

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060845.D
 Acq On : 6 Apr 2020 12:56
 Operator : JC/MD
 Sample : L2117-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-040220

Quant Time: Apr 07 07:34:34 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

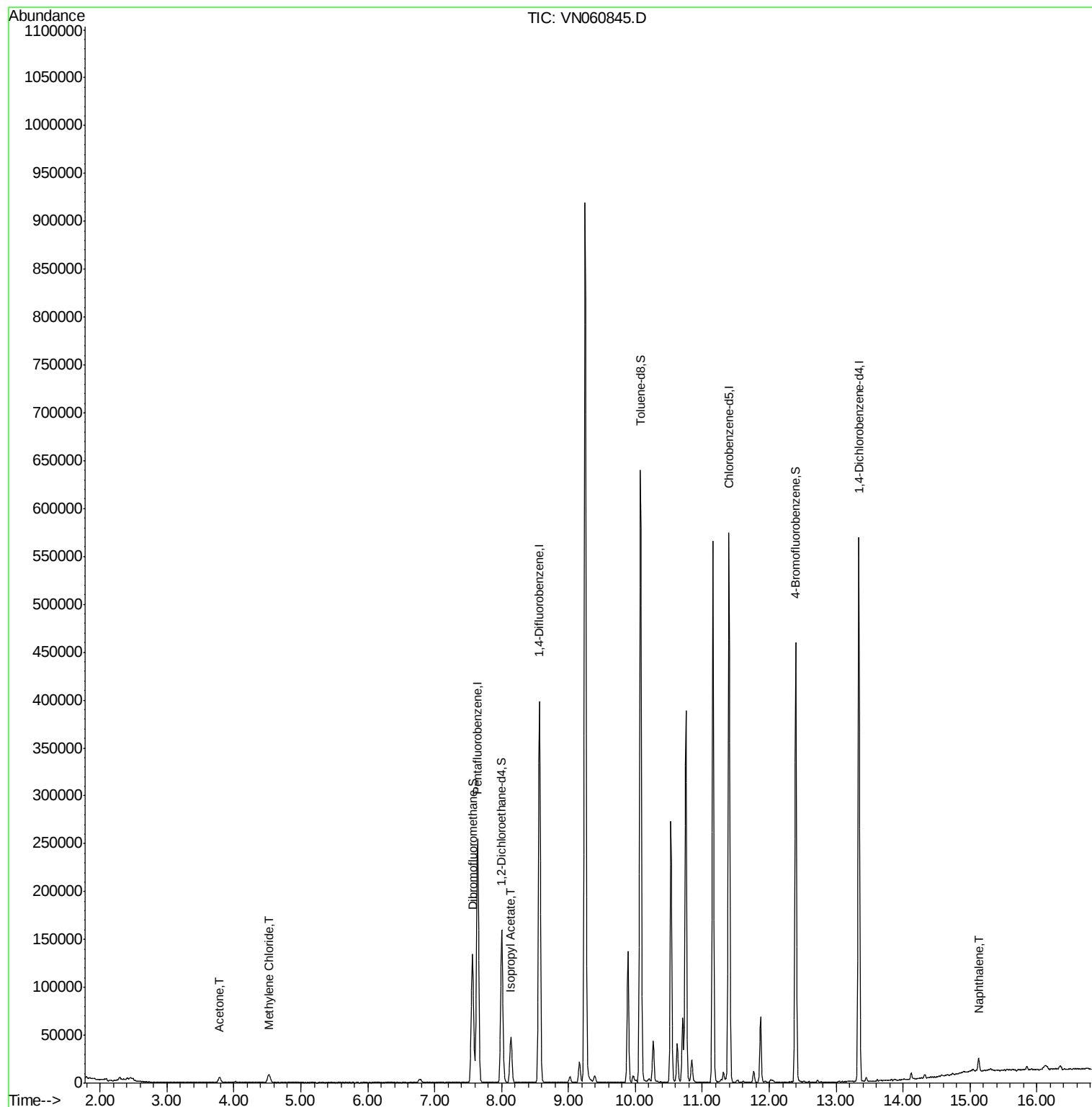
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	210265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	352352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	328309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	136195	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
35) Dibromofluoromethane	7.57	113	104025	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.08	98	433222	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	161075	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
16) Acetone	3.78	43	10362	10.135	ug/l	98
20) Methylene Chloride	4.52	84	6700	2.664	ug/l	97
43) Isopropyl Acetate	8.14	43	58231	9.578	ug/l #	91
95) Naphthalene	15.13	128	11855	1.416	ug/l #	97

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

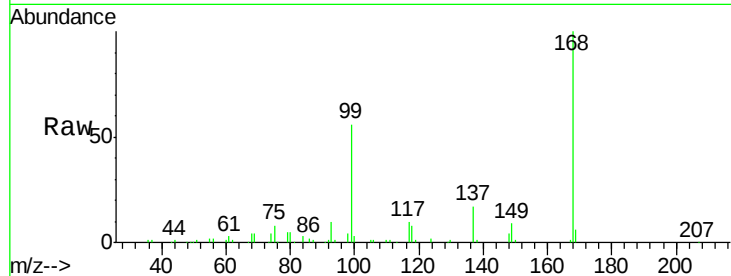
OK-03-040220

Tot Ion:168 Resp: 210265

Ion Ratio Lower Upper

168 100

99 56.5 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

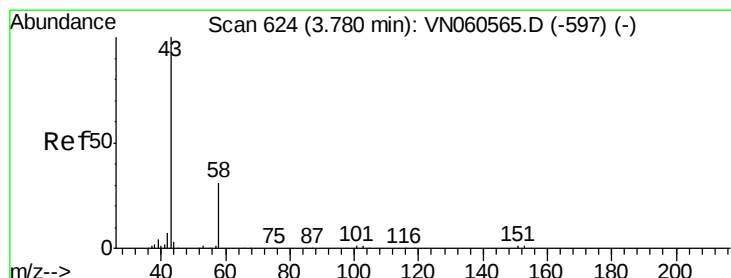
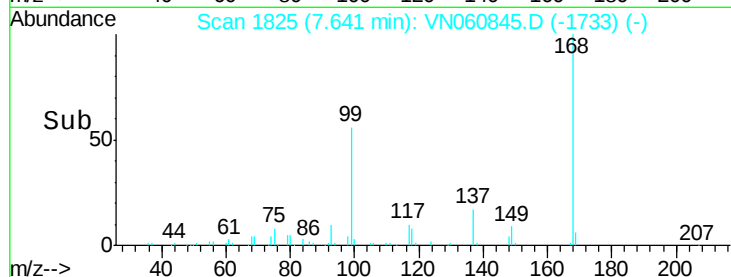
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.135 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060845.D

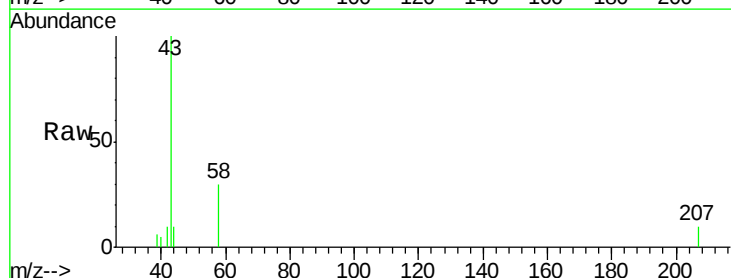
Acq: 6 Apr 2020 12:56

Tgt Ion: 43 Resp: 10362

Ion Ratio Lower Upper

43 100

58 30.2 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

4000

3000

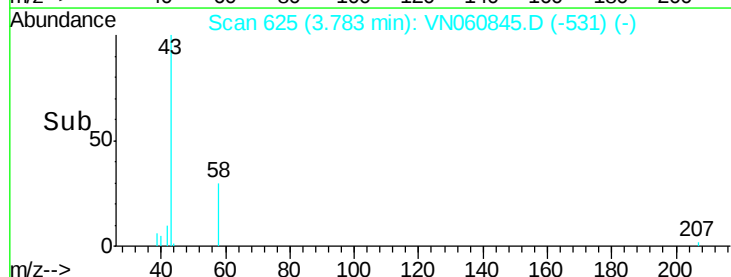
2000

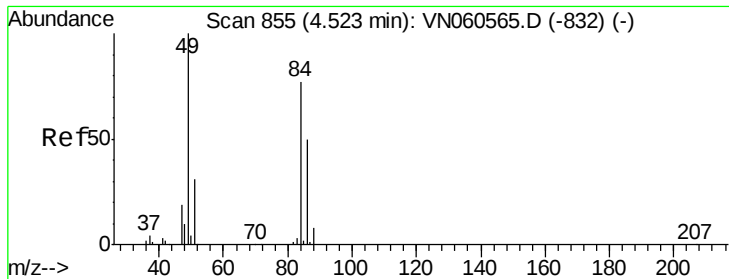
1000

0

3.70 3.80 3.90

Time-->

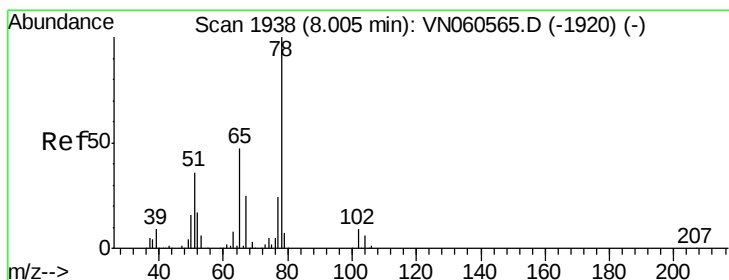
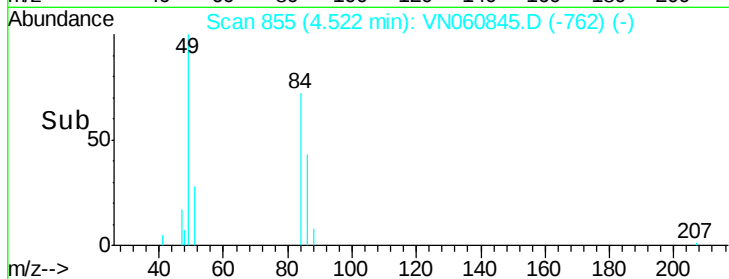
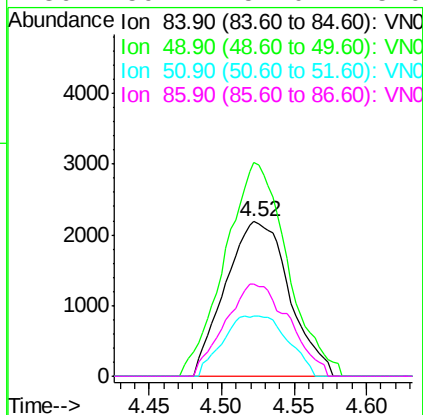
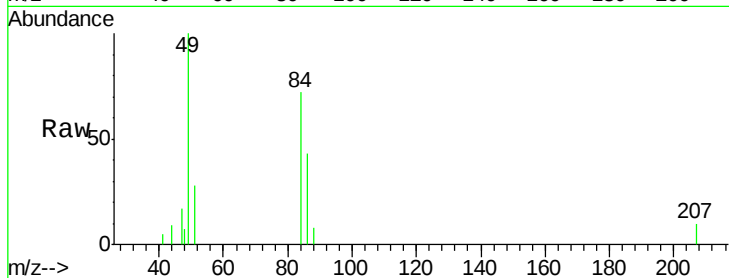




#20
Methvlene Chloride
Concen: 2.664 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060845.D
Acq: 6 Apr 2020 12:56

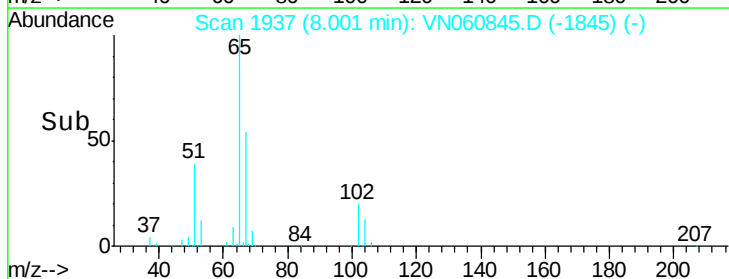
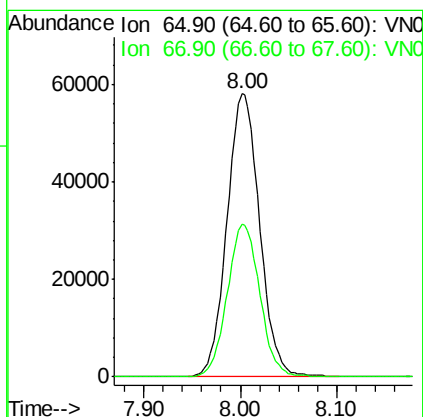
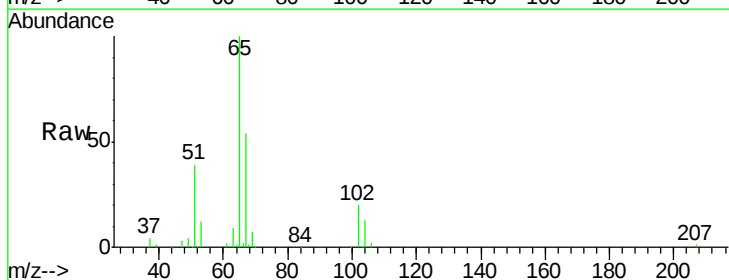
Instrument :
MSVOA_N
ClientSampleId :
OK-03-040220

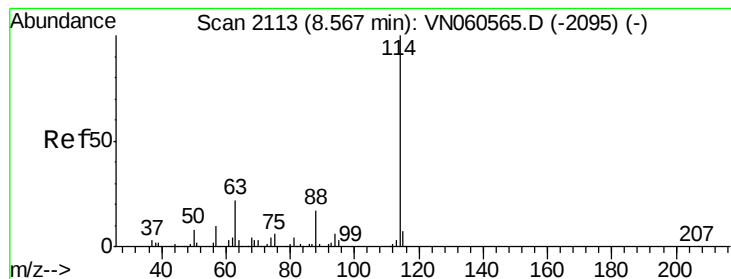
Tot Ion: 84 Resp: 6700
Ion Ratio Lower Upper
84 100
49 130.4 103.3 154.9
51 38.8 31.6 47.4
86 59.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.184 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060845.D
Acq: 6 Apr 2020 12:56

Tgt Ion: 65 Resp: 136195
Ion Ratio Lower Upper
65 100
67 53.6 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: VN060845.D

Acq: 6 Apr 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

OK-03-040220

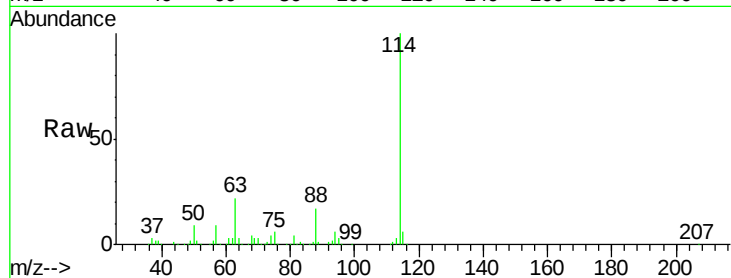
Tot Ion:114 Resp: 352352

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

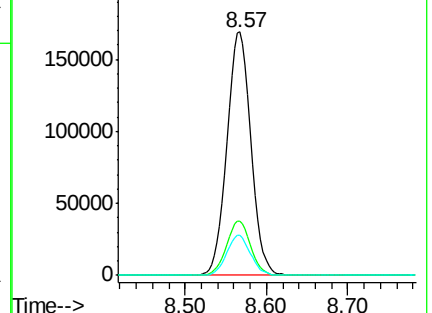
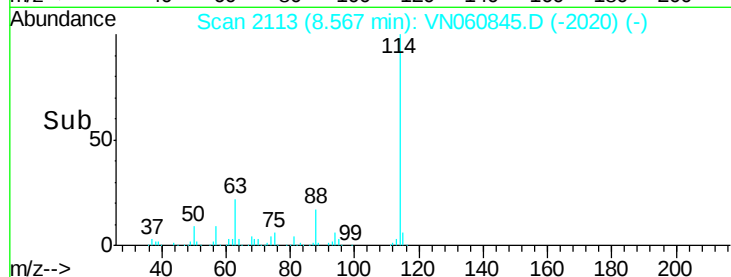
88 16.5 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

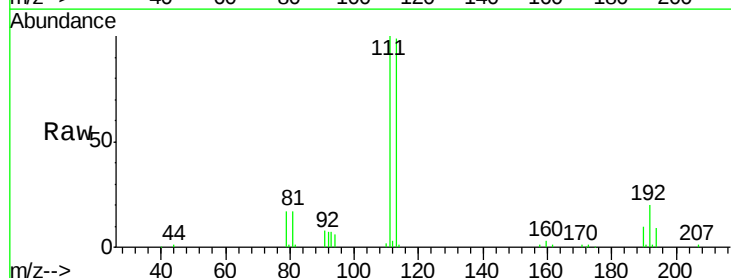
Tgt Ion:113 Resp: 104025

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

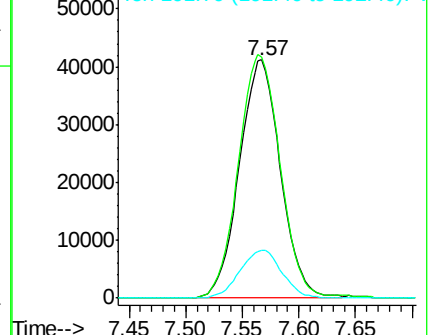
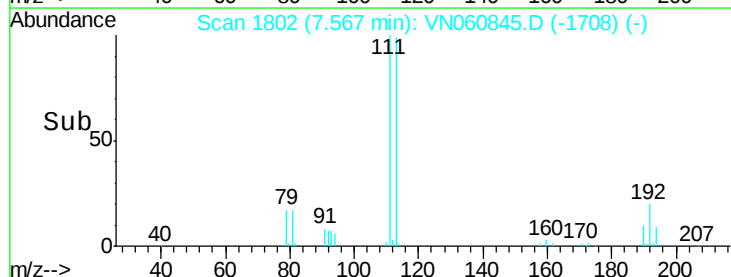
192 20.4 15.8 23.8

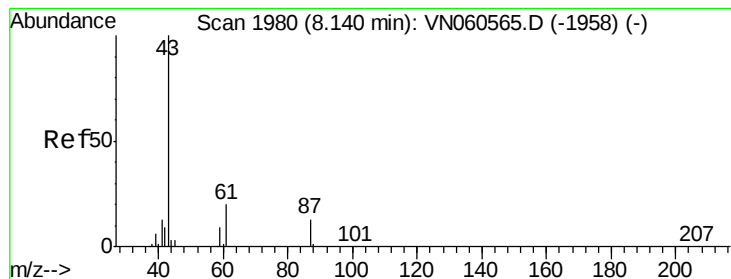


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.578 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

Instrument :

MSVOA_N

ClientSampled :

OK-03-040220

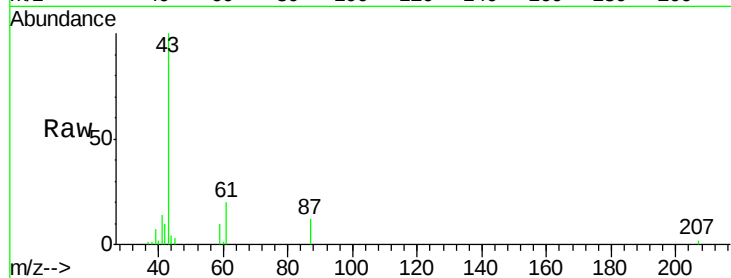
Tot Ion: 43 Resp: 58231

Ion Ratio Lower Upper

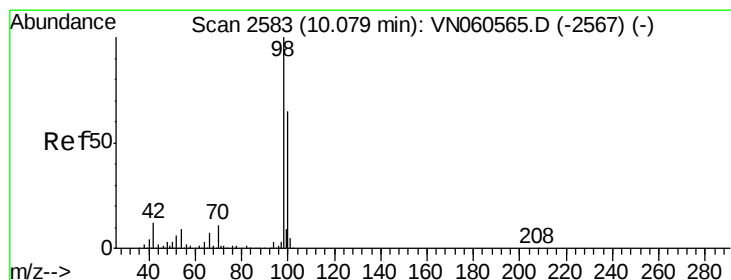
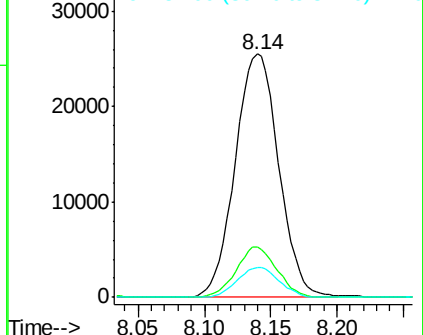
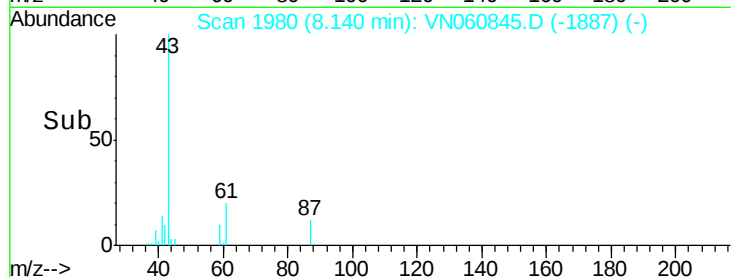
43 100

61 19.3 20.7 31.1#

87 11.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060845.D (-1887) (-)



#50

Toluene-d8

Concen: 49.781 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060845.D

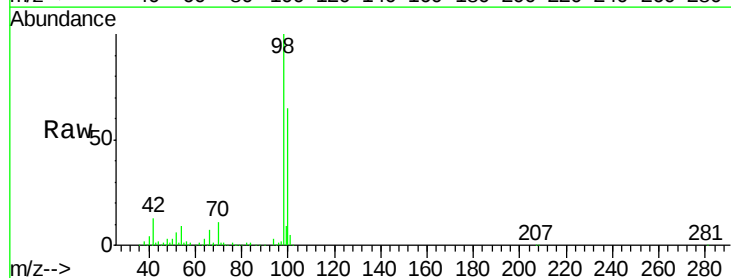
Acq: 6 Apr 2020 12:56

Tgt Ion: 98 Resp: 433222

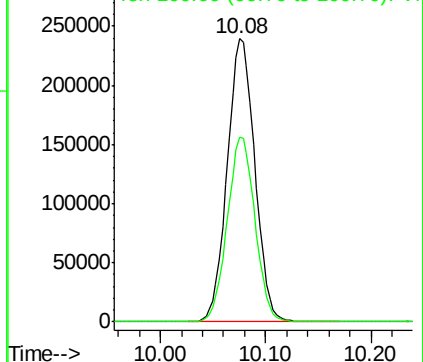
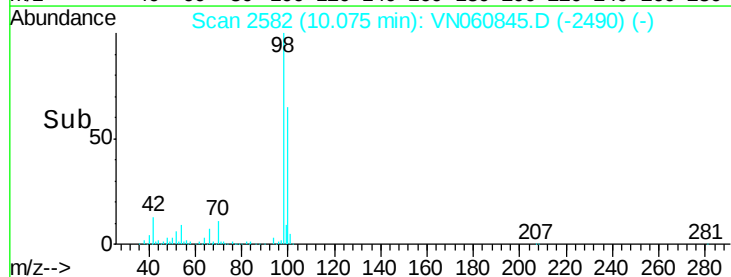
Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060845.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 50.504 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

OK-03-040220

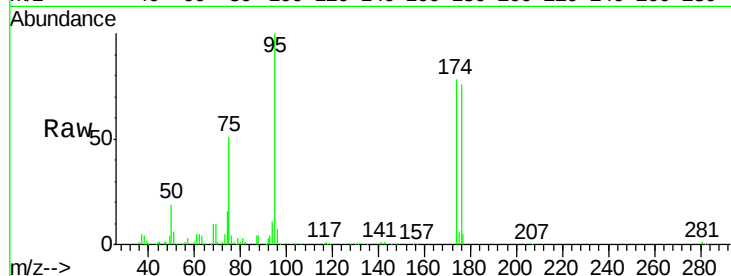
Tot Ion: 95 Resp: 161075

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

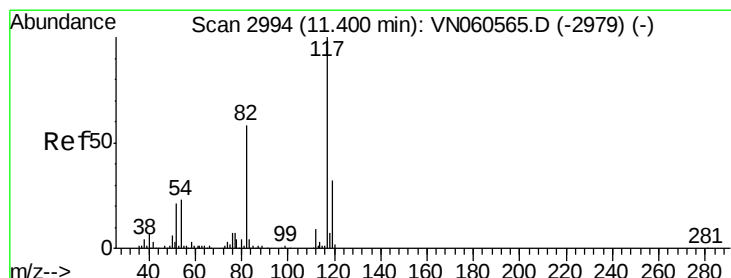
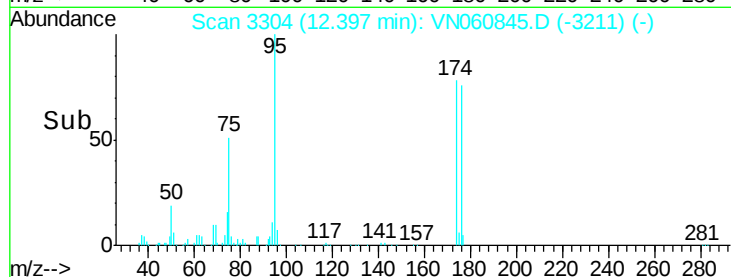
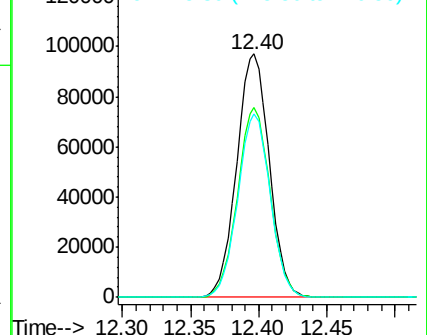
176 75.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060845.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060845.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060845.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

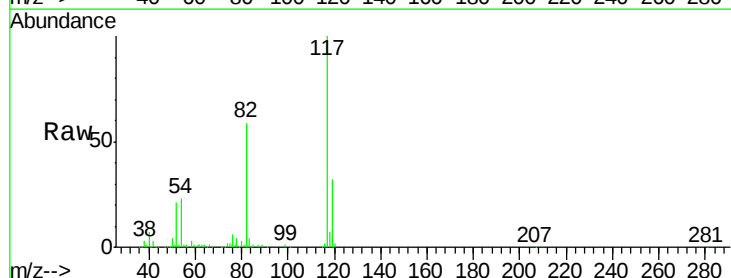
Tgt Ion: 117 Resp: 328309

Ion Ratio Lower Upper

117 100

82 59.0 46.7 70.1

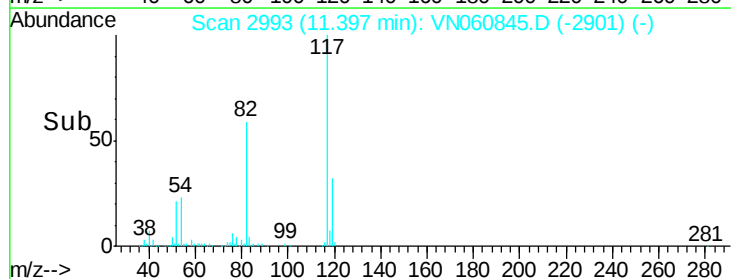
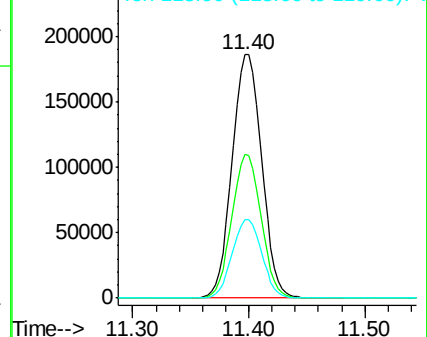
119 32.1 25.5 38.3

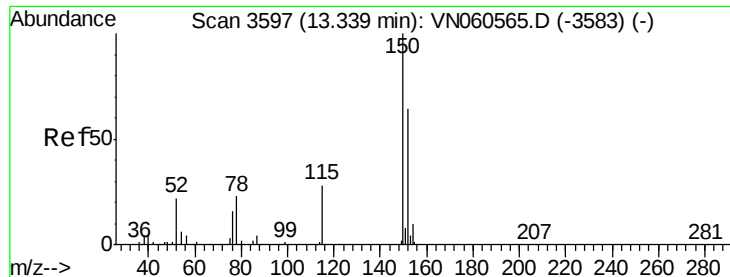


Abundance Ion 116.90 (116.60 to 117.60): VN060845.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060845.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060845.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

Instrument :

MSVOA_N

ClientSampleId :

OK-03-040220

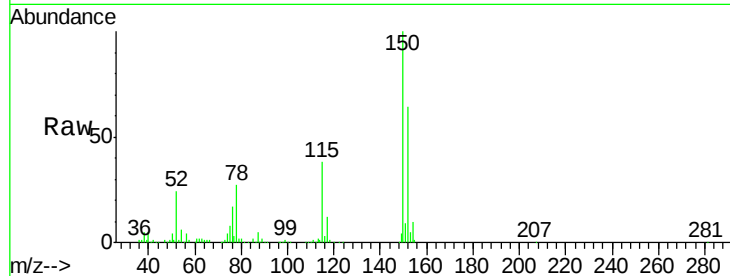
Tot Ion:152 Resp: 148668

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

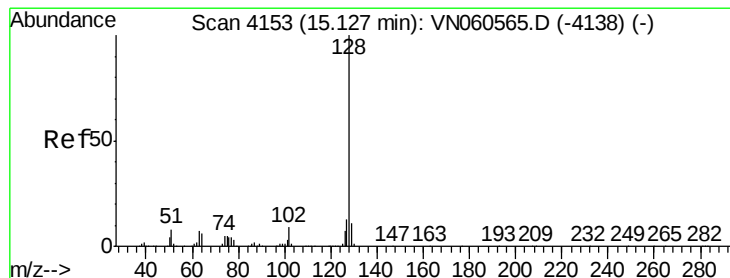
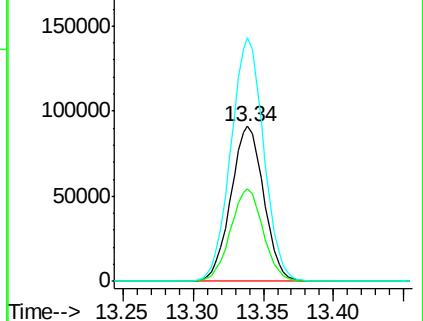
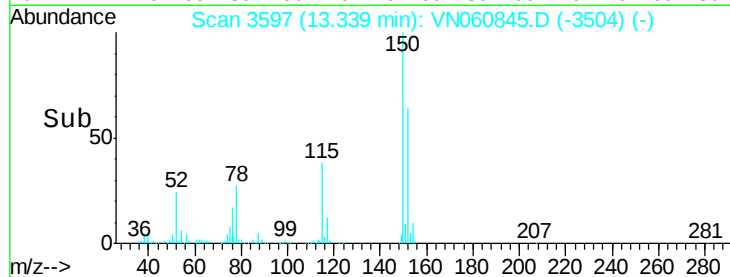
150 156.9 0.0 350.2



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



#95

Naphthalene

Concen: 1.416 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060845.D

Acq: 6 Apr 2020 12:56

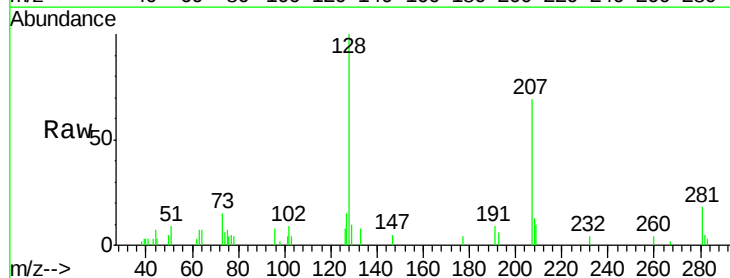
Tgt Ion:128 Resp: 11855

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 8.6 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

