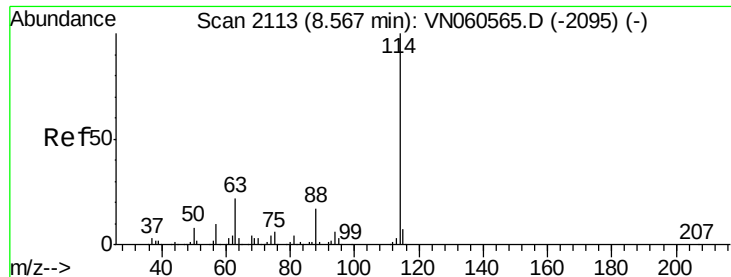
Tgt Ion: 65 Resp: 131180

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.6

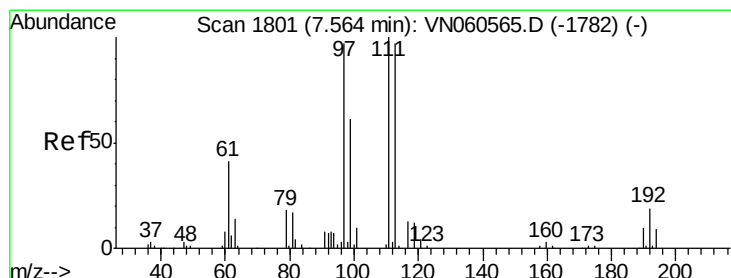
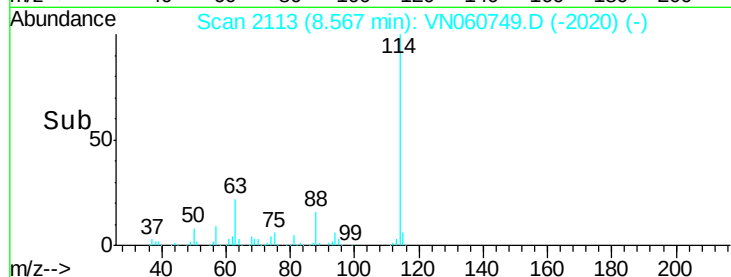
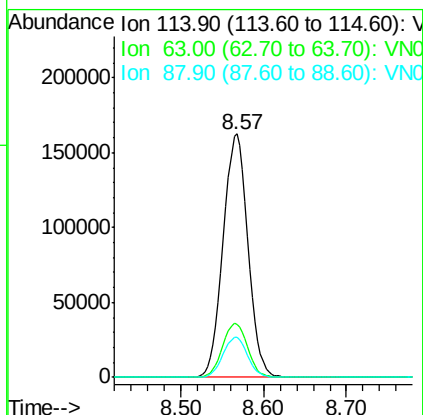
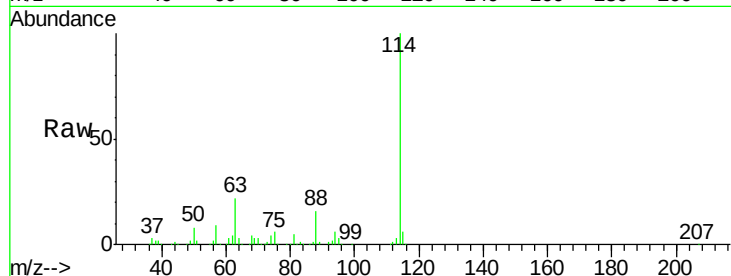




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060749.D
 Acq: 27 Mar 2020 18:11

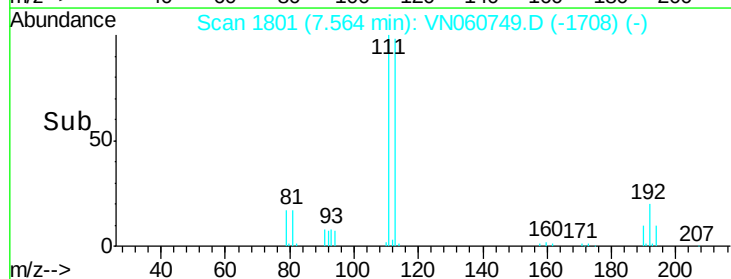
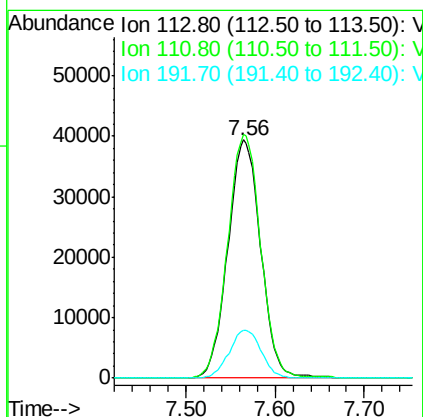
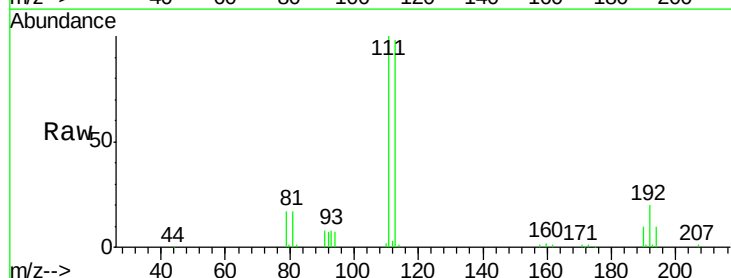
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#14

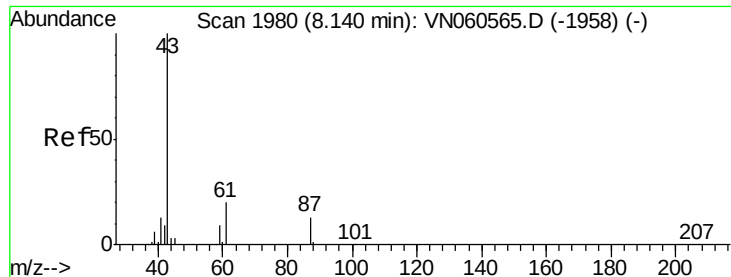
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	16.5	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.009 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060749.D
 Acq: 27 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	19.7	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.028 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#14

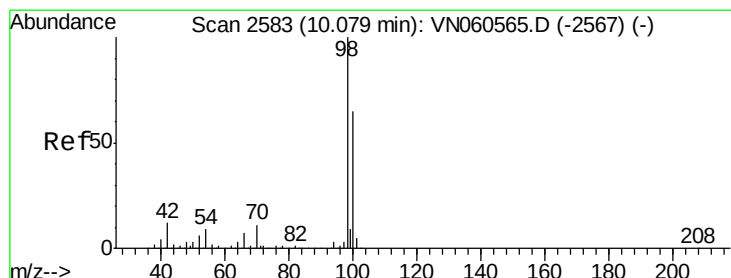
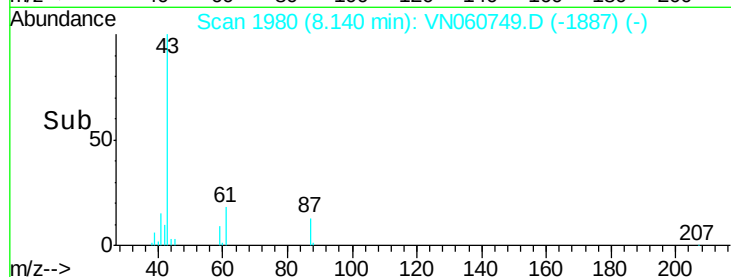
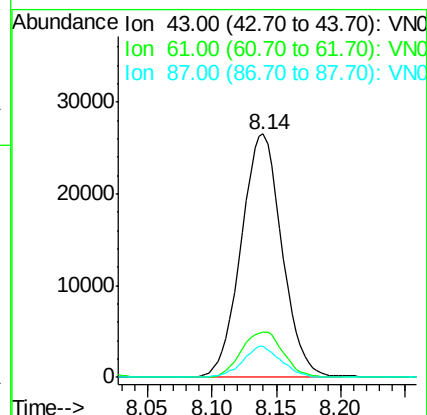
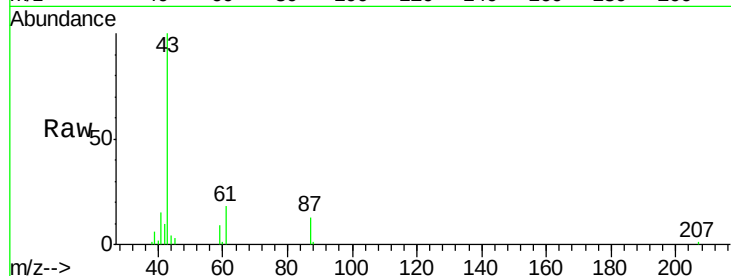
Tot Ion: 43 Resp: 58545

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 49.612 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060749.D

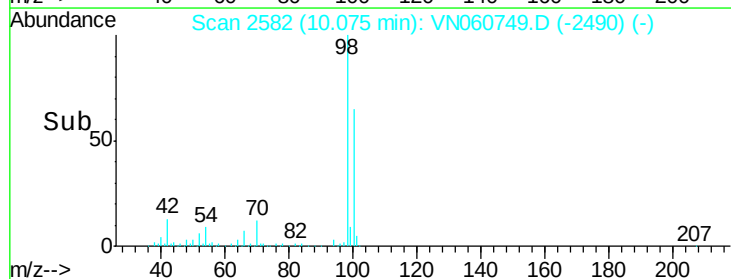
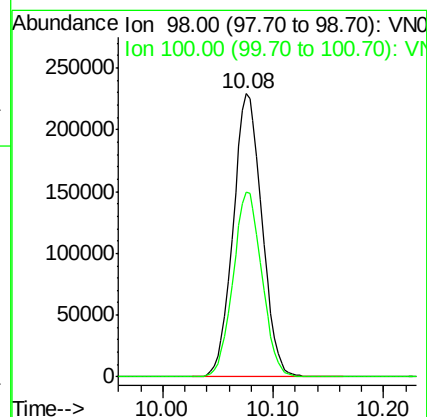
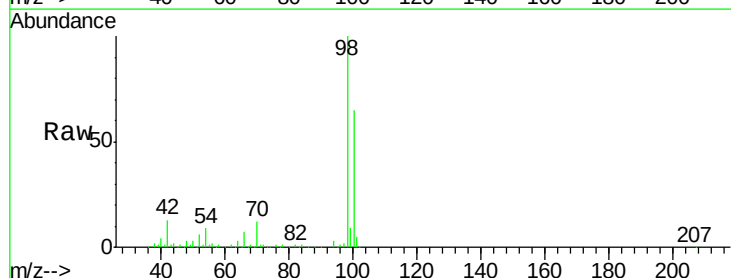
Acq: 27 Mar 2020 18:11

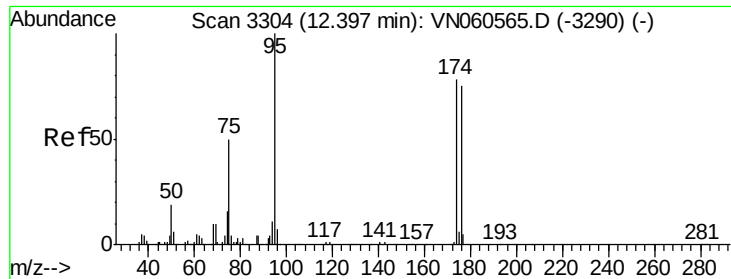
Tgt Ion: 98 Resp: 414573

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.770 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#14

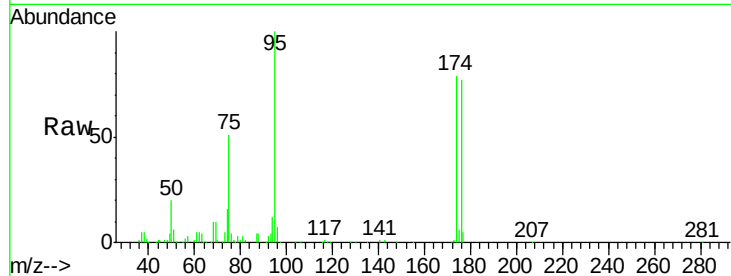
Tot Ion: 95 Resp: 155479

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

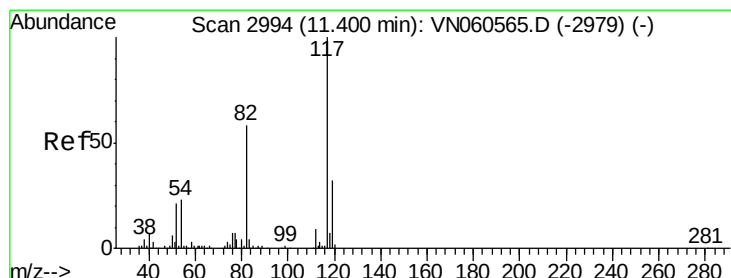
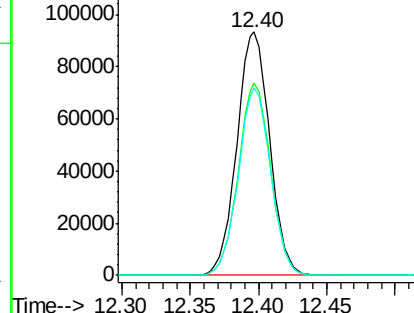
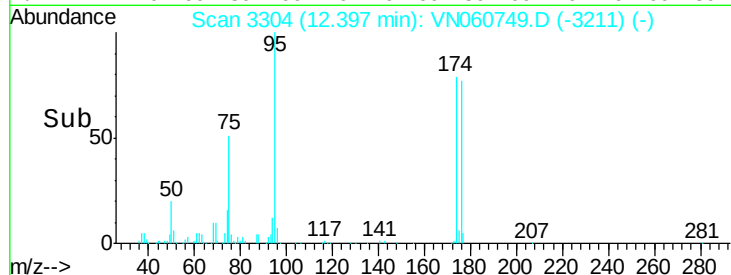
176 76.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060749.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060749.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060749.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

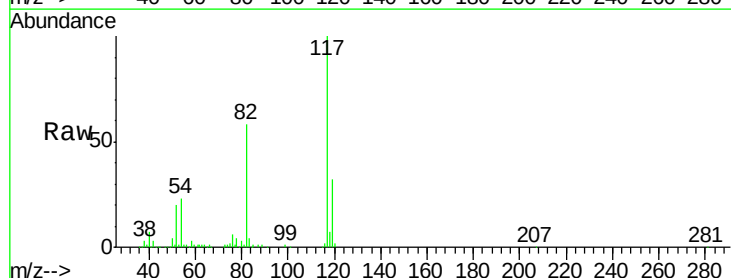
Tgt Ion: 117 Resp: 317322

Ion Ratio Lower Upper

117 100

82 58.3 46.7 70.1

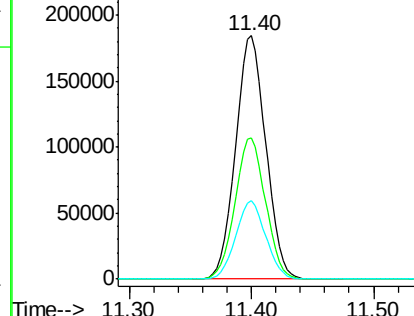
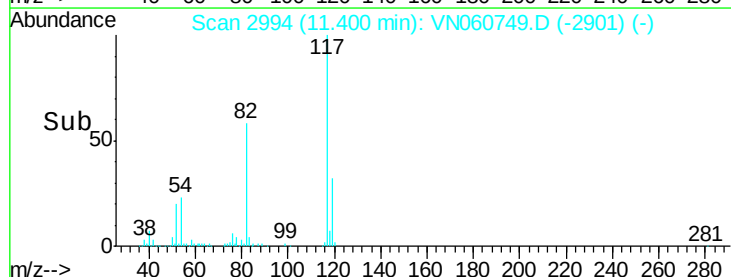
119 32.2 25.5 38.3

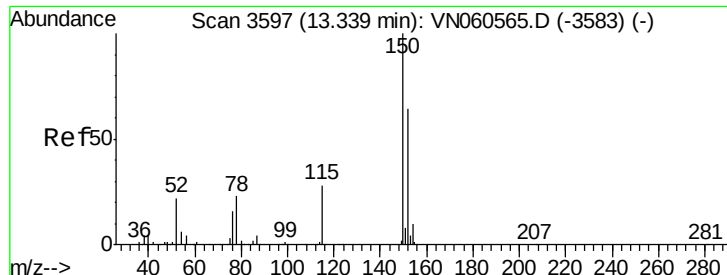


Abundance Ion 116.90 (116.60 to 117.60): VN060749.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060749.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060749.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060749.D

Acq: 27 Mar 2020 18:11

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#14

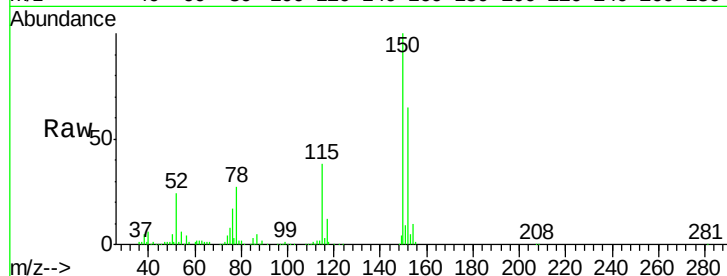
Tot Ion:152 Resp: 144186

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

150 157.0 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

