

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052037.D
 Acq On : 26 Oct 2018 19:13
 Operator : MD\SY
 Sample : J5675-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Oct 27 00:50:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

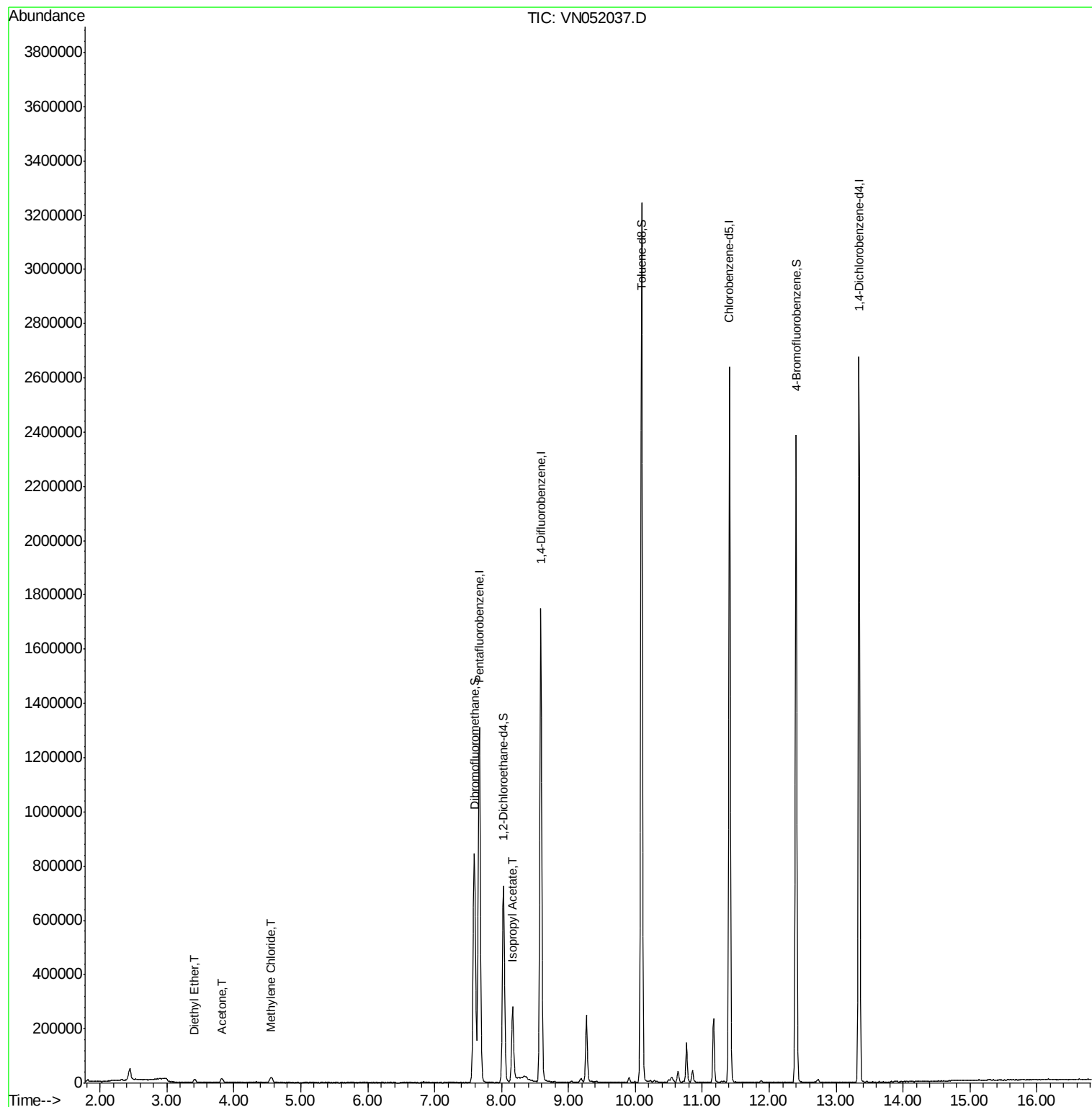
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1185249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1751607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1664768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	779755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	603600	57.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.36%	
35) Dibromofluoromethane	7.59	113	645916	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.58%	
50) Toluene-d8	10.09	98	2372770	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
62) 4-Bromofluorobenzene	12.40	95	759223	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
Target Compounds						
8) Diethyl Ether	3.41	74	5924	1.232	ug/l	75
16) Acetone	3.82	43	25376	14.591	ug/l	97
20) Methylene Chloride	4.56	84	15915	1.560	ug/l #	90
43) Isopropyl Acetate	8.17	43	314409	27.941	ug/l	97

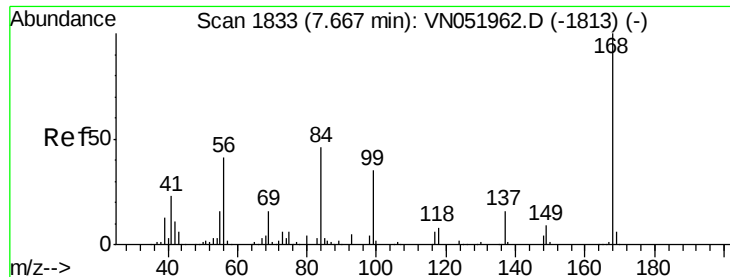
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102618\
Data File : VN052037.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052037.D

Acq: 26 Oct 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

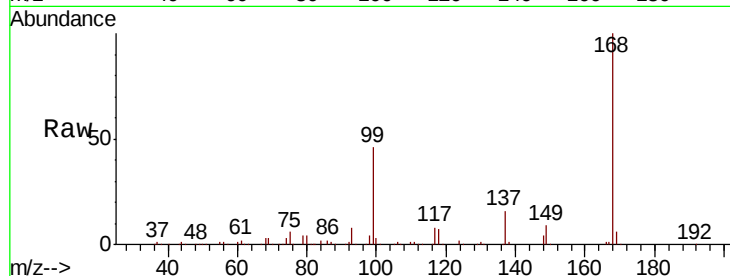
TP-5

Tot Ion:168 Resp: 1185249

Ion Ratio Lower Upper

168 100

99 45.8 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

300000

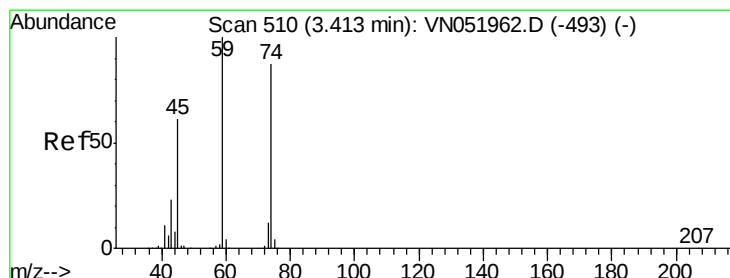
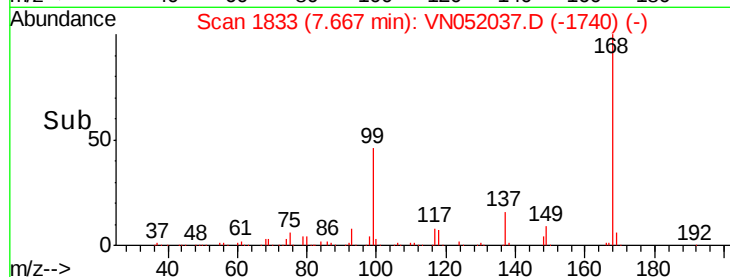
200000

100000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 1.232 ug/l

RT: 3.41 min Scan# 508

Delta R.T. -0.01 min

Lab File: VN052037.D

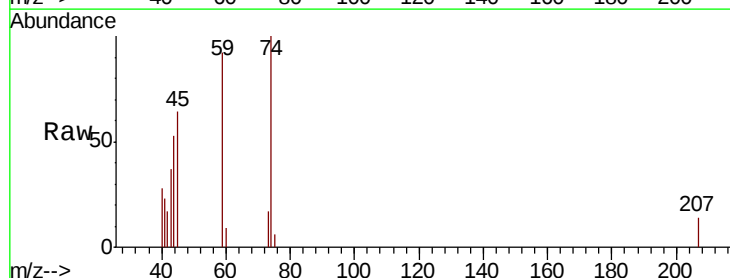
Acq: 26 Oct 2018 19:13

Tgt Ion: 74 Resp: 5924

Ion Ratio Lower Upper

74 100

45 92.0 35.5 106.5



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

3000

2500

2000

1500

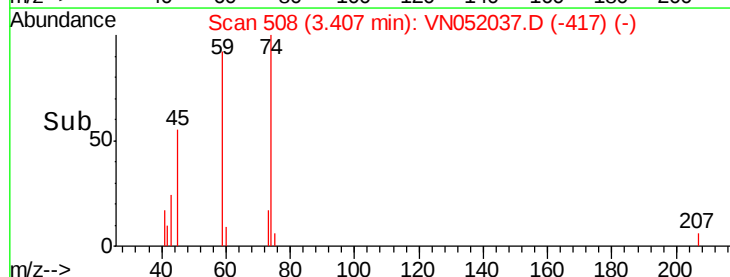
1000

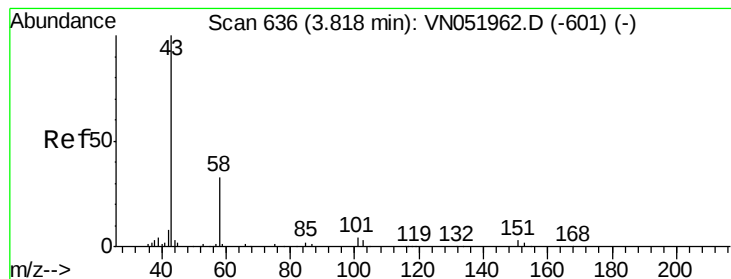
500

0

Time-->

3.35 3.40 3.45 3.50





#16

Acetone

Concen: 14.591 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052037.D

Acq: 26 Oct 2018 19:13

Instrument :

MSVOA_N

ClientSampleId :

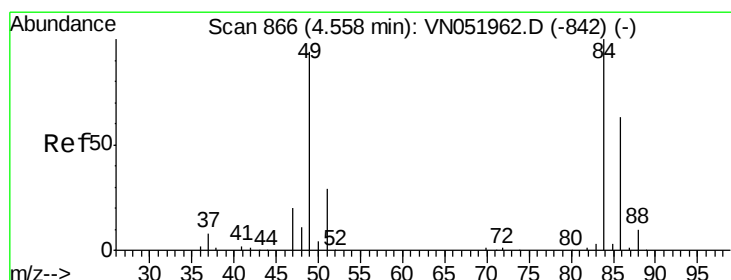
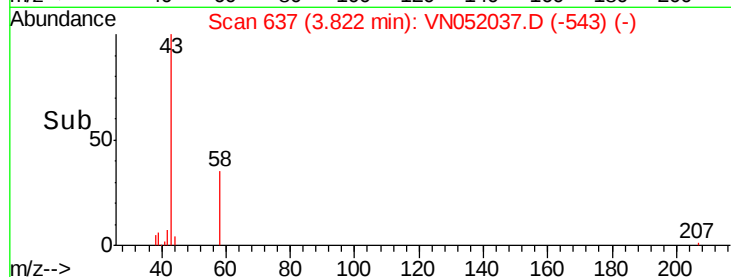
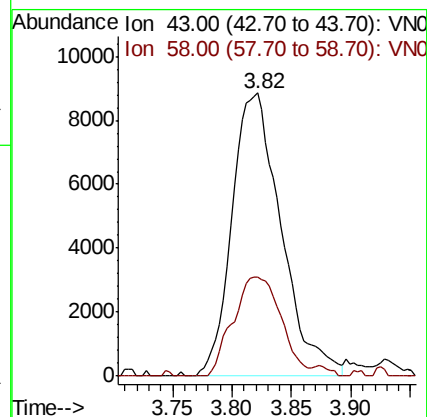
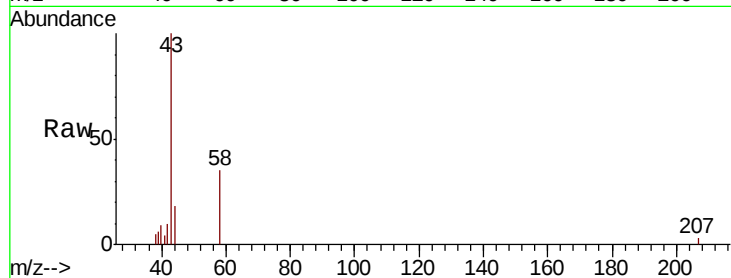
TP-5

Tot Ion: 43 Resp: 25376

Ion Ratio Lower Upper

43 100

58 34.9 26.7 40.1



#20

Methylene Chloride

Concen: 1.560 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052037.D

Acq: 26 Oct 2018 19:13

Tgt Ion: 84 Resp: 15915

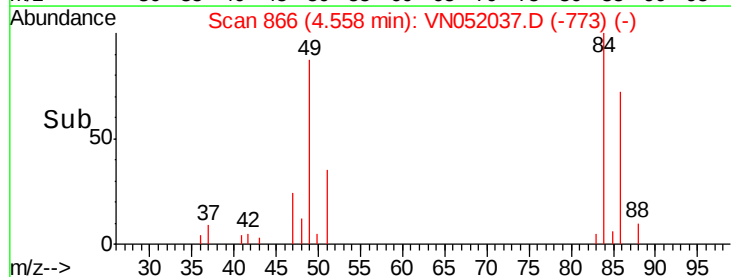
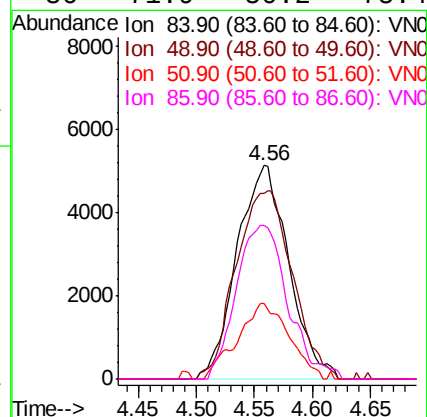
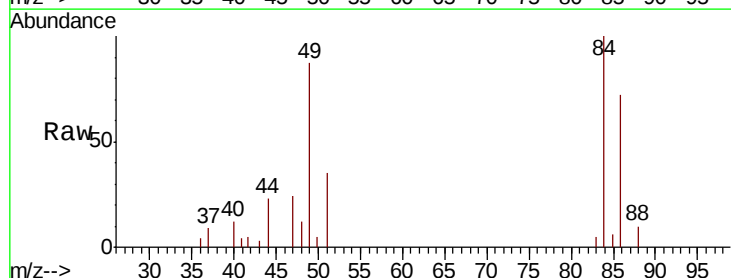
Ion Ratio Lower Upper

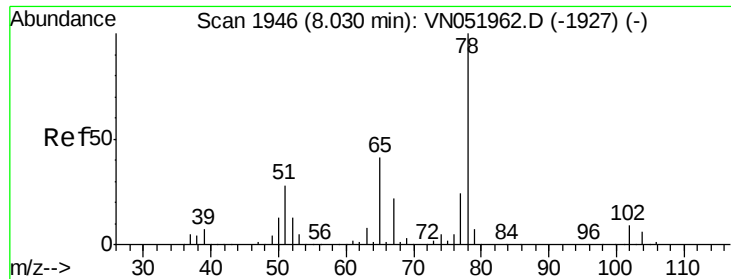
84 100

49 87.0 75.4 113.0

51 35.4 23.1 34.7#

86 71.9 50.2 75.4

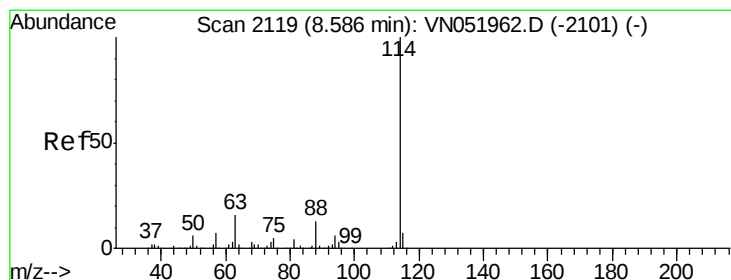
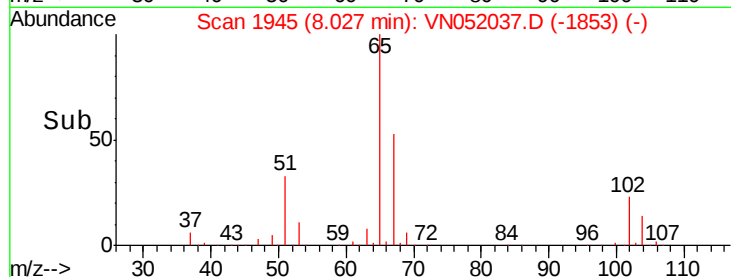
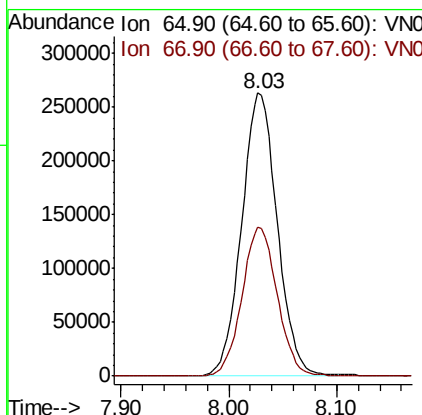
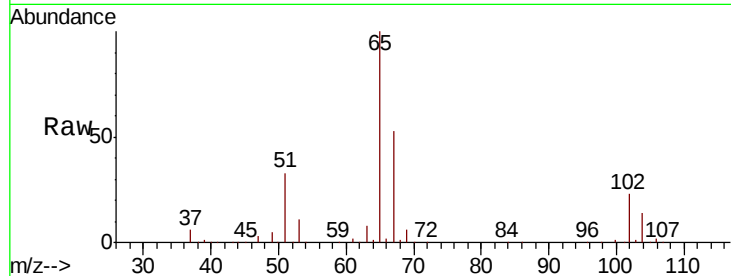




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052037.D
 Acq: 26 Oct 2018 19:13

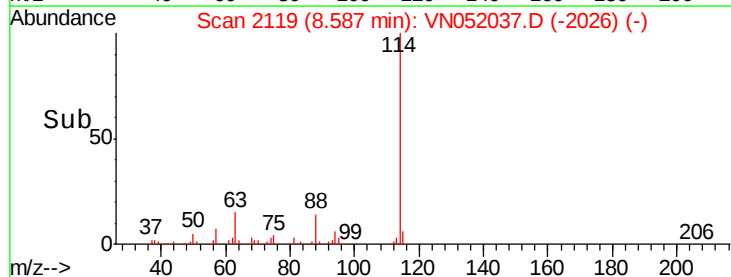
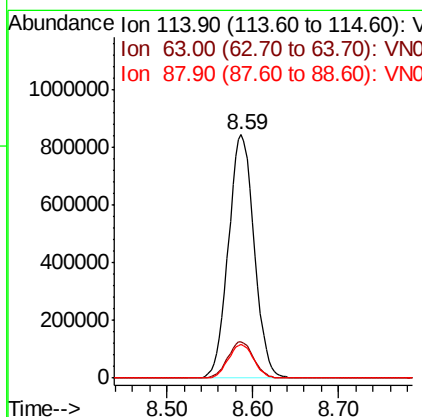
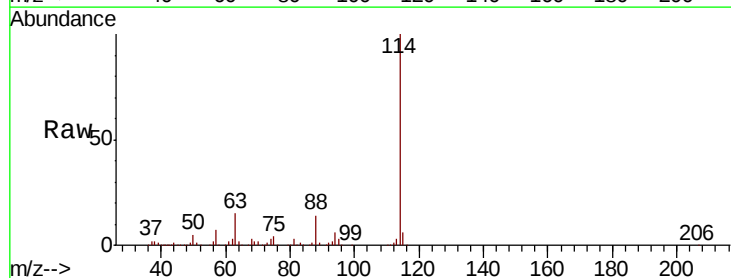
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

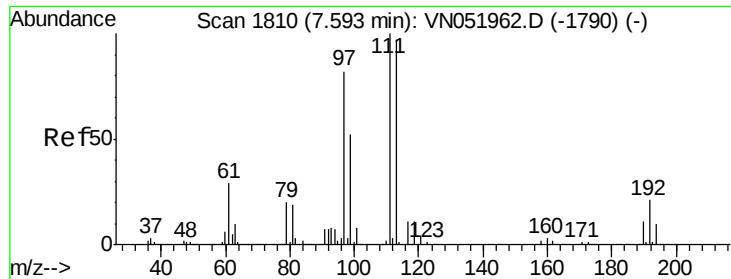
Tot Ion: 65 Resp: 603600
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052037.D
 Acq: 26 Oct 2018 19:13

Tgt Ion: 114 Resp: 1751607
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.2
 88 13.6 0.0 27.0

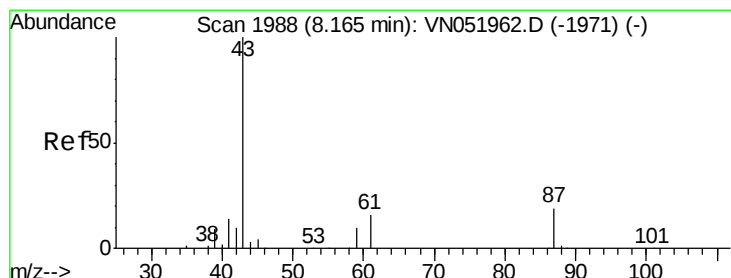
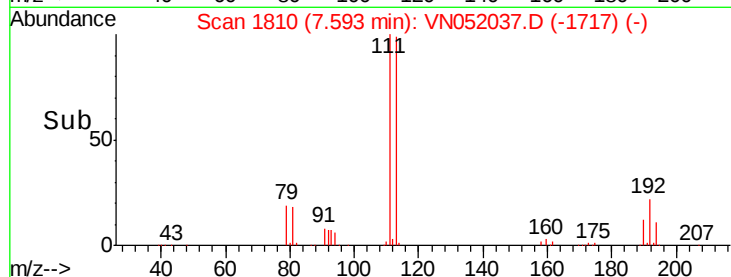
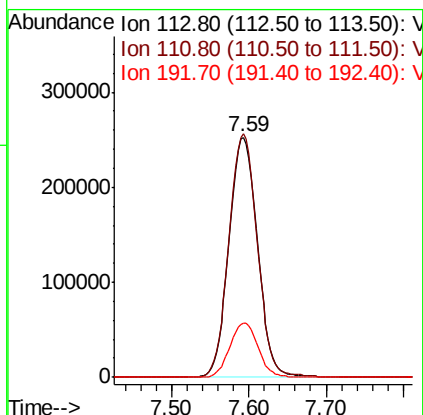
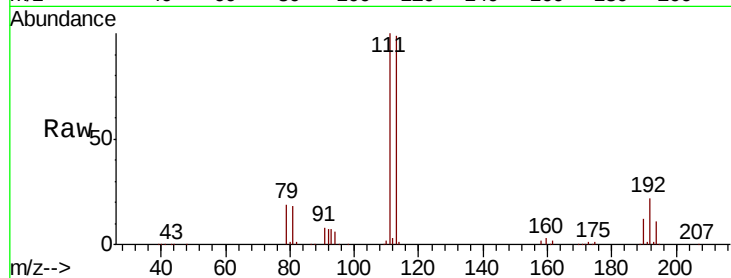




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052037.D
 Acq: 26 Oct 2018 19:13

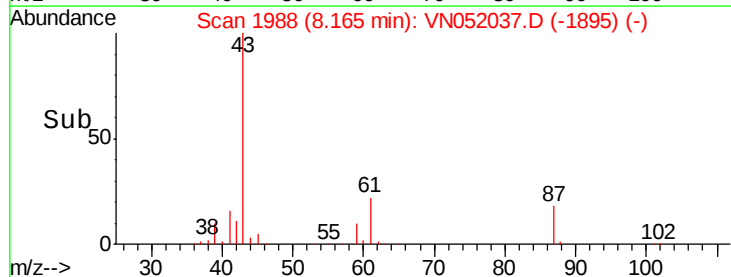
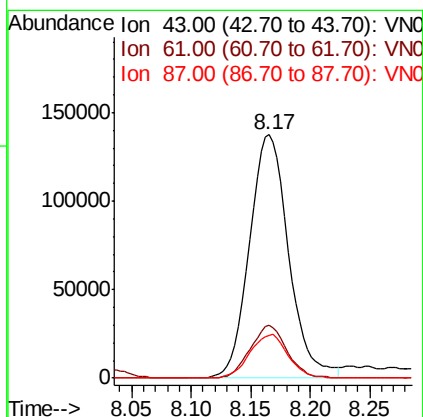
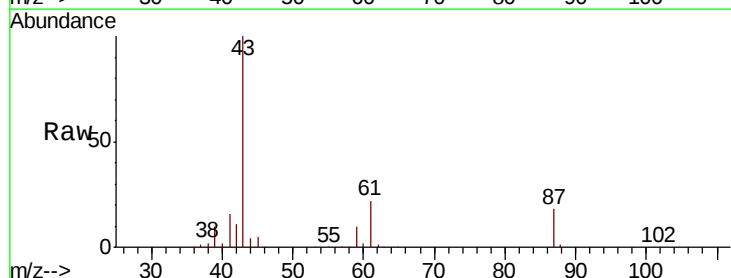
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

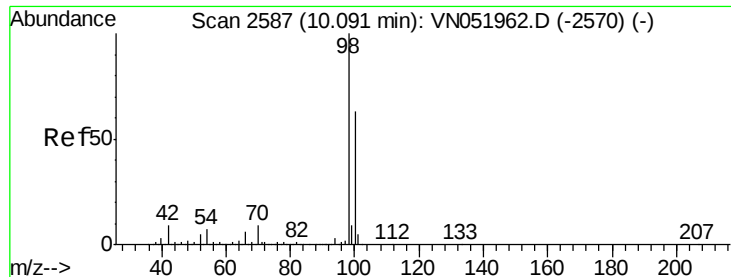
Tot Ion:113 Resp: 645916
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.7 121.1
 192 22.3 17.2 25.8



#43
 Isopropyl Acetate
 Concen: 27.941 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052037.D
 Acq: 26 Oct 2018 19:13

Tgt Ion: 43 Resp: 314409
 Ion Ratio Lower Upper
 43 100
 61 20.5 17.2 25.8
 87 17.4 15.2 22.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052037.D

Acq: 26 Oct 2018 19:13

Instrument :

MSVOA_N

ClientSampled :

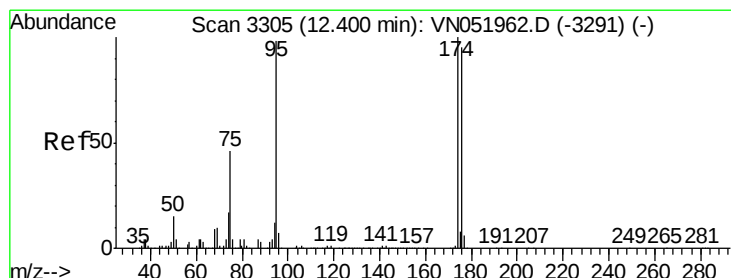
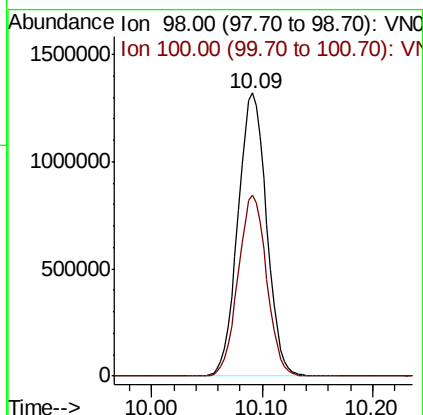
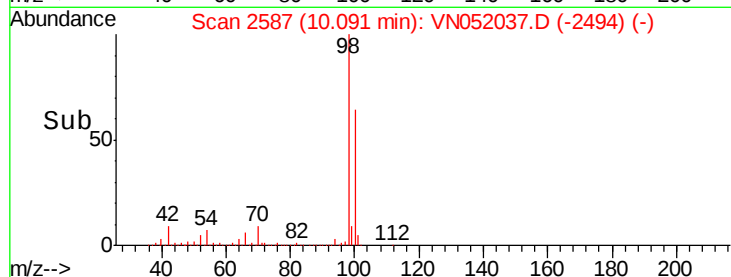
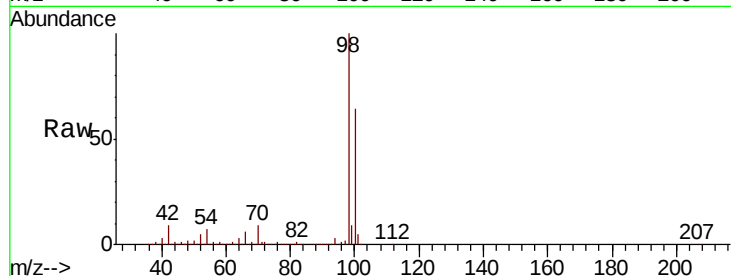
TP-5

Tot Ion: 98 Resp: 2372770

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052037.D

Acq: 26 Oct 2018 19:13

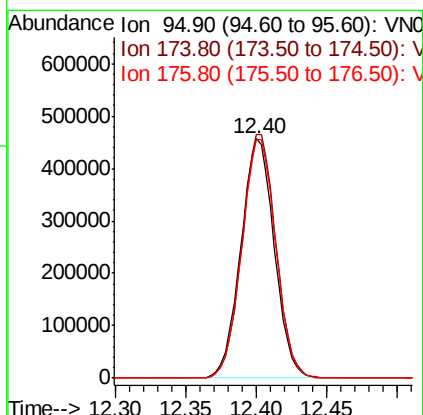
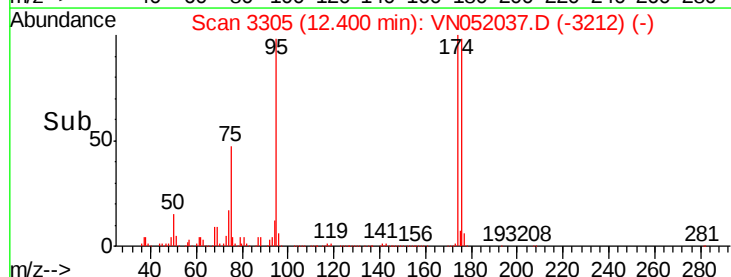
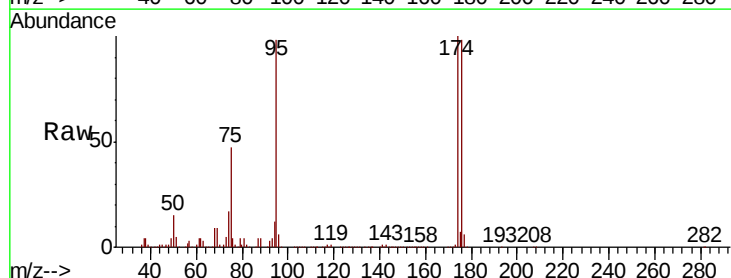
Tgt Ion: 95 Resp: 759223

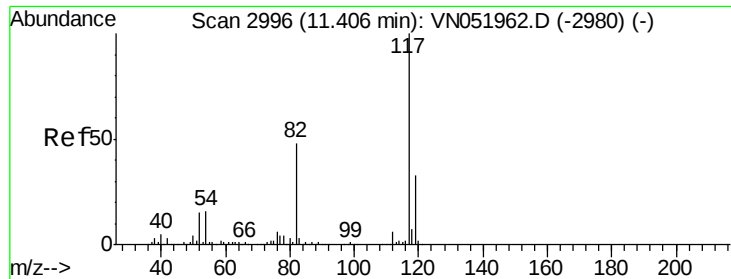
Ion Ratio Lower Upper

95 100

174 103.4 0.0 206.0

176 101.2 0.0 198.0

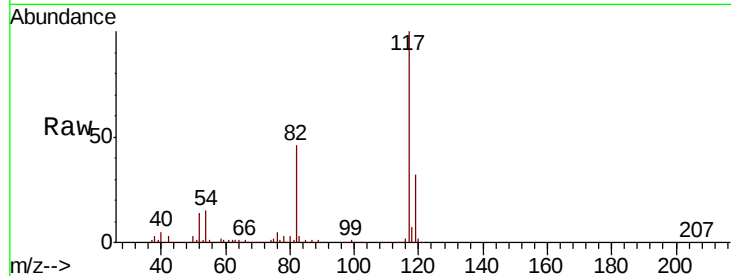




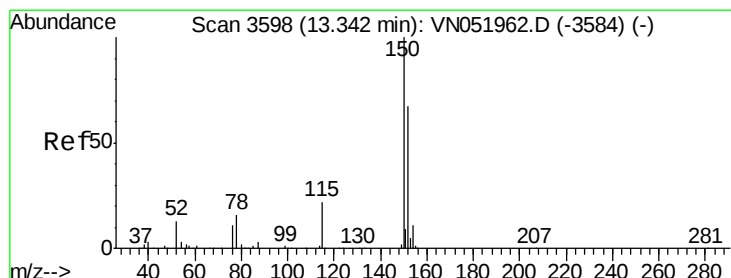
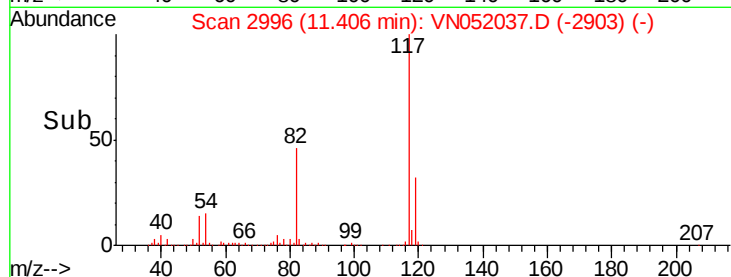
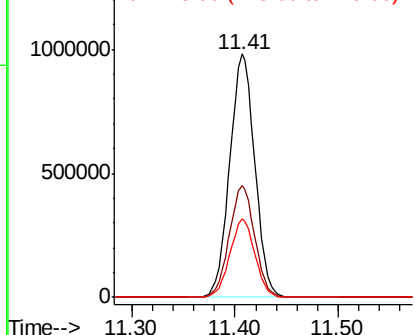
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052037.D
Acq: 26 Oct 2018 19:13

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion:117 Resp: 1664768
Ion Ratio Lower Upper
117 100
82 46.2 38.1 57.1
119 32.1 26.4 39.6

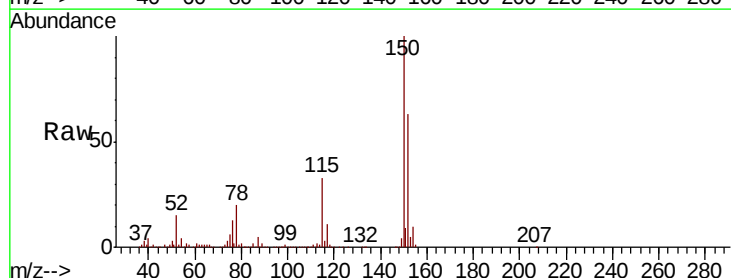


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052037.D
Acq: 26 Oct 2018 19:13

Tgt Ion:152 Resp: 779755
Ion Ratio Lower Upper
152 100
115 52.9 25.8 77.3
150 156.6 0.0 344.4



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

