

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055157.D
 Acq On : 19 Apr 2019 23:20
 Operator : JC/SP
 Sample : K2475-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

Quant Time: Apr 20 05:16:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

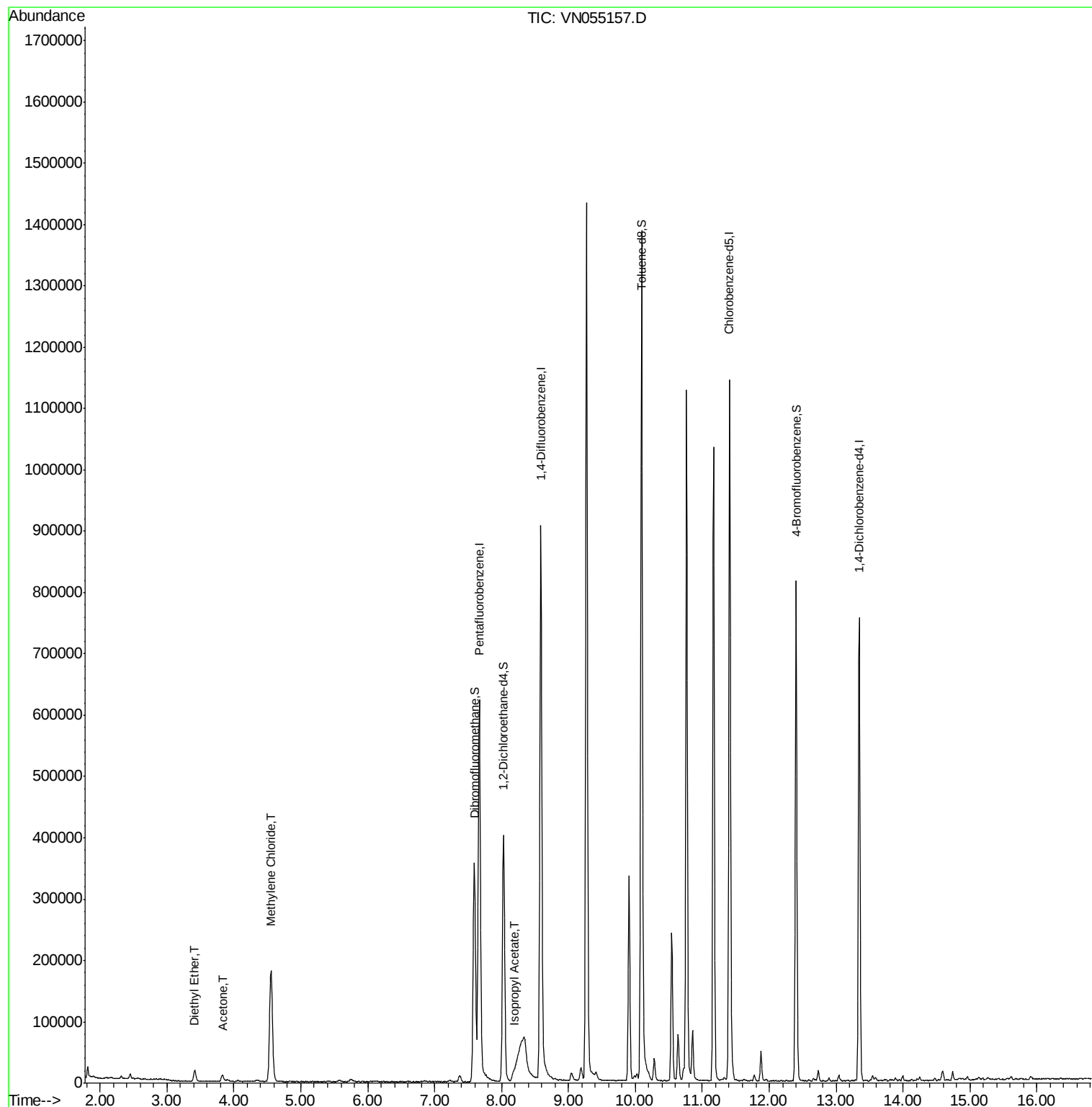
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	540776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	849626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	689173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	343722	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.59	113	269240	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.09	98	992912	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.40	95	281804	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
Target Compounds						
8) Diethyl Ether	3.41	74	8882	3.302	ug/l	82
16) Acetone	3.83	43	17598	9.020	ug/l #	90
20) Methylene Chloride	4.56	84	127337	18.566	ug/l	97
43) Isopropyl Acetate	8.18	43	17790	1.771	ug/l #	92

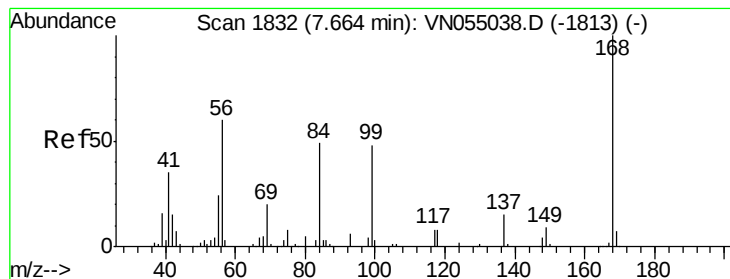
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
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QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

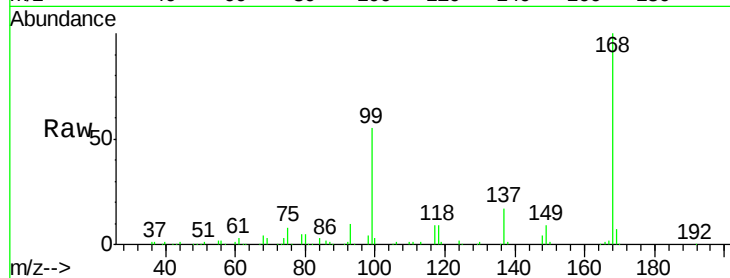
TP-TRACK-70-71

Tot Ion:168 Resp: 540776

Ion Ratio Lower Upper

168 100

99 54.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.67

250000

200000

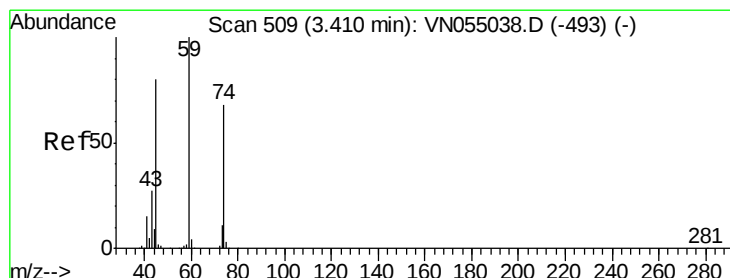
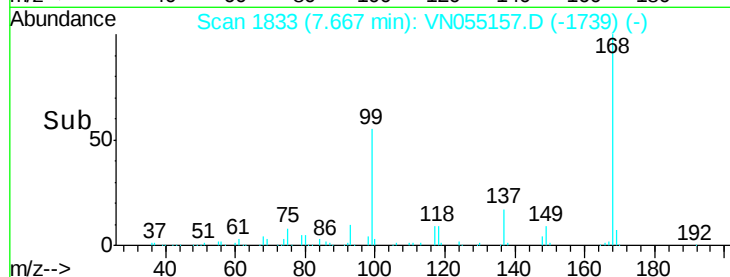
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 3.302 ug/l

RT: 3.41 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN055157.D

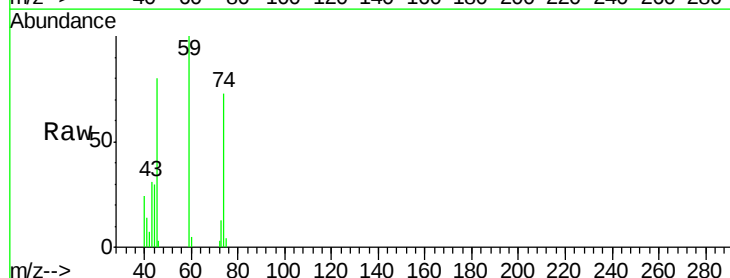
Acq: 19 Apr 2019 23:20

Tgt Ion: 74 Resp: 8882

Ion Ratio Lower Upper

74 100

45 130.7 55.7 167.1



Abundance Ion 74.00 (73.70 to 74.70): VN055038.D (-493) (-)

Ion 45.00 (44.70 to 45.70): VN055038.D (-493) (-)

3.41

5000

4000

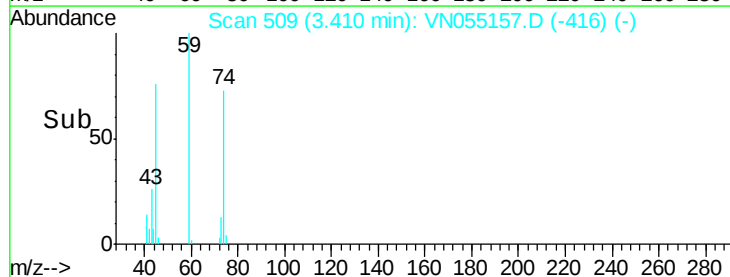
3000

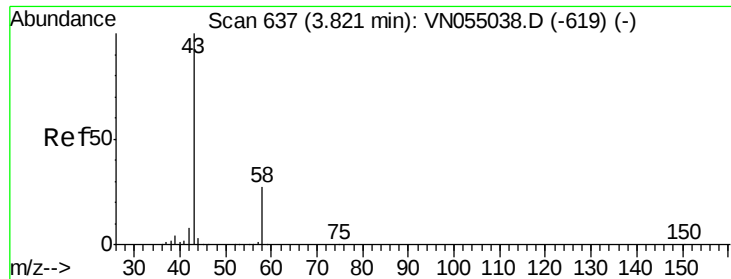
2000

1000

0

Time-->





#16

Acetone

Concen: 9.020 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

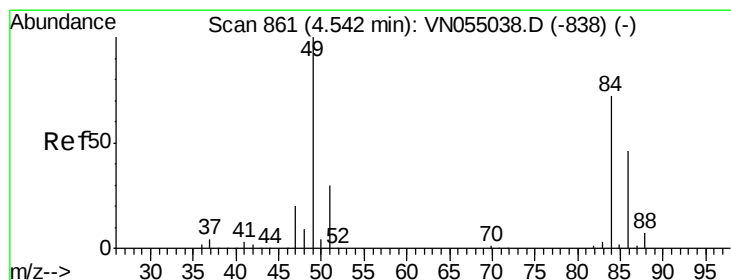
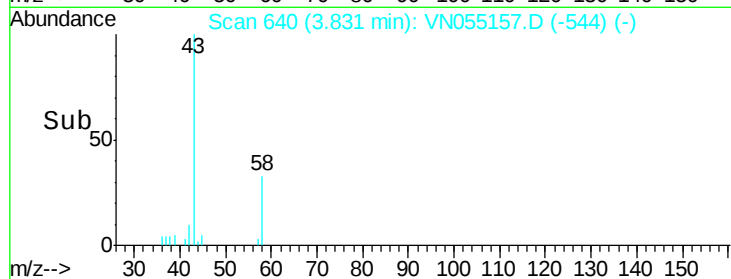
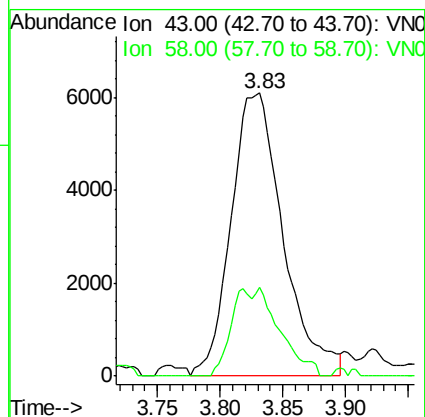
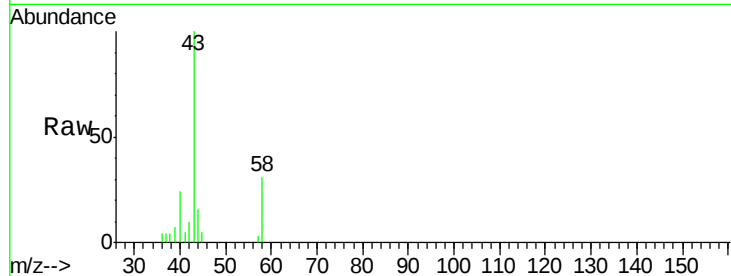
TP-TRACK-70-71

Tot Ion: 43 Resp: 17598

Ion Ratio Lower Upper

43 100

58 31.4 20.9 31.3#



#20

Methylene Chloride

Concen: 18.566 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.02 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

Tgt Ion: 84 Resp: 127337

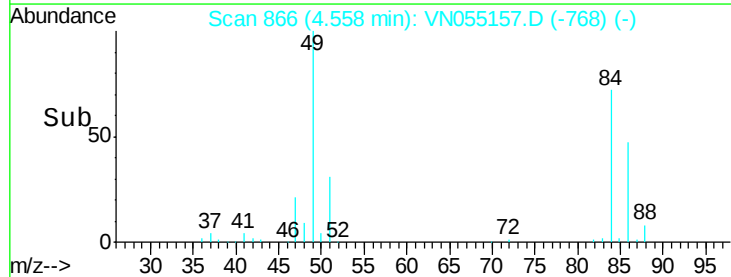
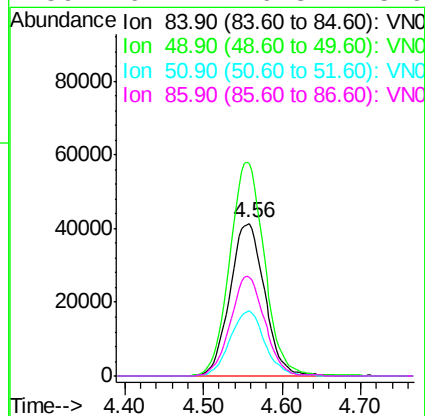
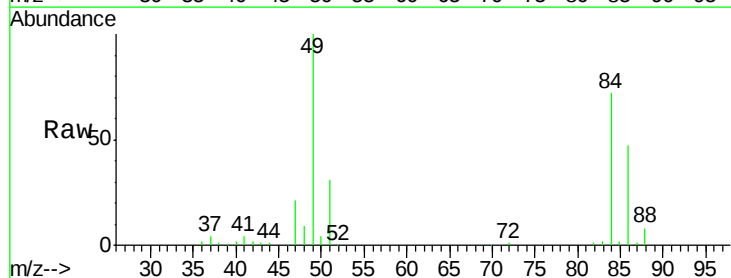
Ion Ratio Lower Upper

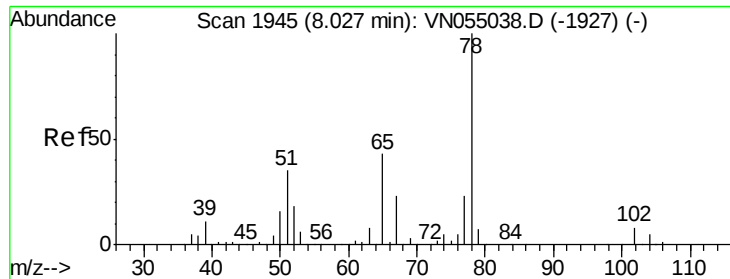
84 100

49 139.1 109.4 164.2

51 42.5 32.2 48.4

86 64.7 49.3 73.9

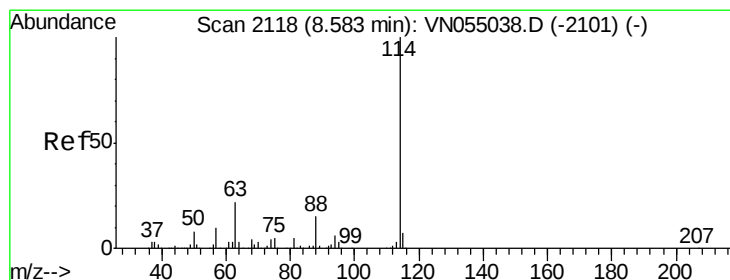
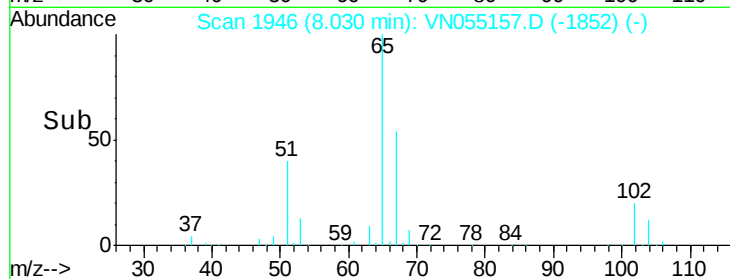
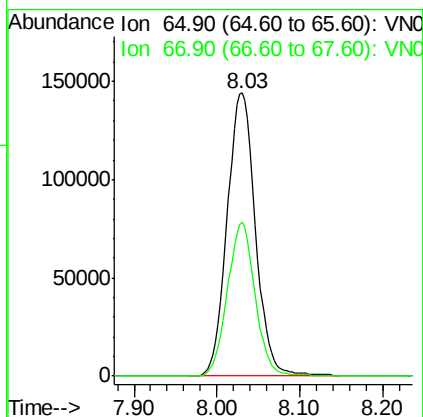
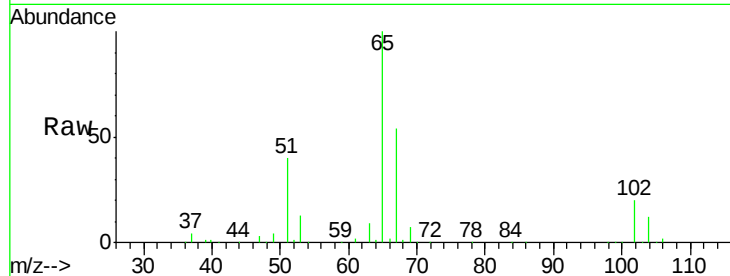




#33
 1,2-Dichloroethane-d4
 Concen: 47.817 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055157.D
 Acq: 19 Apr 2019 23:20

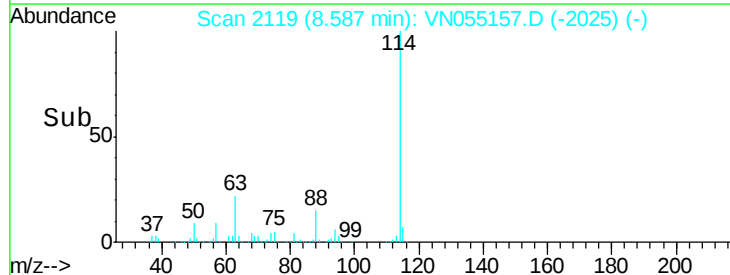
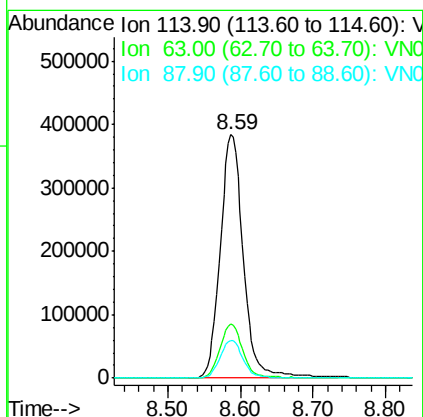
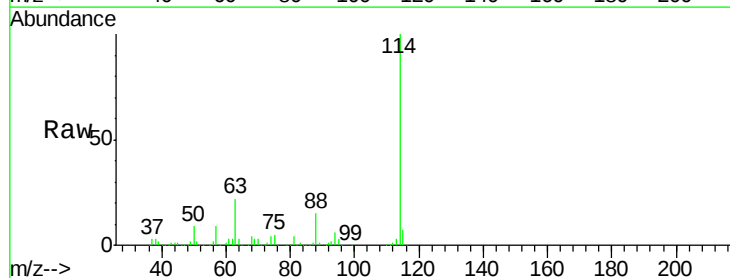
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

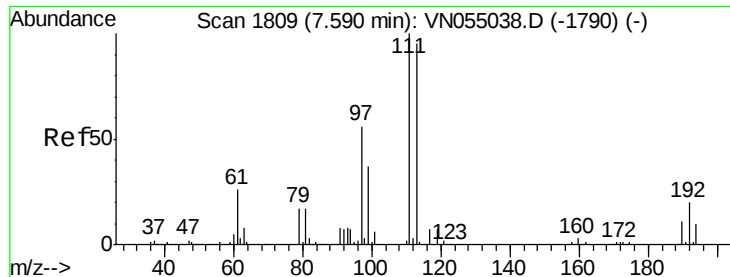
Tot Ion: 65 Resp: 343722
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055157.D
 Acq: 19 Apr 2019 23:20

Tgt Ion: 114 Resp: 849626
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.2
 88 15.5 0.0 31.8

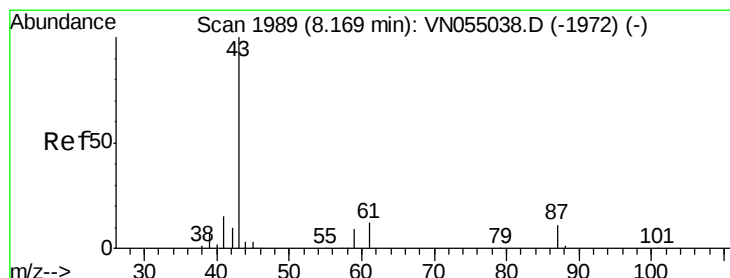
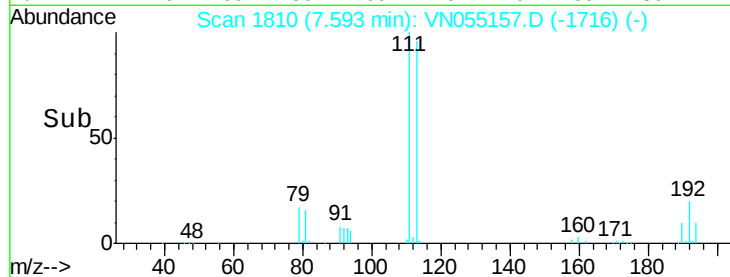
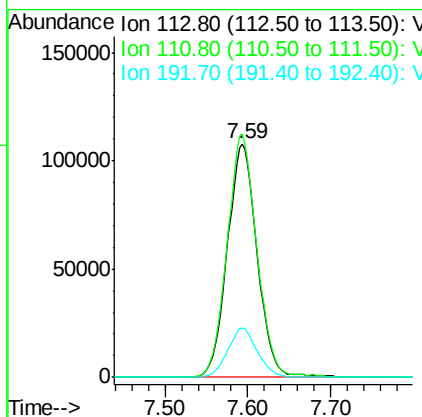
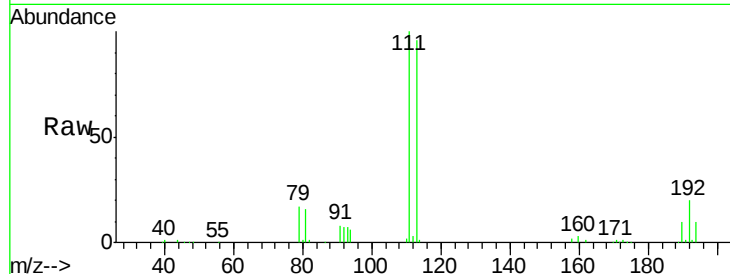




#35
 Dibromofluoromethane
 Concen: 47.417 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055157.D
 Acq: 19 Apr 2019 23:20

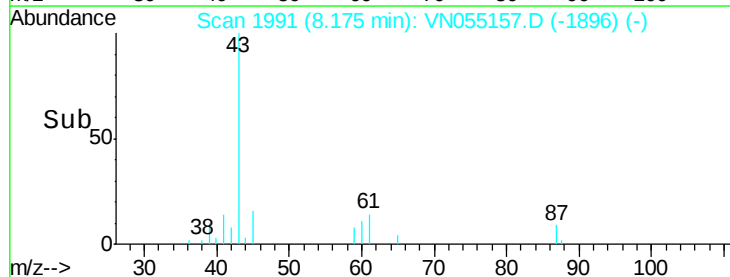
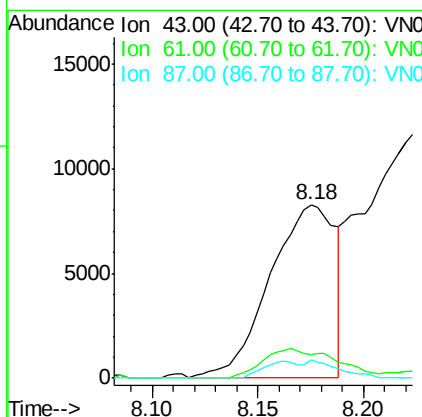
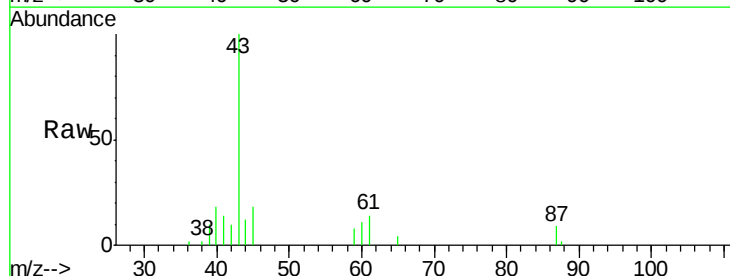
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-TRACK-70-71

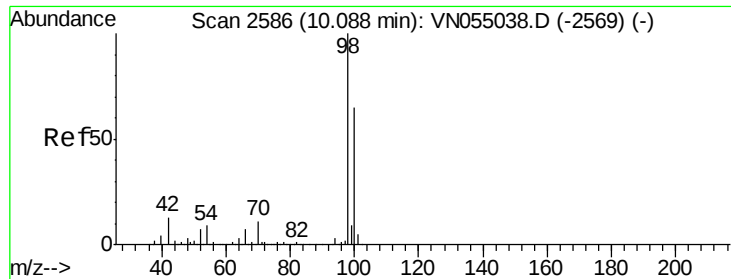
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	21.1	16.5	24.7



#43
 Isopropyl Acetate
 Concen: 1.771 ug/l
 RT: 8.18 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: VN055157.D
 Acq: 19 Apr 2019 23:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.3	21.5
87	5.0	8.6	13.0





#50

Toluene-d8

Concen: 48.858 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

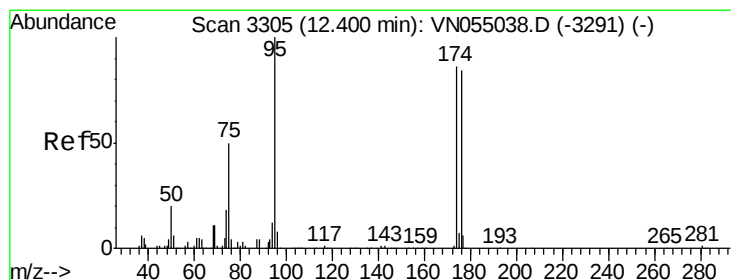
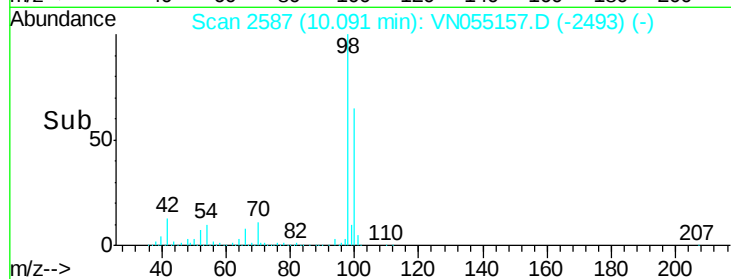
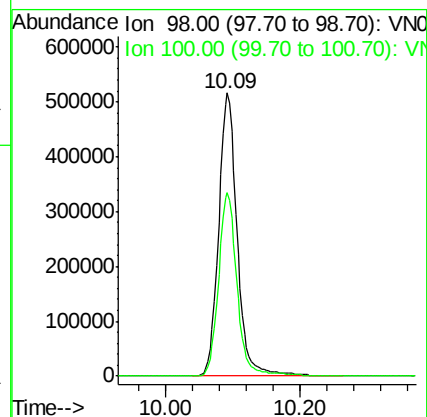
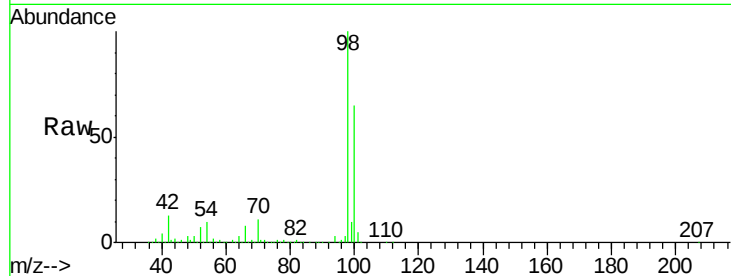
TP-TRACK-70-71

Tot Ion: 98 Resp: 992912

Ion Ratio Lower Upper

98 100

100 64.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.654 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

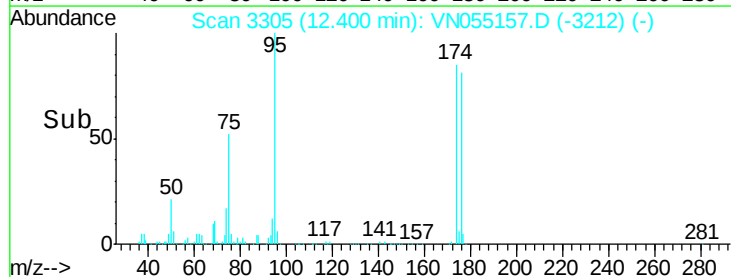
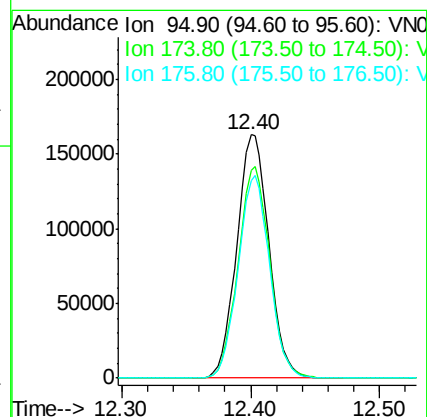
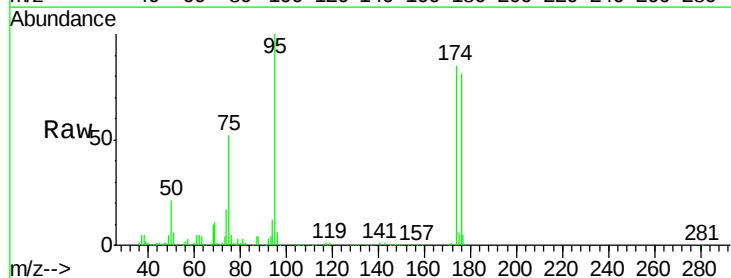
Tgt Ion: 95 Resp: 281804

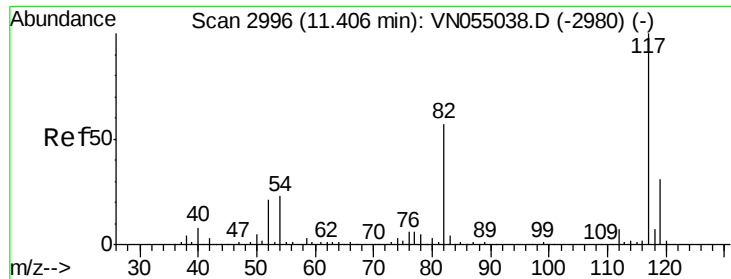
Ion Ratio Lower Upper

95 100

174 85.5 0.0 174.4

176 81.6 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

Instrument :

MSVOA_N

ClientSampleId :

TP-TRACK-70-71

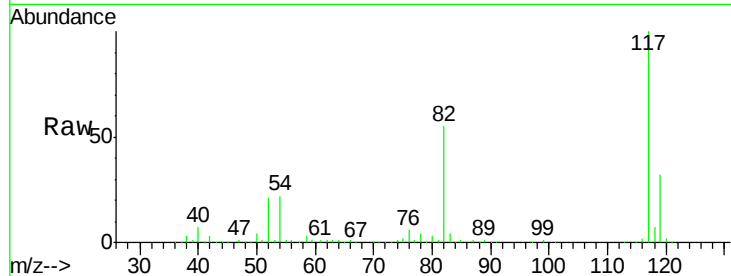
Tot Ion:117 Resp: 689173

Ion Ratio Lower Upper

117 100

82 54.7 44.6 66.8

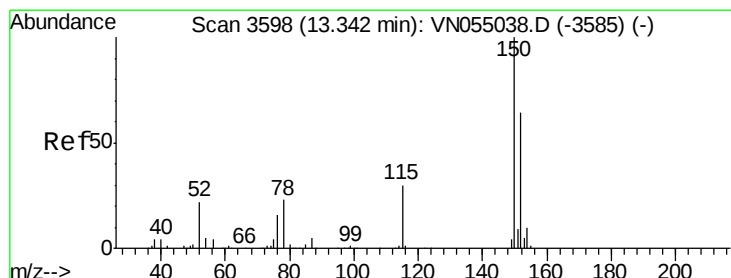
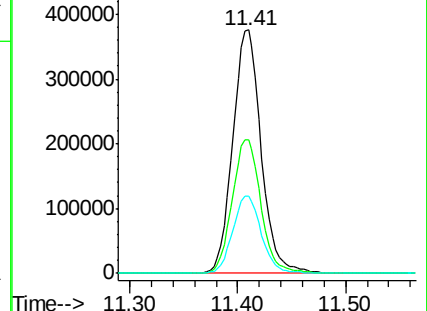
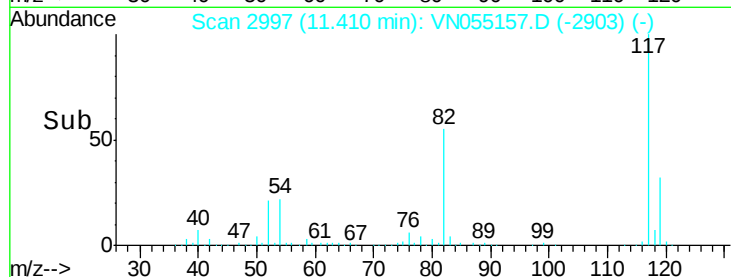
119 31.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055157.D

Acq: 19 Apr 2019 23:20

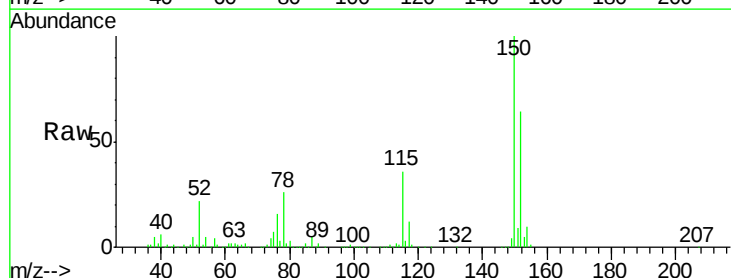
Tgt Ion:152 Resp: 207042

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.6

150 157.5 0.0 347.2



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

