

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049916.D
 Acq On : 19 Jul 2018 15:07
 Operator : MD\SY
 Sample : PB111251ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#03

Quant Time: Jul 20 02:00:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	564433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	947629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	808193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318345	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	403810	52.05	ug/l	0.00
Spiked Amount			Recovery	=	104.10%	
35) Dibromofluoromethane	7.59	113	351726	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	
50) Toluene-d8	10.09	98	1265580	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	368449	36.91	ug/l	0.00
Spiked Amount			Recovery	=	73.82%	

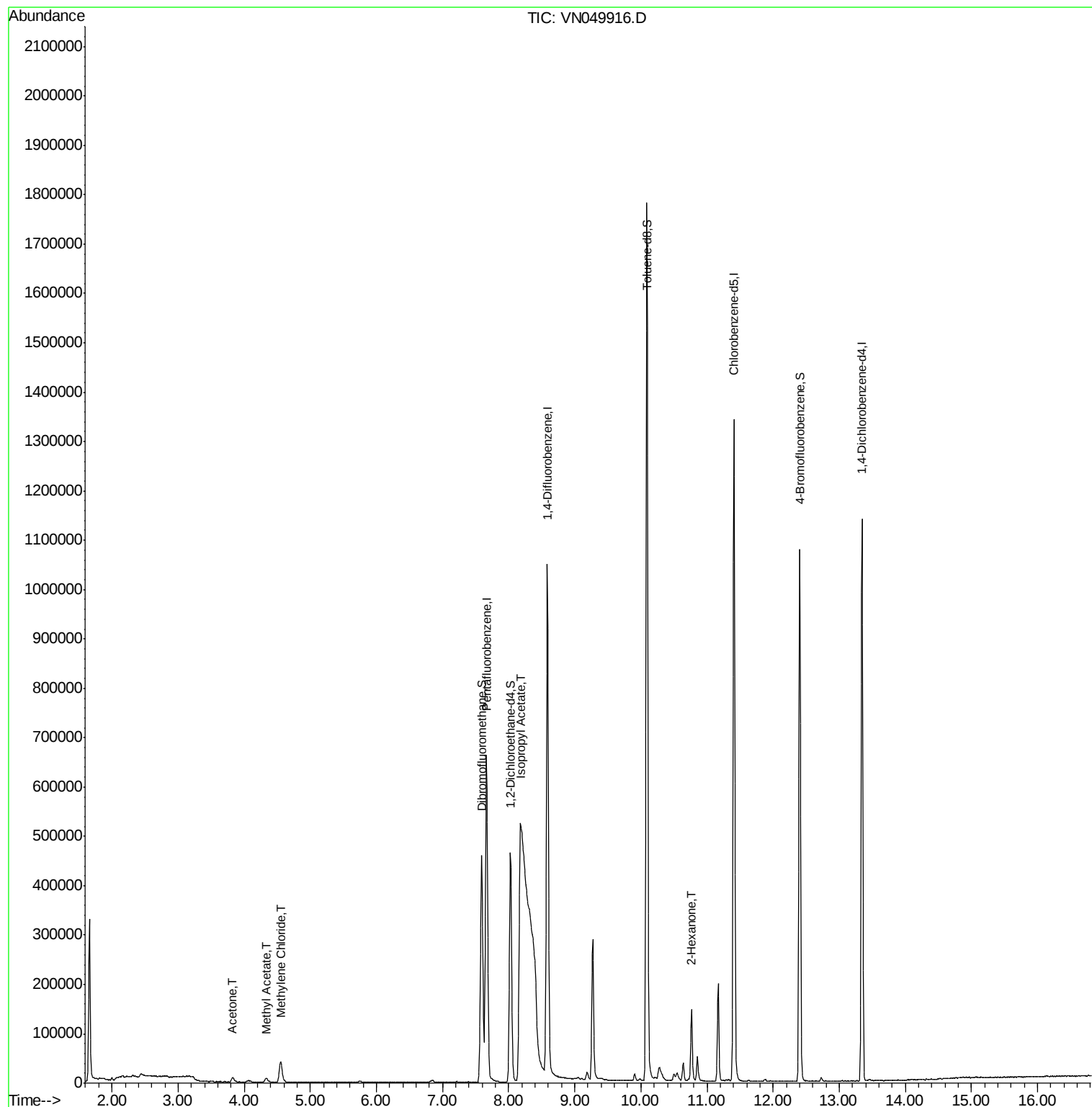
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16518	8.22	ug/l	98
18) Methyl Acetate	4.33	43	17601	2.00	ug/l	# 90
20) Methylene Chloride	4.55	84	33727	4.42	ug/l	94
43) Isopropyl Acetate	8.18	43	2159224	170.82	ug/l	# 67
59) 2-Hexanone	10.77	43	20704	4.36	ug/l	# 56

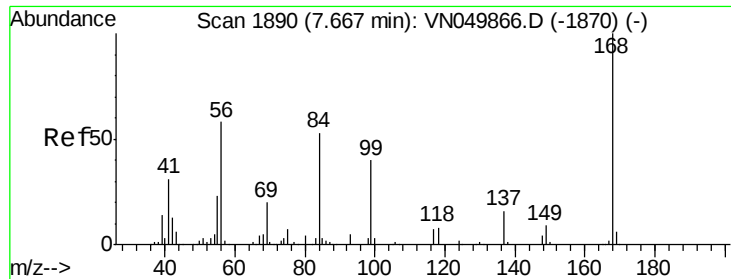
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071918\
Data File : VN049916.D
Acq On : 19 Jul 2018 15:07
Operator : MD\SY
Sample : PB111251ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#03

Quant Time: Jul 20 02:00:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049916.D

Acq: 19 Jul 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

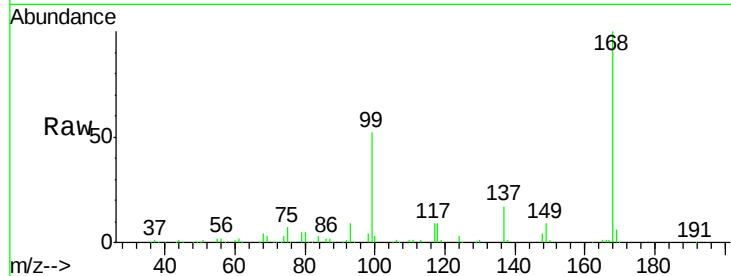
PB111251ZHE#03

Tot Ion:168 Resp: 564433

Ion Ratio Lower Upper

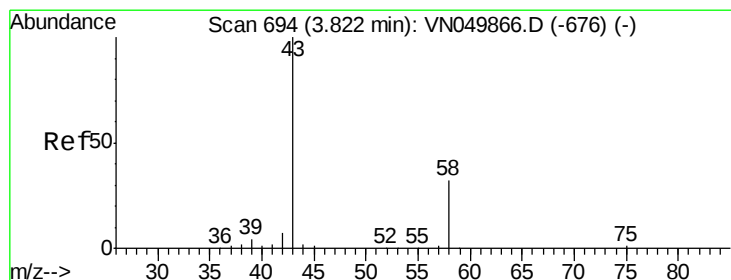
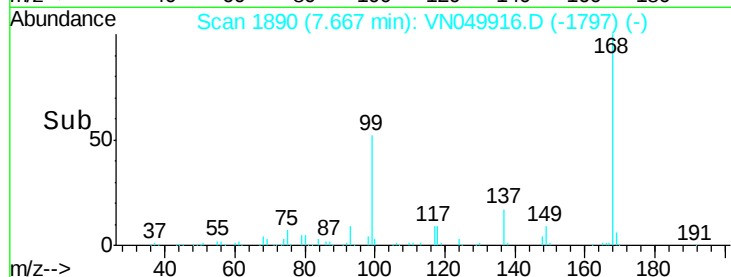
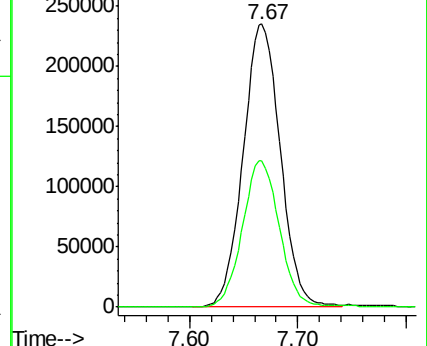
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.22 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049916.D

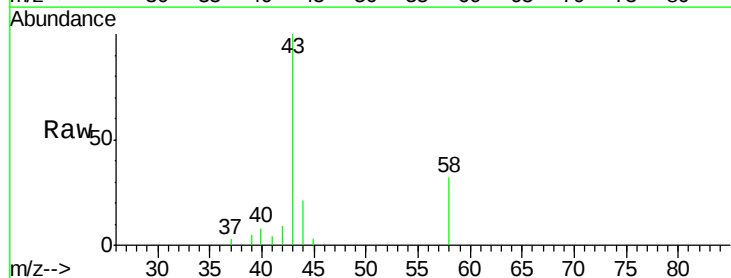
Acq: 19 Jul 2018 15:07

Tgt Ion: 43 Resp: 16518

Ion Ratio Lower Upper

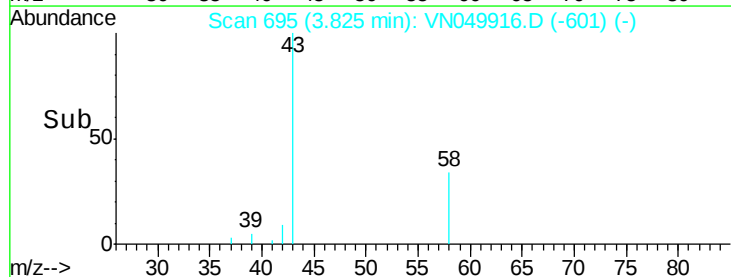
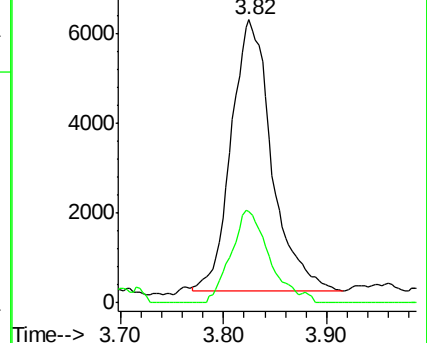
43 100

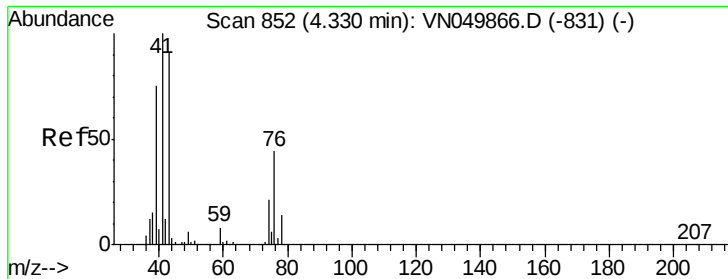
58 33.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

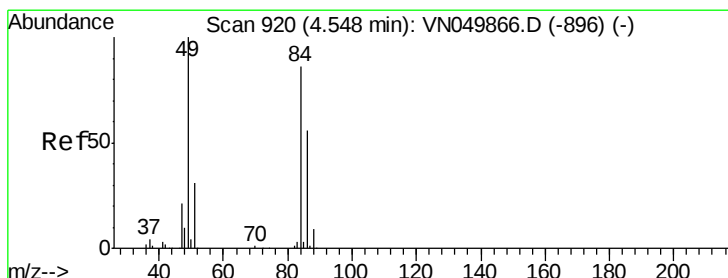
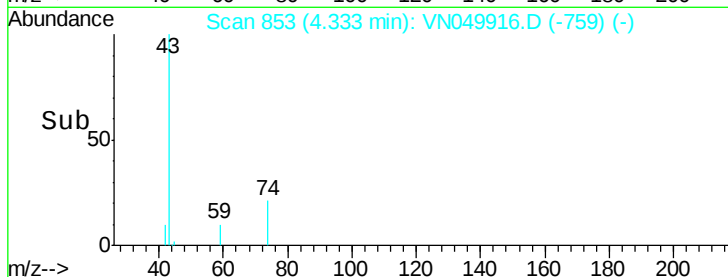
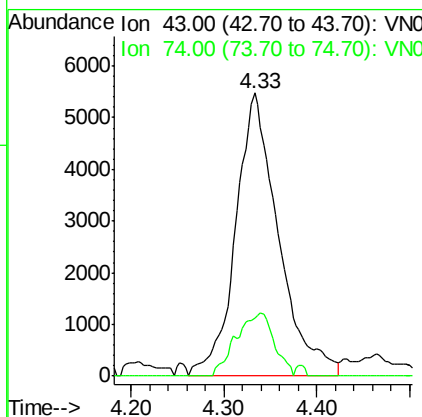
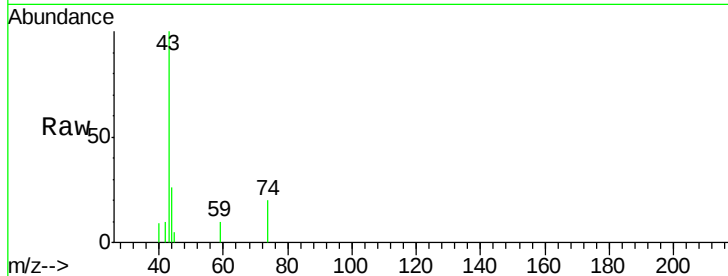




#18
Methvl Acetate
Concen: 2.00 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049916.D
Acq: 19 Jul 2018 15:07

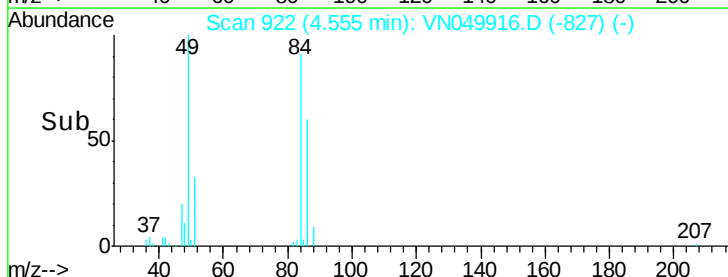
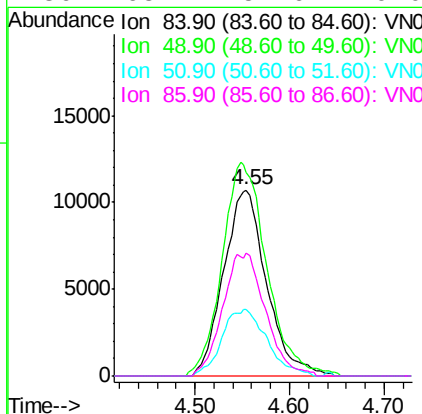
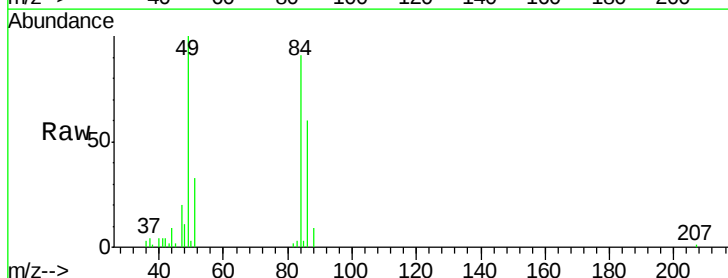
Instrument :
MSVOA_N
ClientSampleId :
PB111251ZHE#03

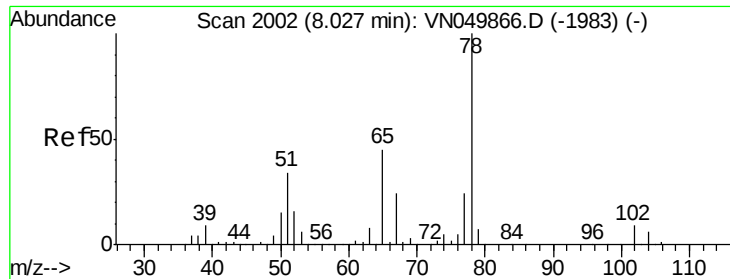
Tot Ion: 43 Resp: 17601
Ion Ratio Lower Upper
43 100
74 19.8 19.8 29.8#



#20
Methylene Chloride
Concen: 4.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049916.D
Acq: 19 Jul 2018 15:07

Tgt Ion: 84 Resp: 33727
Ion Ratio Lower Upper
84 100
49 108.0 95.4 143.2
51 35.7 28.4 42.6
86 65.7 52.6 79.0

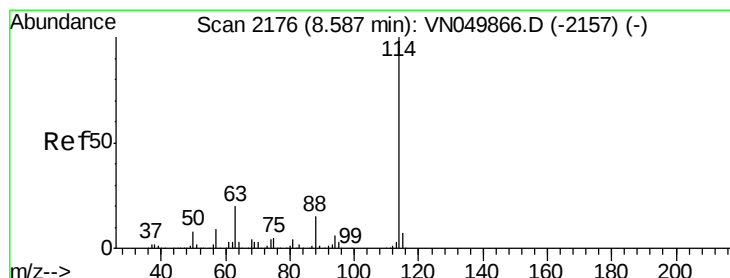
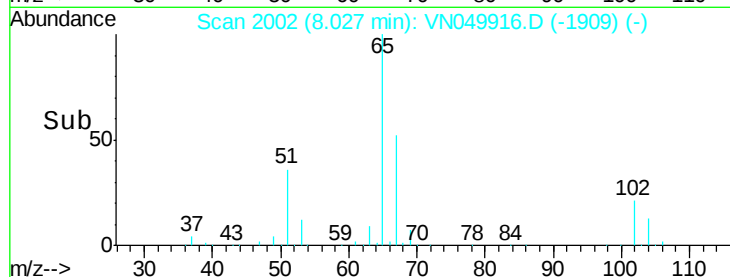
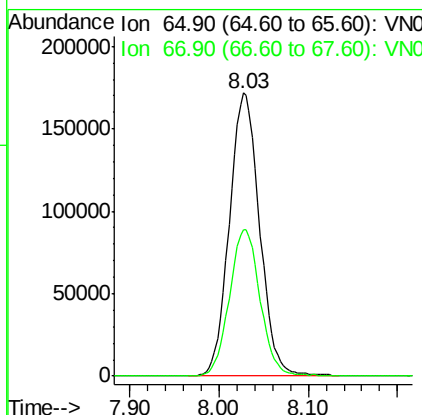
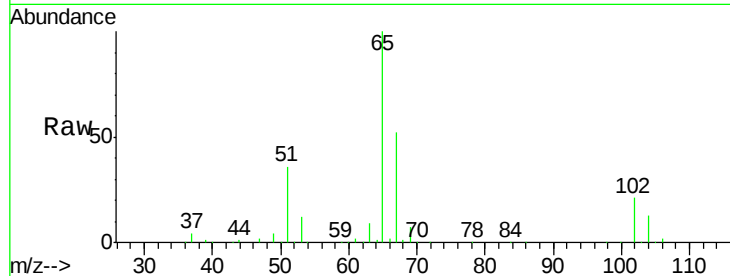




#33
 1,2-Dichloroethane-d4
 Concen: 52.05 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049916.D
 Acq: 19 Jul 2018 15:07

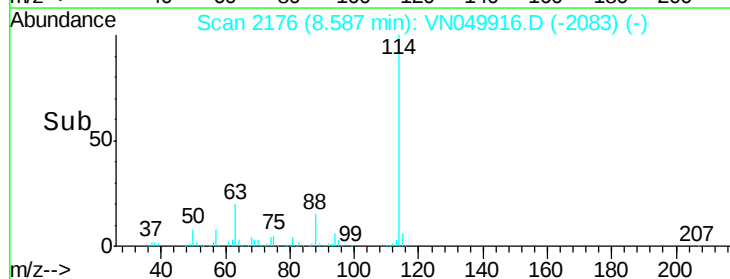
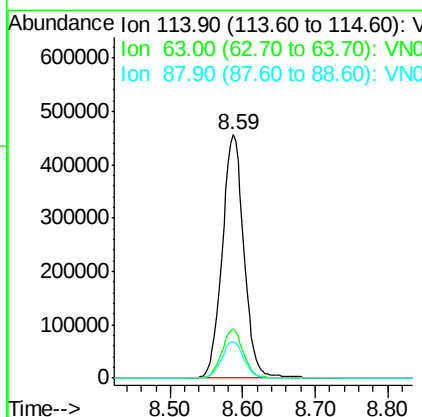
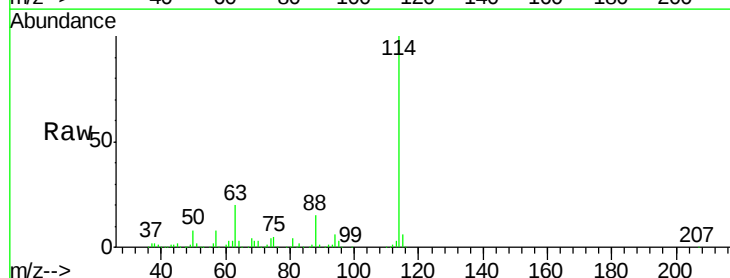
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#03

Tot Ion: 65 Resp: 403810
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049916.D
 Acq: 19 Jul 2018 15:07

Tgt Ion: 114 Resp: 947629
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.1 0.0 30.6

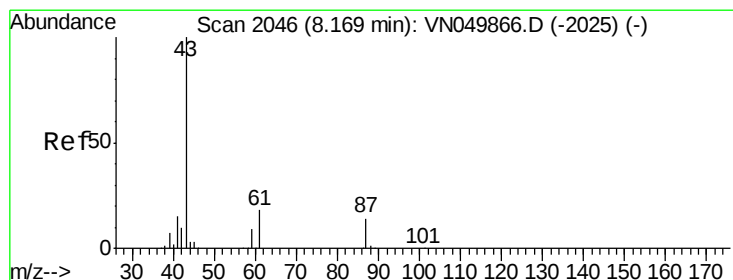
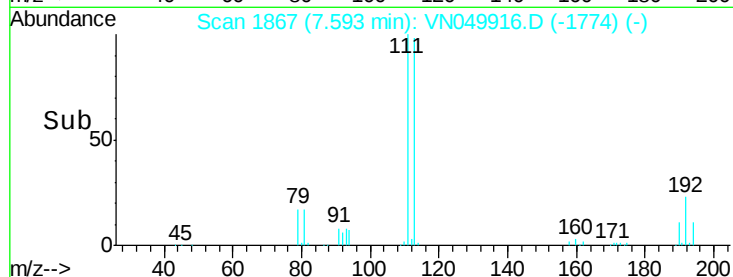
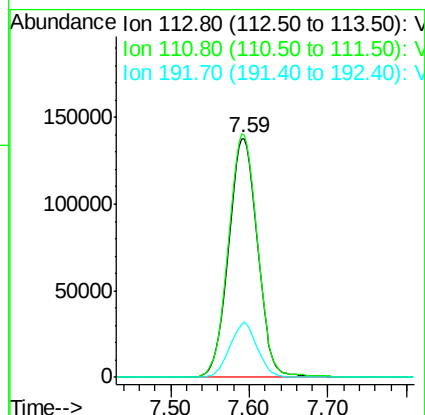
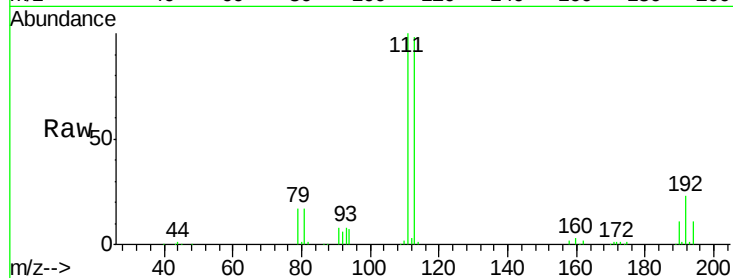




#35
 Dibromofluoromethane
 Concen: 44.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049916.D
 Acq: 19 Jul 2018 15:07

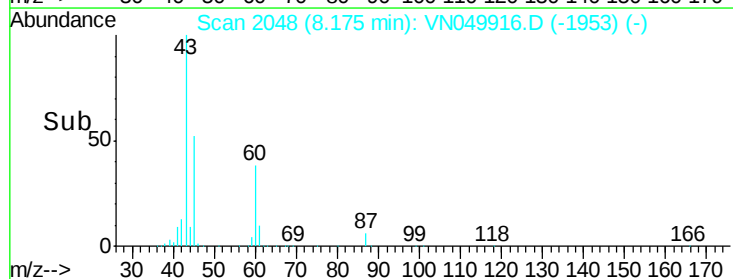
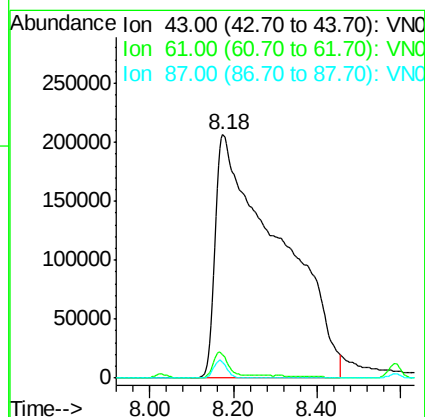
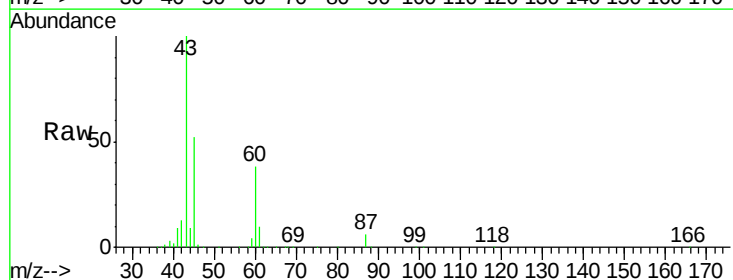
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111251ZHE#03

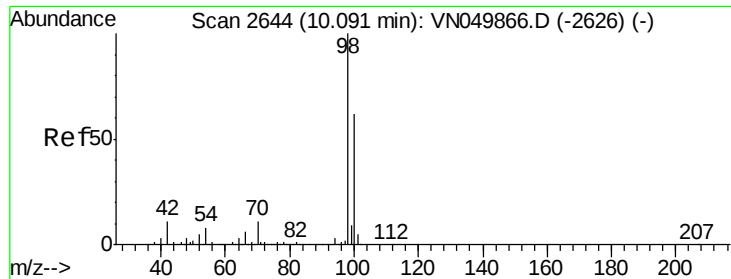
Tot Ion:113 Resp: 351726
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.8 122.8
 192 21.8 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 170.82 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN049916.D
 Acq: 19 Jul 2018 15:07

Tgt Ion: 43 Resp: 2159224
 Ion Ratio Lower Upper
 43 100
 61 2.6 14.9 22.3#
 87 1.5 10.0 15.0#





#50

Toluene-d8

Concen: 43.66 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049916.D

Acq: 19 Jul 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

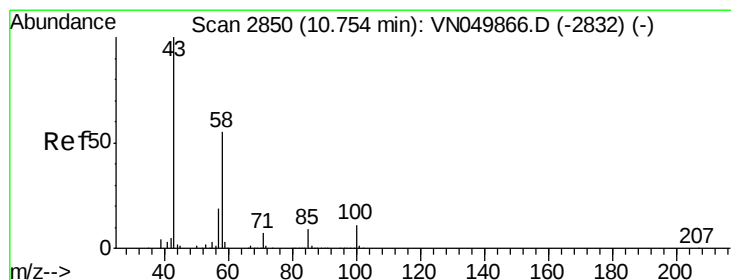
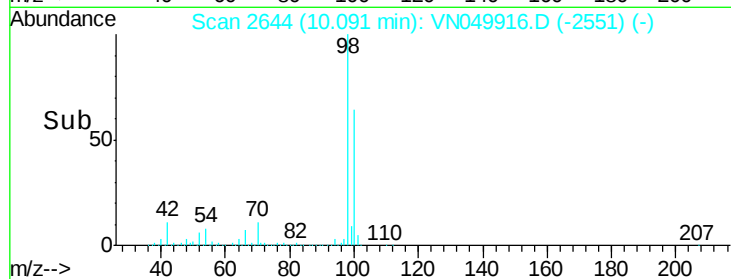
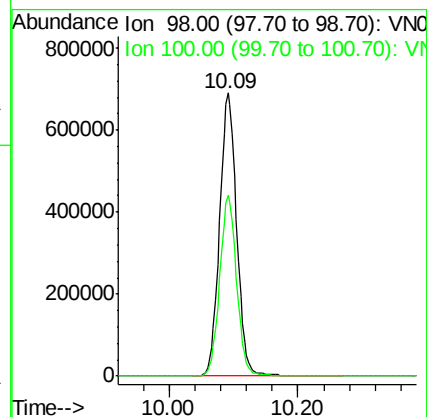
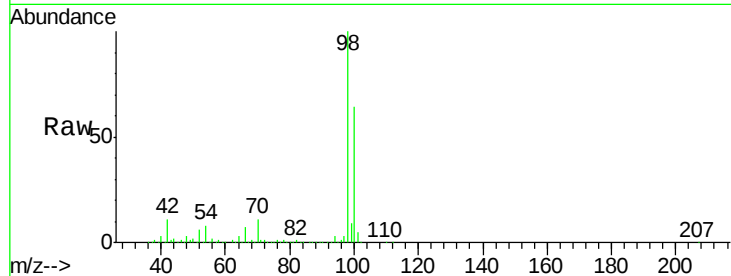
PB111251ZHE#03

Tot Ion: 98 Resp: 1265580

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



#59

2-Hexanone

Concen: 4.36 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049916.D

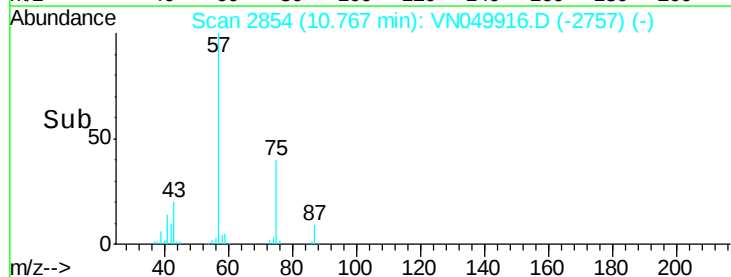
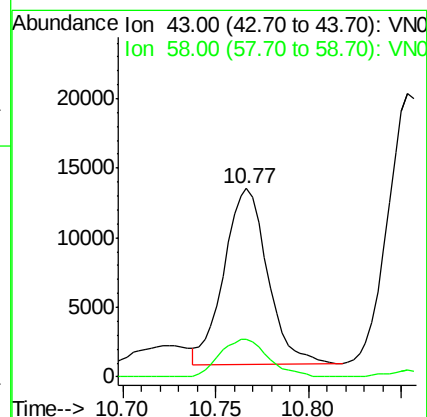
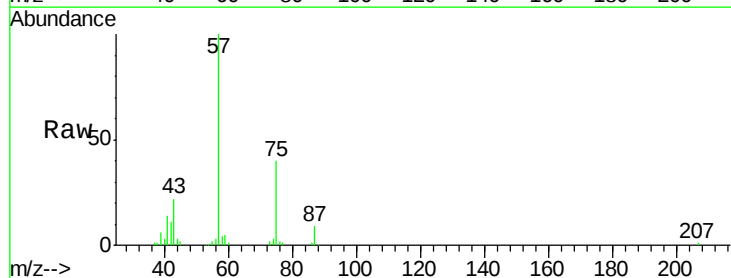
Acq: 19 Jul 2018 15:07

Tgt Ion: 43 Resp: 20704

Ion Ratio Lower Upper

43 100

58 23.8 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 36.91 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049916.D

Acq: 19 Jul 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#03

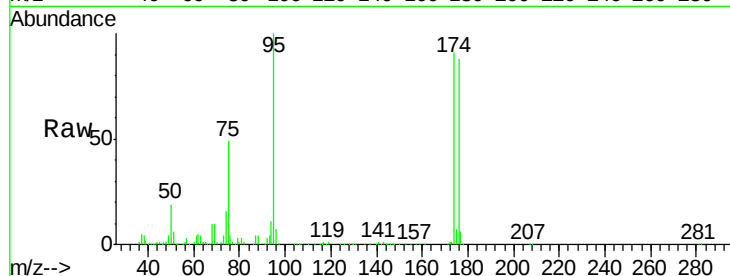
Tot Ion: 95 Resp: 368449

Ion Ratio Lower Upper

95 100

174 90.9 0.0 179.6

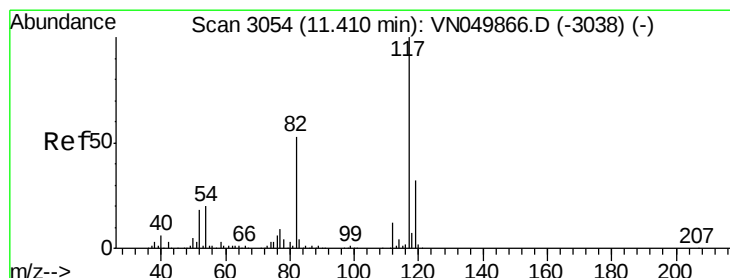
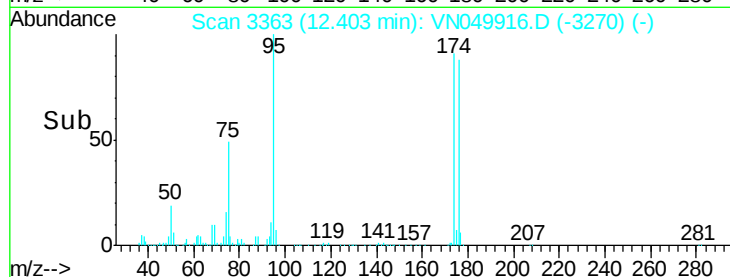
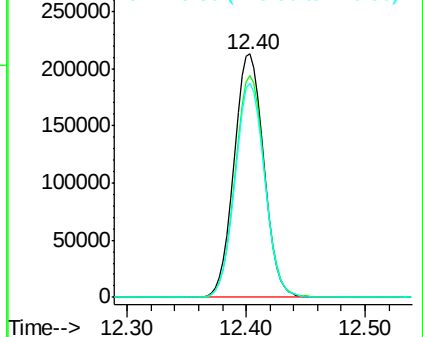
176 87.4 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049916.D

Acq: 19 Jul 2018 15:07

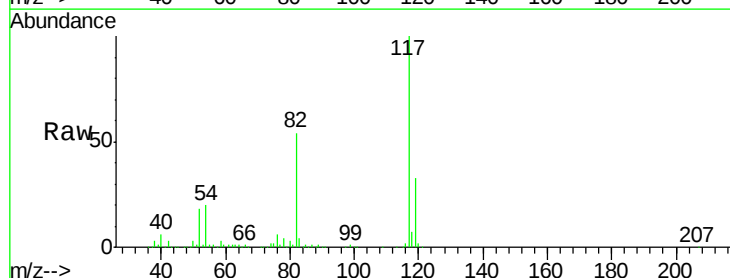
Tgt Ion: 117 Resp: 808193

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

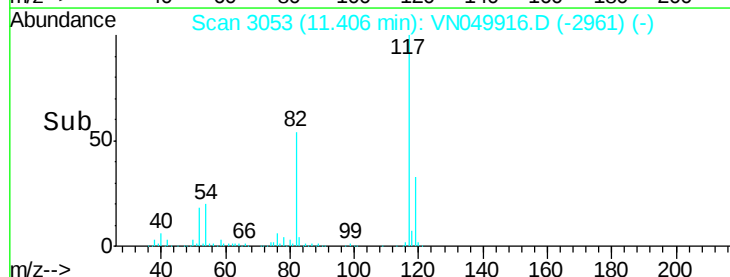
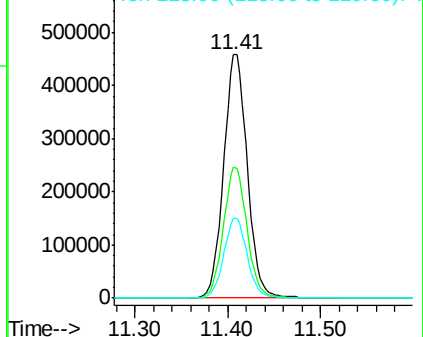
119 33.0 25.4 38.2

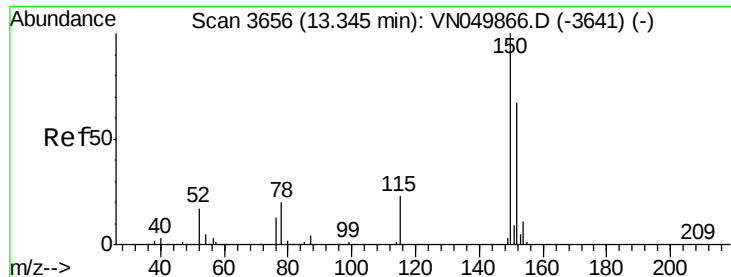


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049916.D

Acq: 19 Jul 2018 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB111251ZHE#03

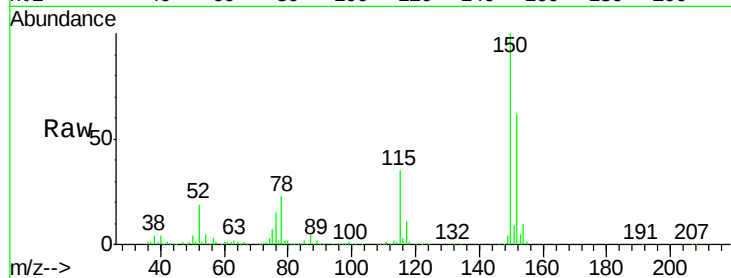
Tot Ion:152 Resp: 318345

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 159.0 0.0 347.6



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

