

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062730.D
 Acq On : 3 Aug 2020 13:01
 Operator : JC/MD
 Sample : L3539-01 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I-OC-5

Quant Time: Aug 04 07:42:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	119878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	208768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	207113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86357	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	102072	54.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.62%	
35) Dibromofluoromethane	7.55	113	70616	51.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.00%	
50) Toluene-d8	10.06	98	271679	49.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.38	95	107260	53.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.22%	

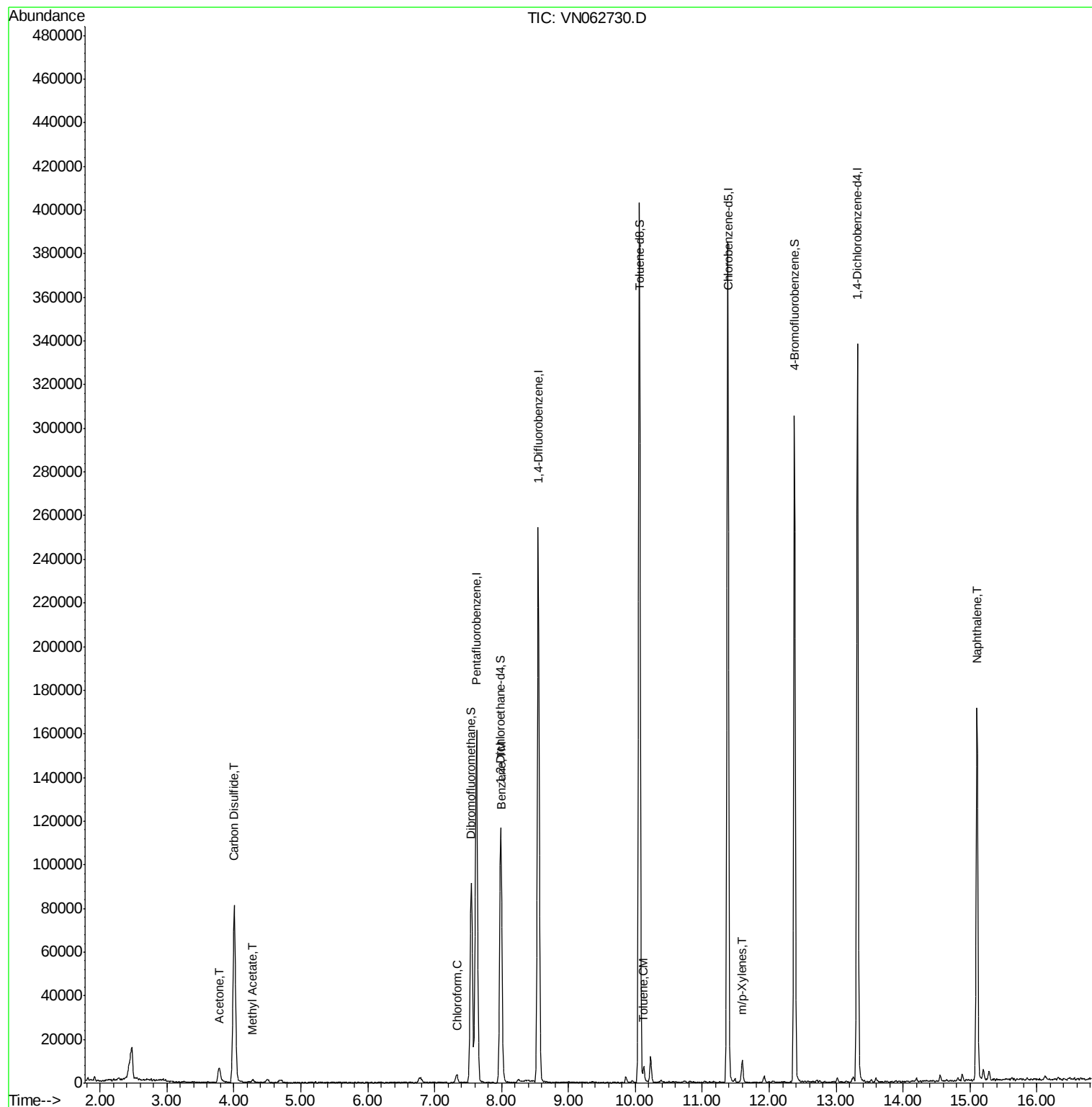
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	12907	18.418	ug/l	92
17) Carbon Disulfide	4.00	76	162691	38.576	ug/l	98
18) Methyl Acetate	4.29	43	2612	1.472	ug/l #	73
30) Chloroform	7.33	83	4200	1.486	ug/l	98
40) Benzene	8.00	78	14193	2.107	ug/l #	90
52) Toluene	10.13	92	2418	0.618	ug/l	81
68) m/p-Xylenes	11.59	106	2262	0.791	ug/l	84
95) Naphthalene	15.10	128	143094	38.219	ug/l	99

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

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Quant Time: Aug 04 07:42:39 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

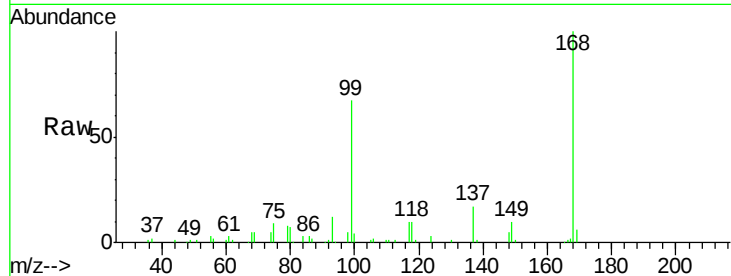
I-OC-5

Tot Ion:168 Resp: 119878

Ion Ratio Lower Upper

168 100

99 66.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

30000

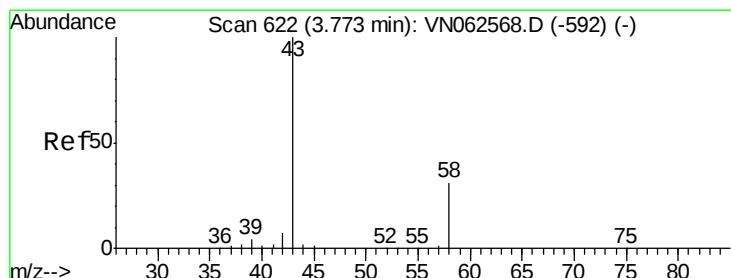
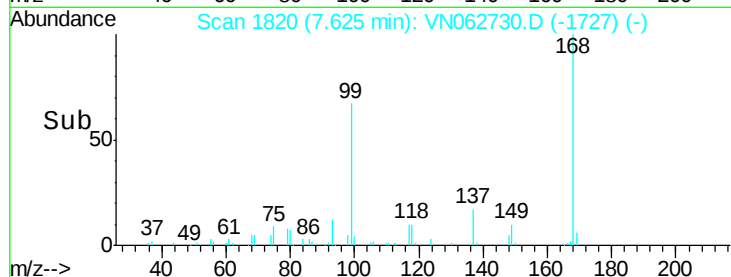
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 18.418 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062730.D

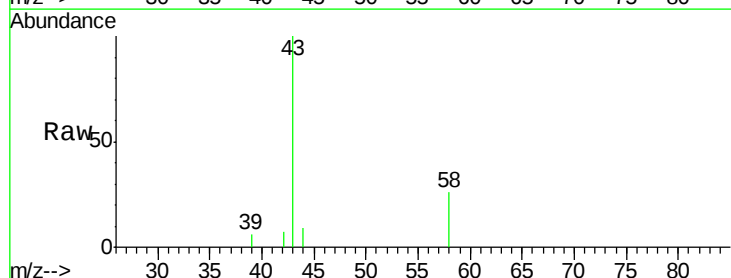
Acq: 3 Aug 2020 13:01

Tgt Ion: 43 Resp: 12907

Ion Ratio Lower Upper

43 100

58 26.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

3000

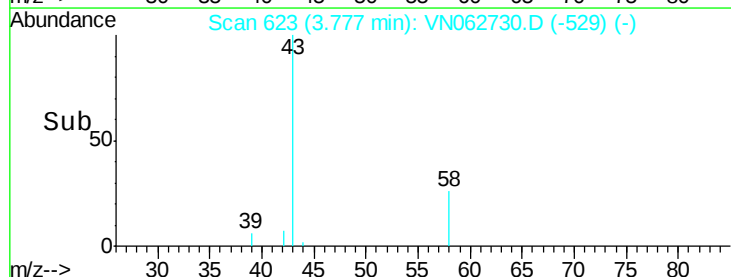
2000

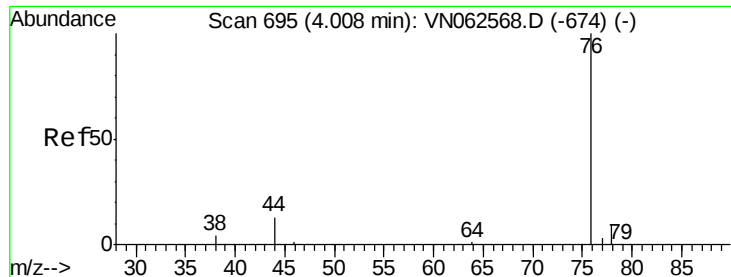
1000

0

Time-->

3.70 3.75 3.80 3.85





#17

Carbon Disulfide

Concen: 38.576 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

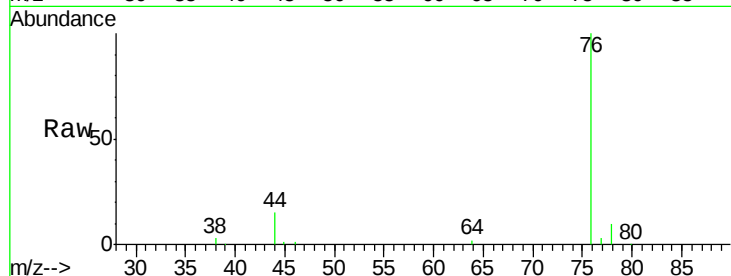
I-OC-5

Tot Ion: 76 Resp: 162691

Ion Ratio Lower Upper

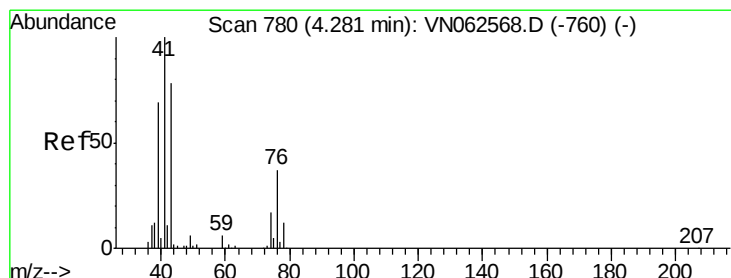
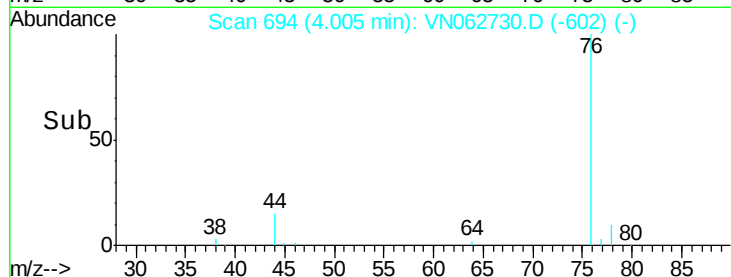
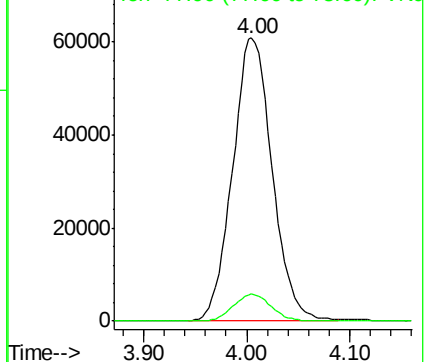
76 100

78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.472 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062730.D

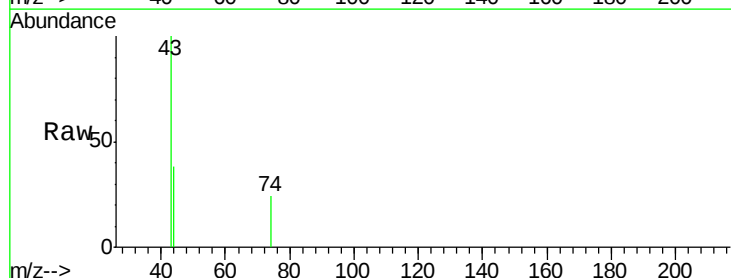
Acq: 3 Aug 2020 13:01

Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

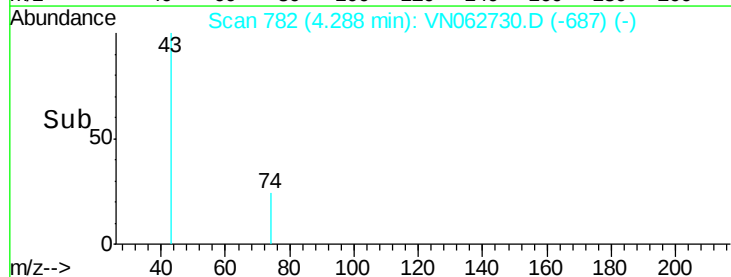
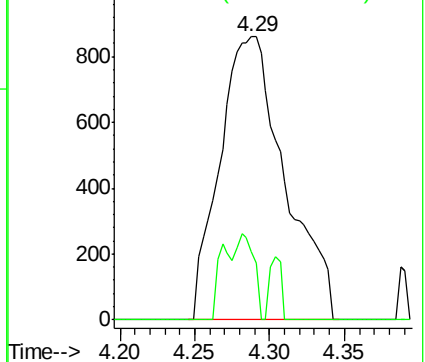
43 100

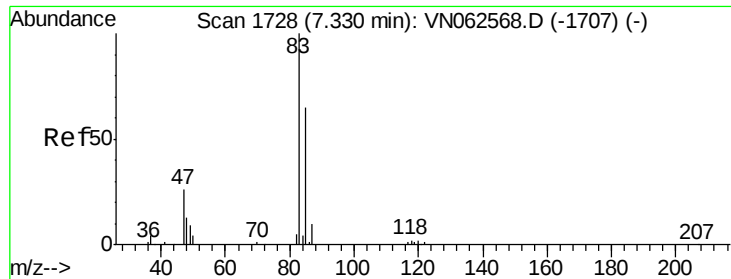
74 8.2 16.6 24.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

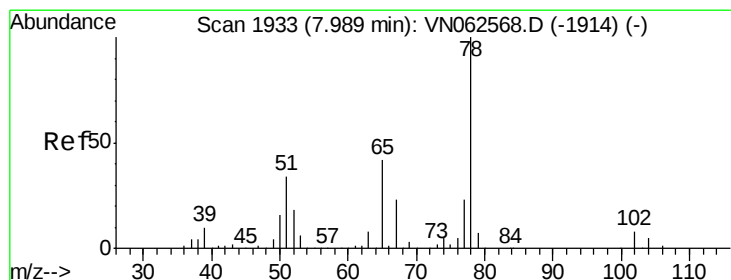
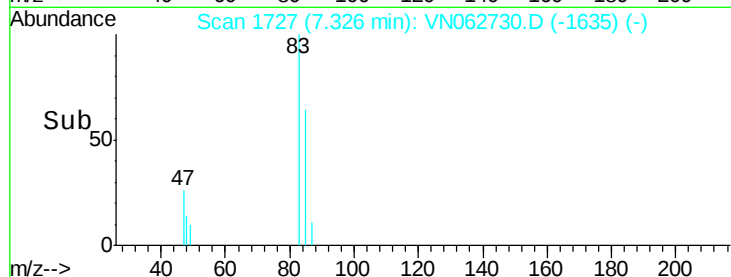
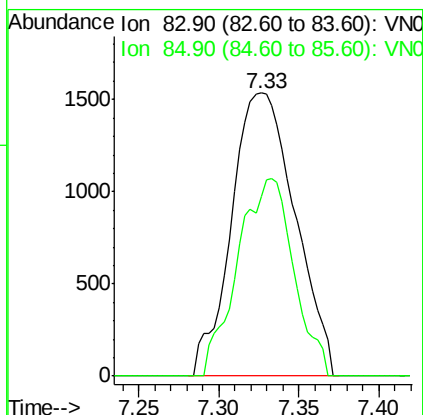
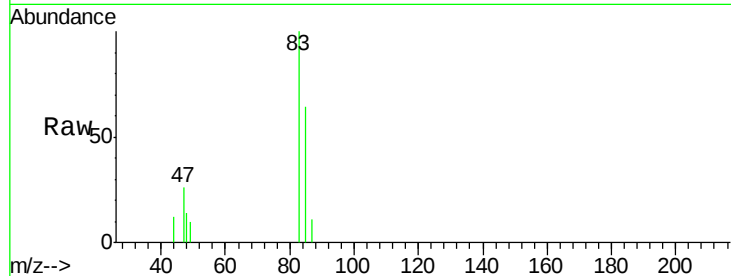




#30
Chloroform
Concen: 1.486 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062730.D
Acq: 3 Aug 2020 13:01

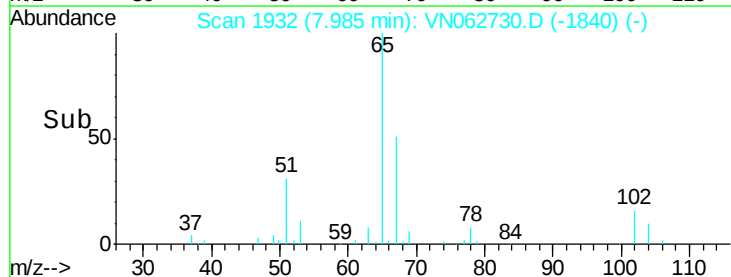
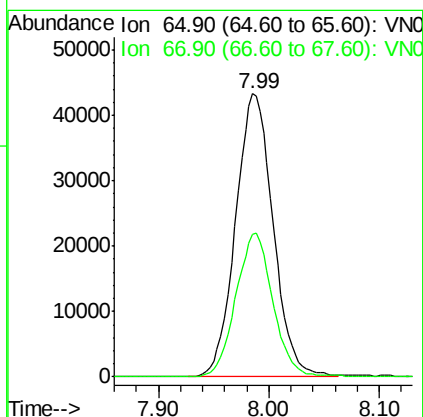
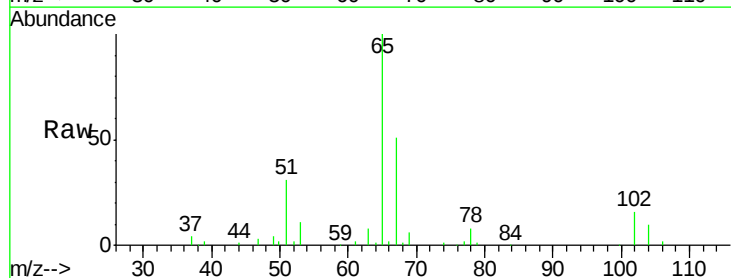
Instrument :
MSVOA_N
ClientSampleId :
I-OC-5

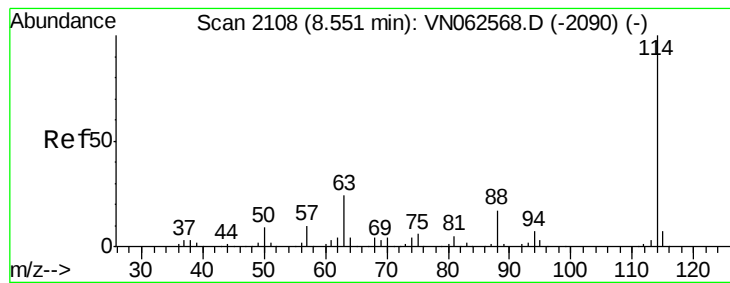
Tot Ion: 83 Resp: 4200
Ion Ratio Lower Upper
83 100
85 63.6 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 54.811 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN062730.D
Acq: 3 Aug 2020 13:01

Tgt Ion: 65 Resp: 102072
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

I-OC-5

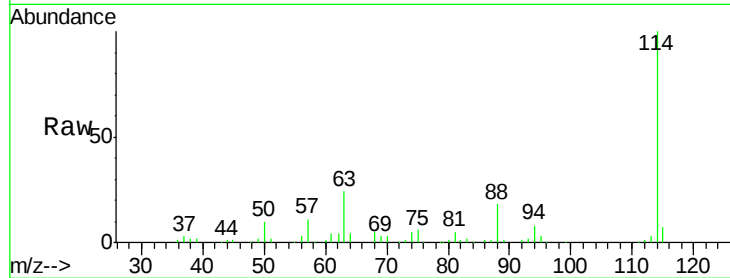
Tot Ion:114 Resp: 208768

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.4

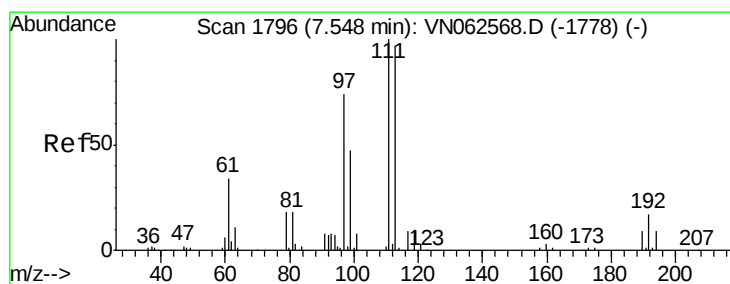
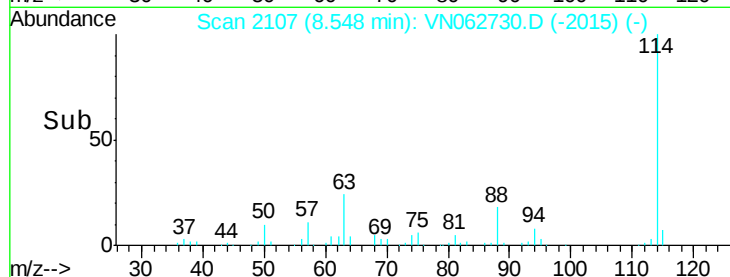
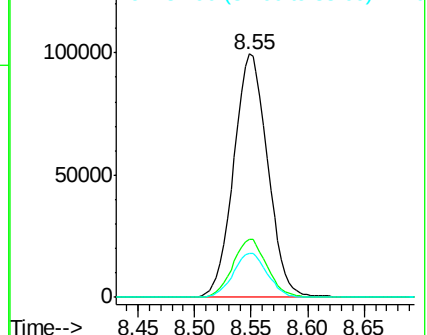
88 18.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.495 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

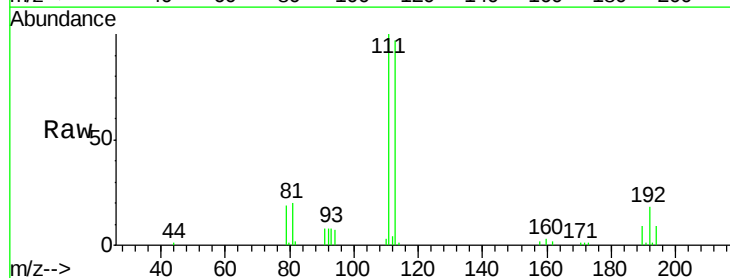
Tgt Ion:113 Resp: 70616

Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

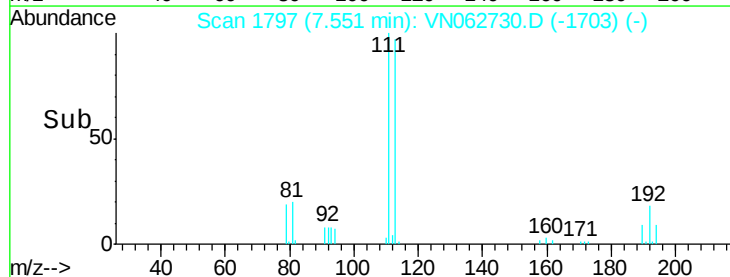
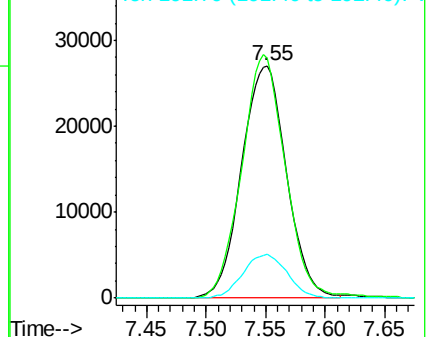
192 18.5 14.8 22.2

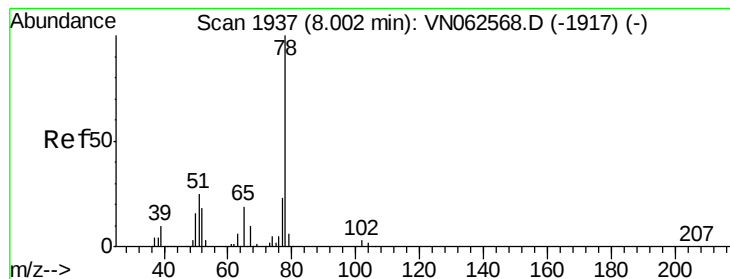


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.107 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

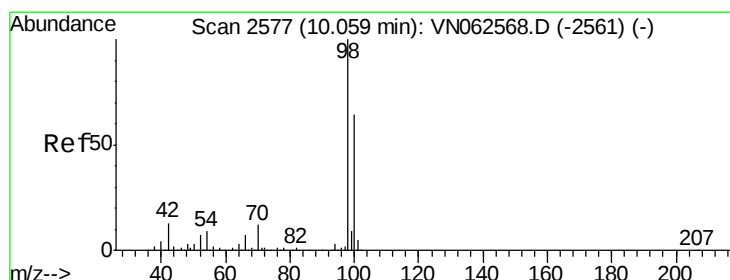
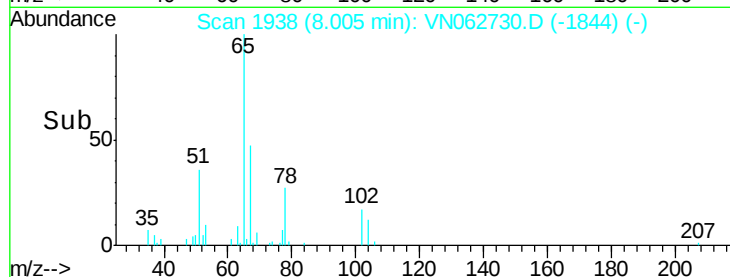
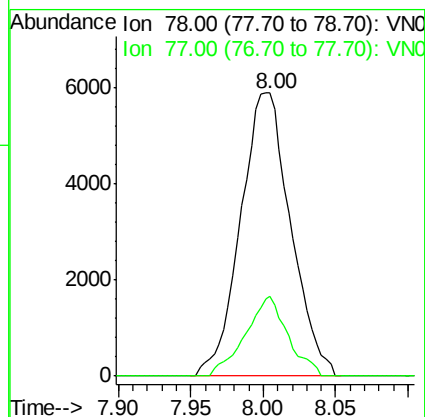
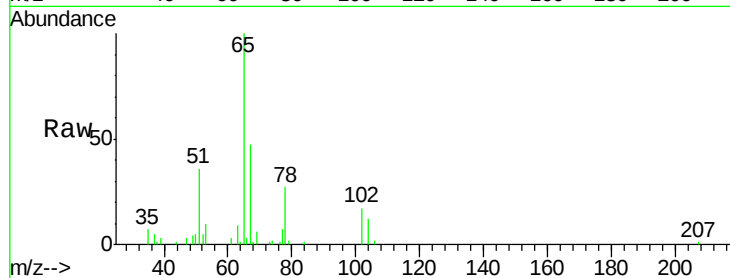
I-OC-5

Tot Ion: 78 Resp: 14193

Ion Ratio Lower Upper

78 100

77 28.1 18.7 28.1#



#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062730.D

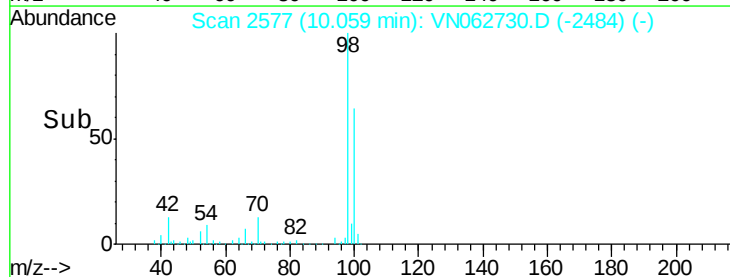
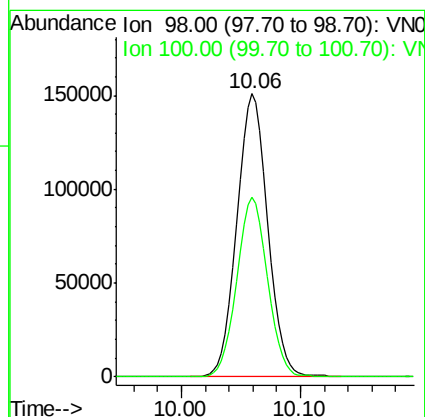
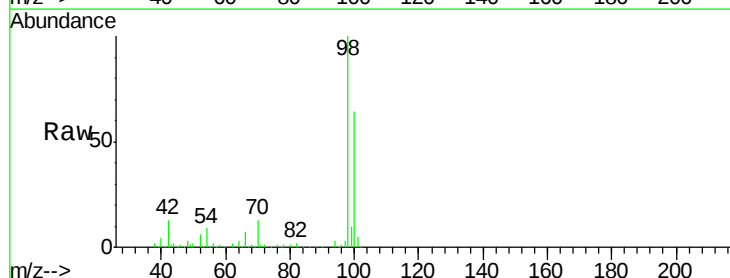
Acq: 3 Aug 2020 13:01

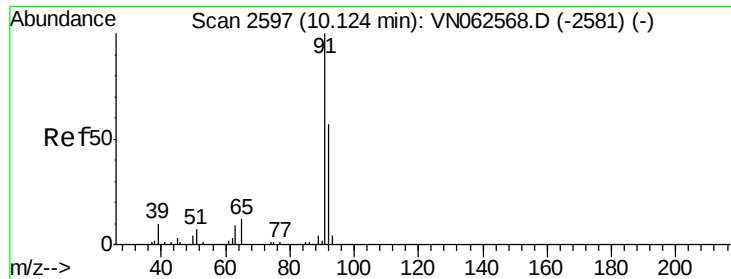
Tgt Ion: 98 Resp: 271679

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3





#52

Toluene

Concen: 0.618 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

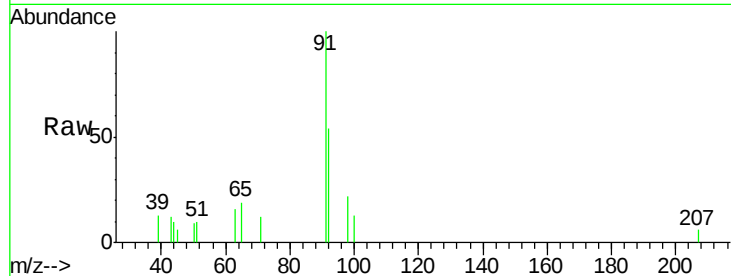
I-OC-5

Tot Ion: 92 Resp: 2418

Ion Ratio Lower Upper

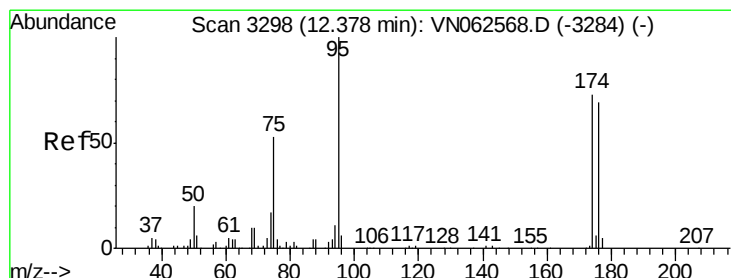
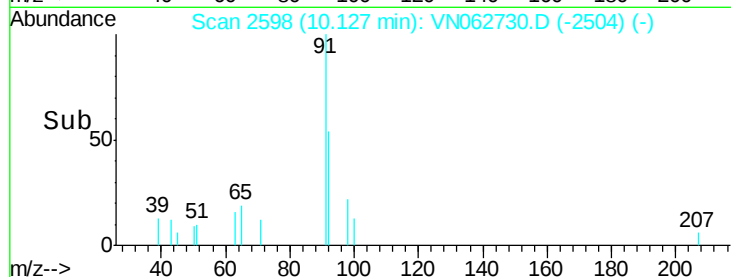
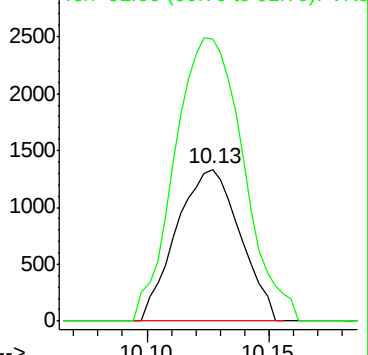
92 100

91 201.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062730.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062730.D (-2504) (-)



#62

4-Bromofluorobenzene

Concen: 53.614 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

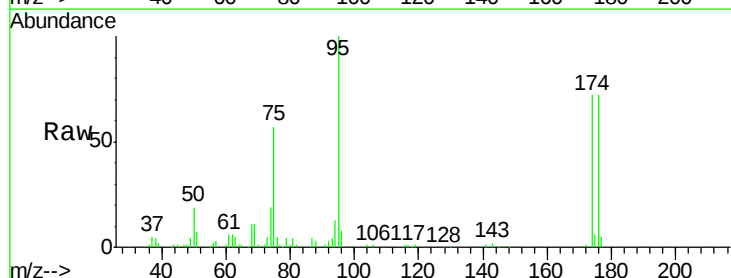
Tgt Ion: 95 Resp: 107260

Ion Ratio Lower Upper

95 100

174 72.9 0.0 144.6

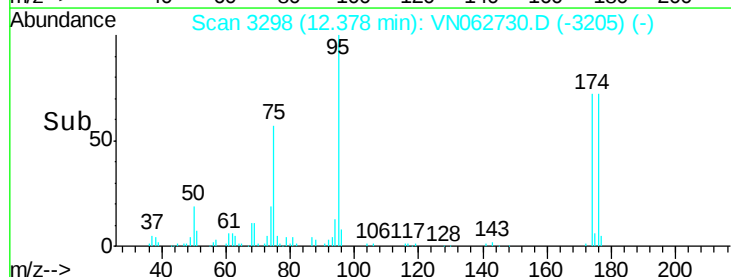
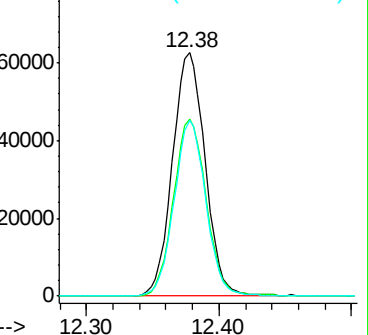
176 70.0 0.0 139.4

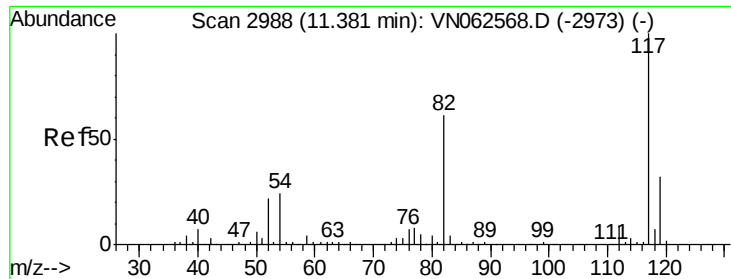


Abundance Ion 94.90 (94.60 to 95.60): VN062730.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062730.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062730.D (-3205) (-)

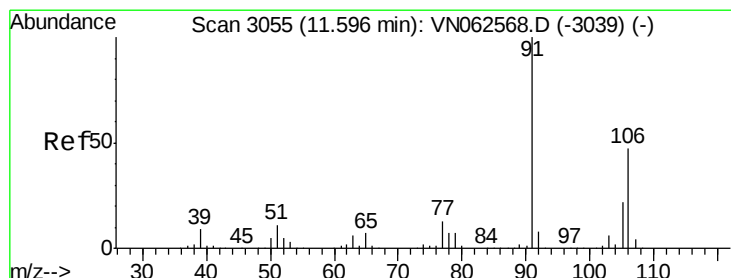
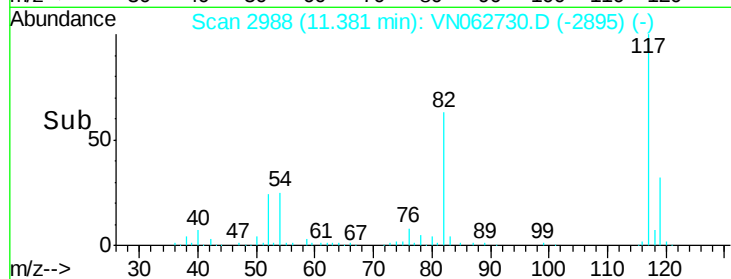
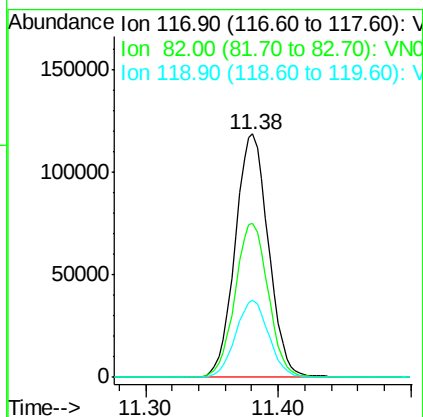
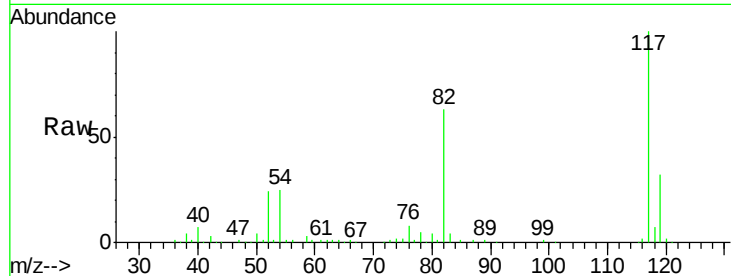




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062730.D
Acq: 3 Aug 2020 13:01

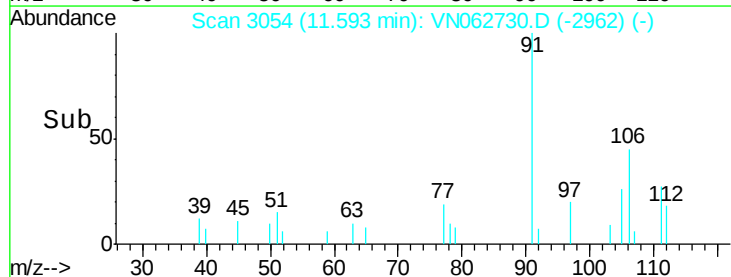
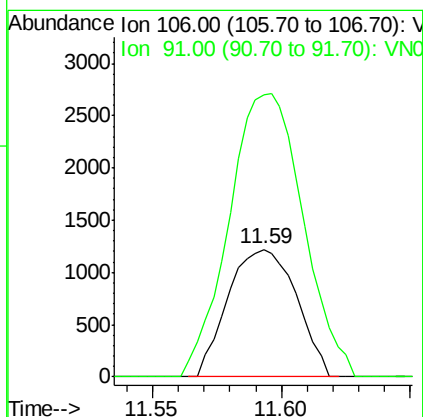
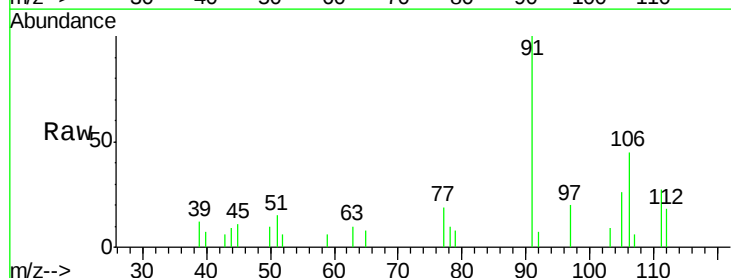
Instrument :
MSVOA_N
ClientSampled :
I-OC-5

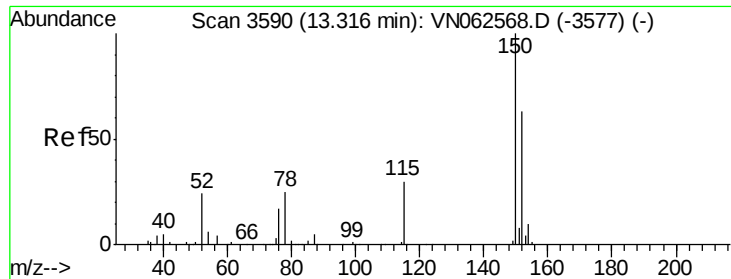
Tot Ion:117 Resp: 207113
Ion Ratio Lower Upper
117 100
82 63.3 49.0 73.6
119 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 0.791 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062730.D
Acq: 3 Aug 2020 13:01

Tgt Ion:106 Resp: 2262
Ion Ratio Lower Upper
106 100
91 239.4 171.4 257.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

Instrument :

MSVOA_N

ClientSampled :

I-OC-5

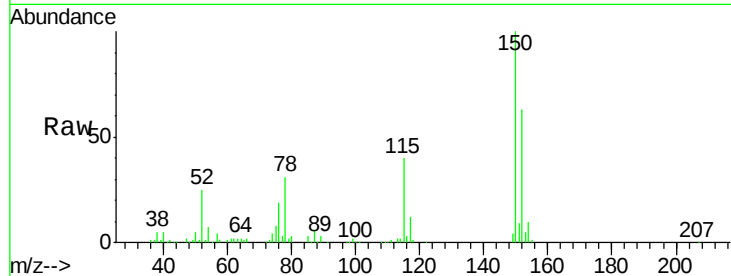
Tot Ion:152 Resp: 86357

Ion Ratio Lower Upper

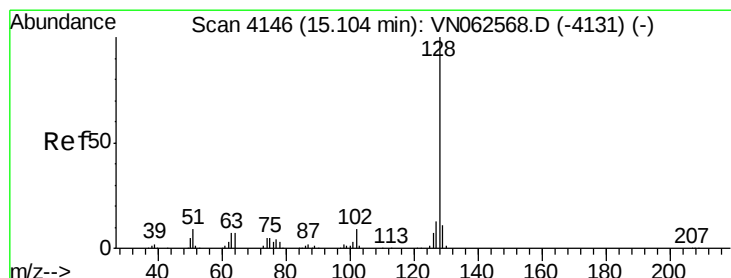
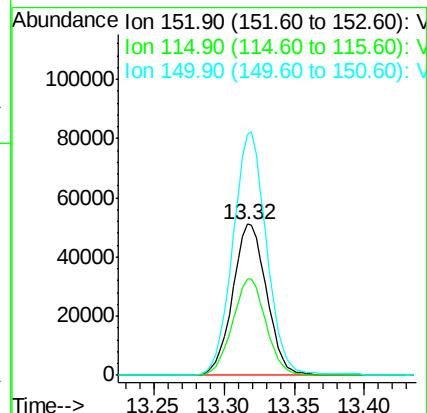
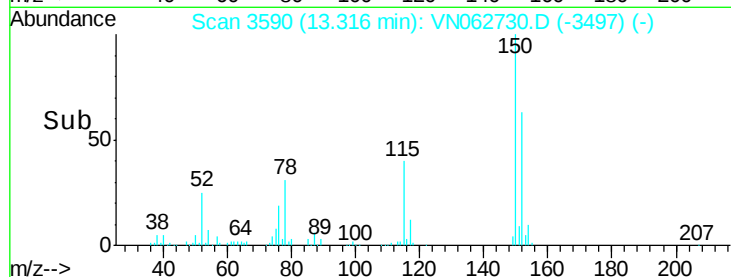
152 100

115 62.8 31.8 95.4

150 159.3 0.0 351.4



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: 38.219 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062730.D

Acq: 3 Aug 2020 13:01

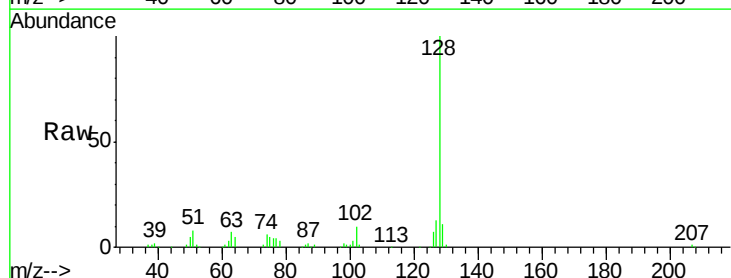
Tgt Ion:128 Resp: 143094

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.6 8.7 13.1



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

