

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049580.D
 Acq On : 27 Jun 2018 18:39
 Operator : MD\SY
 Sample : PB110627ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#08

Quant Time: Jun 28 02:19:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1113140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1787751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1455253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538461	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	737104	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	616364	42.61	ug/l	0.00
Spiked Amount			Recovery	=	85.22%	
50) Toluene-d8	10.09	98	2402068	43.62	ug/l	0.00
Spiked Amount			Recovery	=	87.24%	
62) 4-Bromofluorobenzene	12.40	95	669298	36.75	ug/l	0.00
Spiked Amount			Recovery	=	73.50%	

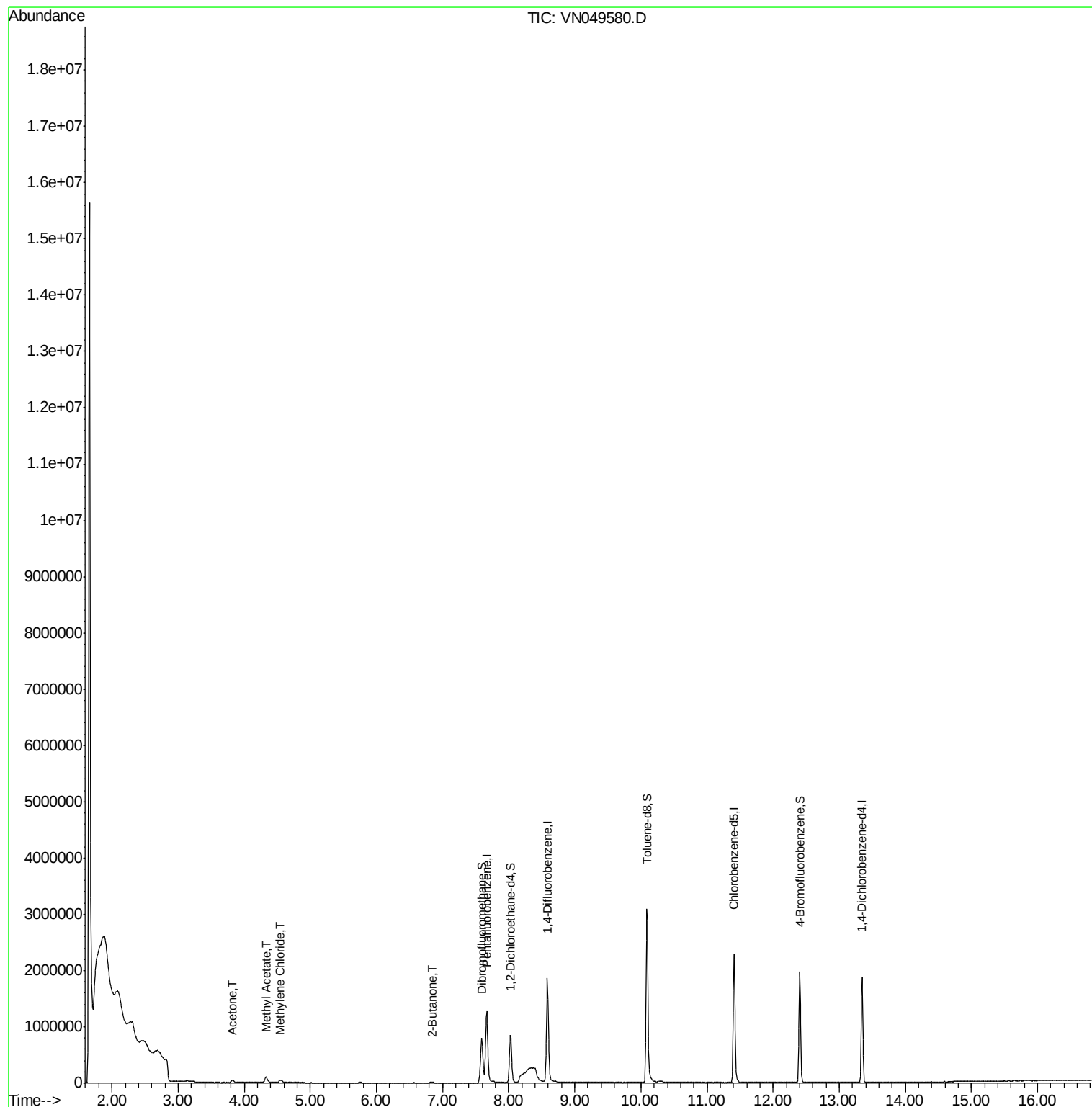
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	87328	24.36	ug/l	92
18) Methyl Acetate	4.33	43	198059	18.12	ug/l	97
20) Methylene Chloride	4.55	84	35706	2.38	ug/l #	85
25) 2-Butanone	6.85	43	9701	2.02	ug/l	91

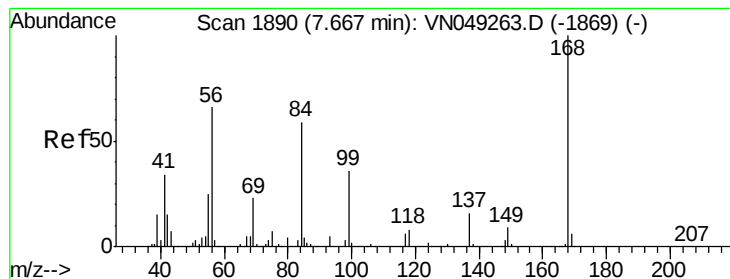
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062718\
Data File : VN049580.D
Acq On : 27 Jun 2018 18:39
Operator : MD\SY
Sample : PB110627ZHE#08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#08

Quant Time: Jun 28 02:19:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049580.D

Acq: 27 Jun 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

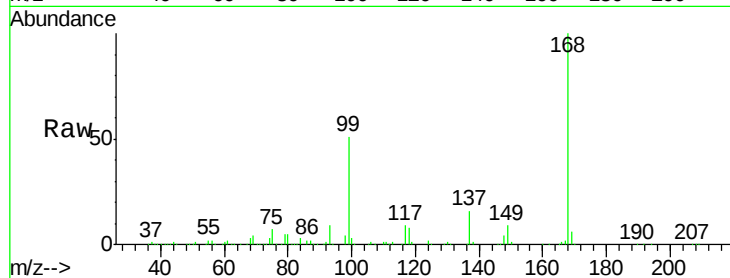
PB110627ZHE#08

Tot Ion:168 Resp: 1113140

Ion Ratio Lower Upper

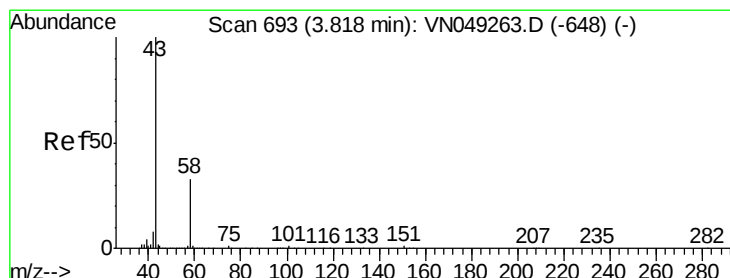
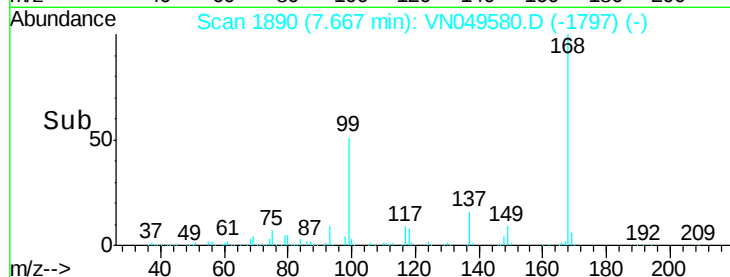
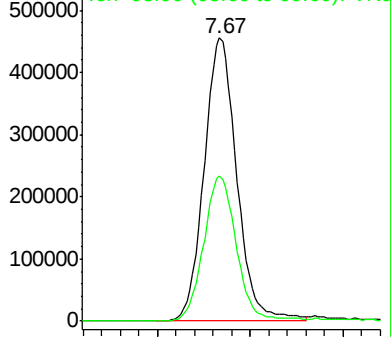
168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 24.36 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049580.D

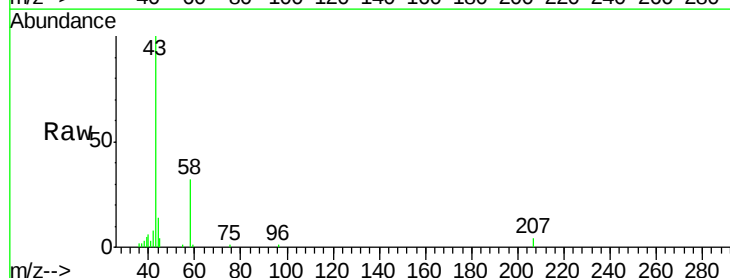
Acq: 27 Jun 2018 18:39

Tgt Ion: 43 Resp: 87328

Ion Ratio Lower Upper

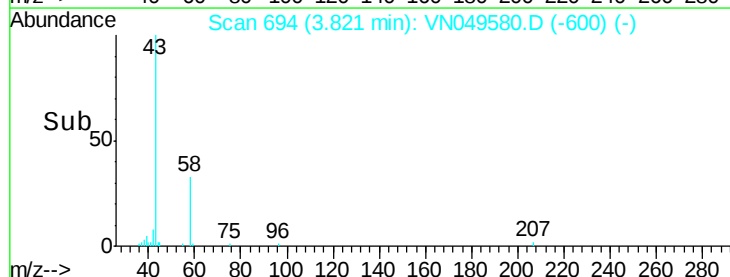
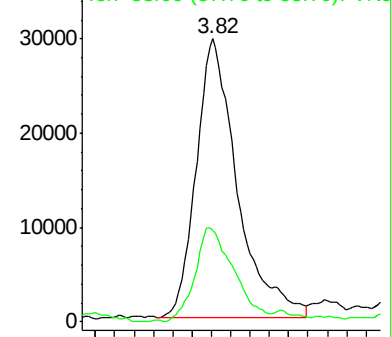
43 100

58 32.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

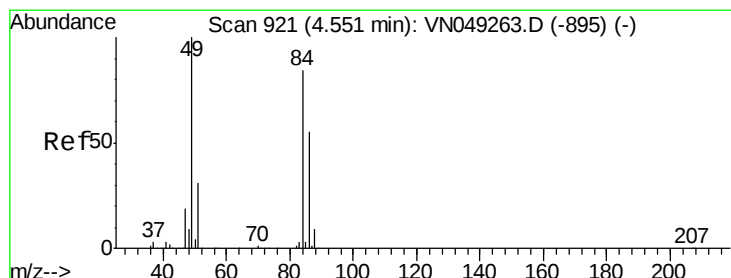
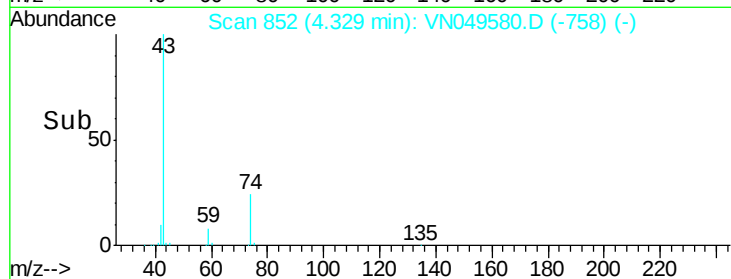
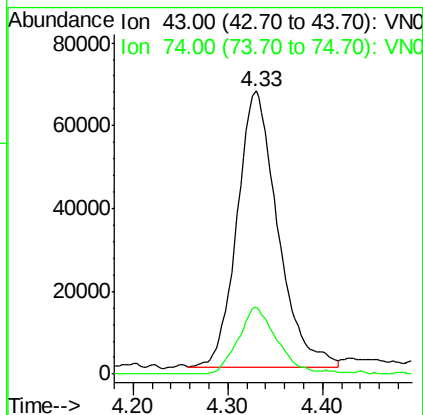
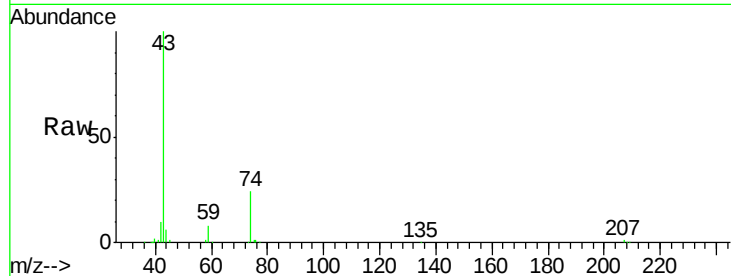




#18
Methvl Acetate
Concen: 18.12 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049580.D
Acq: 27 Jun 2018 18:39

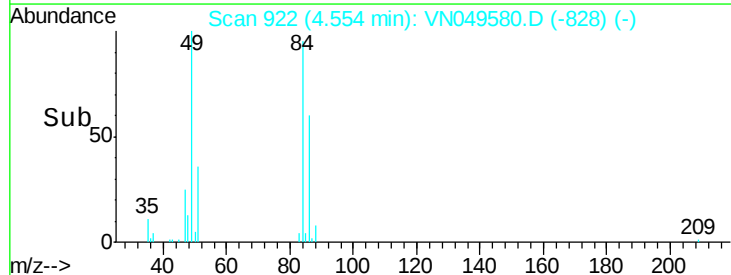
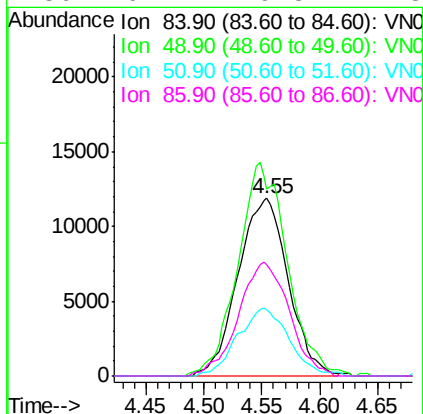
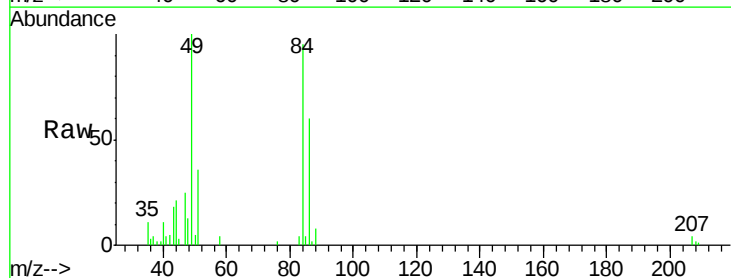
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#08

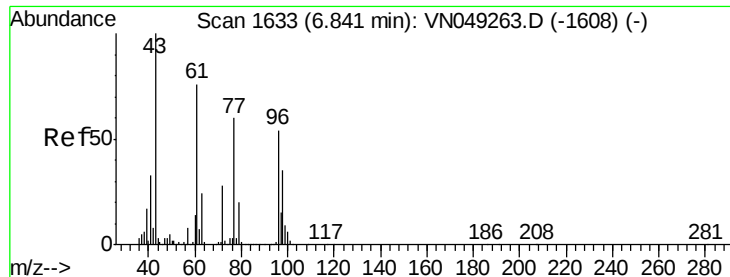
Tot Ion: 43 Resp: 198059
Ion Ratio Lower Upper
43 100
74 23.1 17.4 26.0



#20
Methylene Chloride
Concen: 2.38 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049580.D
Acq: 27 Jun 2018 18:39

Tgt Ion: 84 Resp: 35706
Ion Ratio Lower Upper
84 100
49 103.9 106.9 160.3#
51 37.5 32.7 49.1
86 62.7 49.8 74.8





#25

2-Butanone

Concen: 2.02 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049580.D

Acq: 27 Jun 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

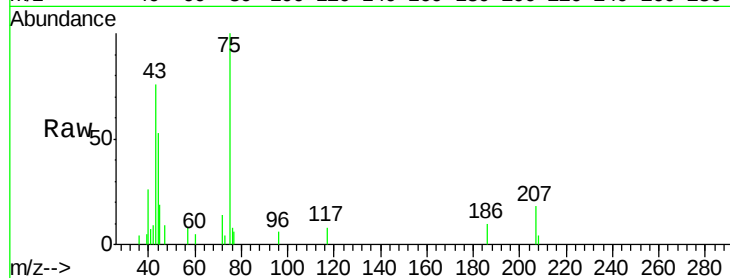
PB110627ZHE#08

Tot Ion: 43 Resp: 9701

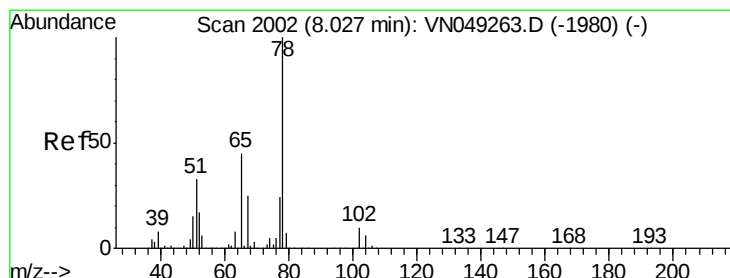
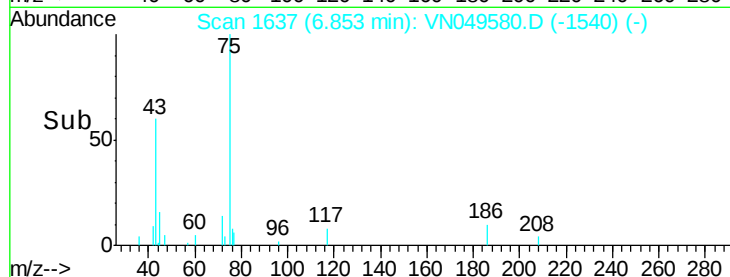
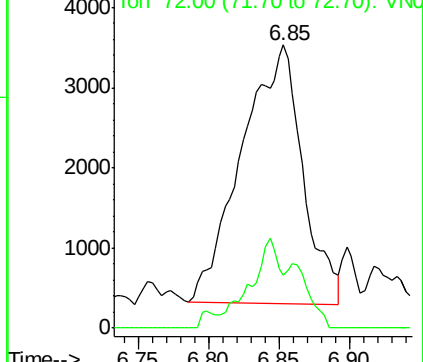
Ion Ratio Lower Upper

43 100

72 20.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1608) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.93 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049580.D

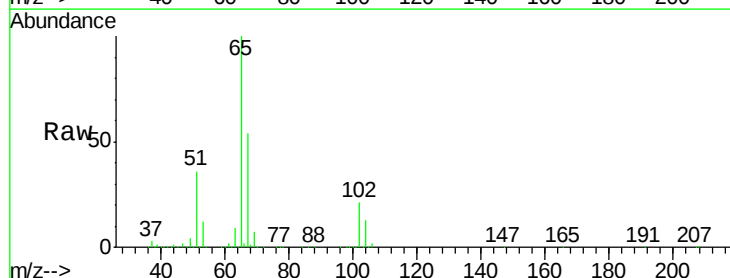
Acq: 27 Jun 2018 18:39

Tgt Ion: 65 Resp: 737104

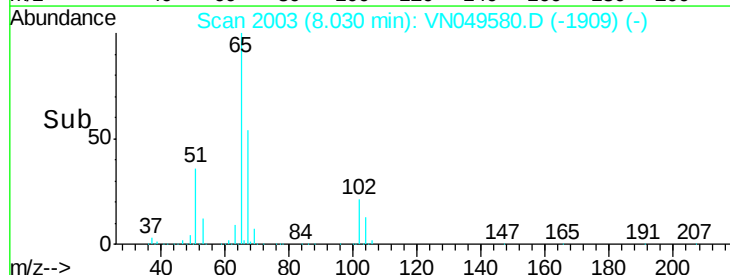
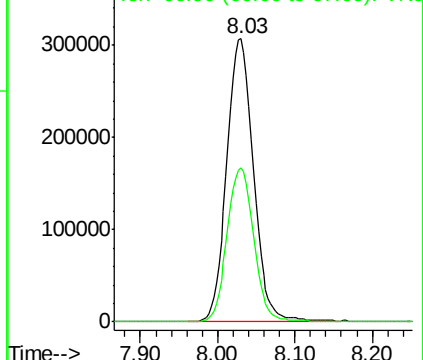
Ion Ratio Lower Upper

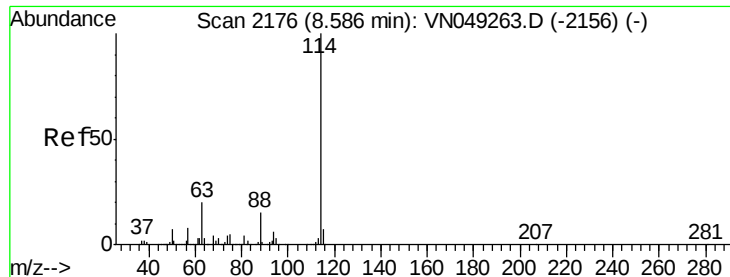
65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

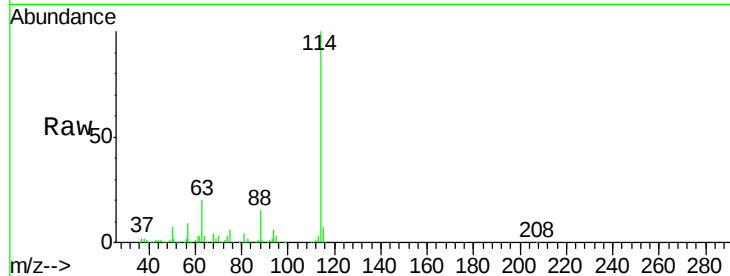




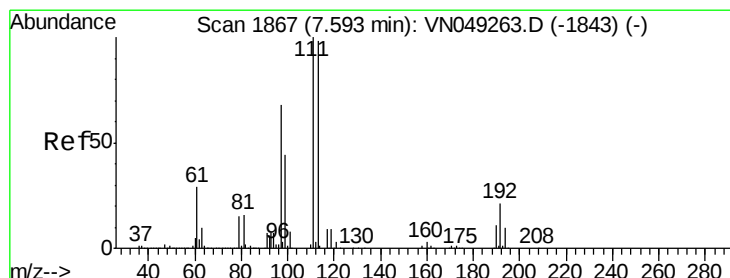
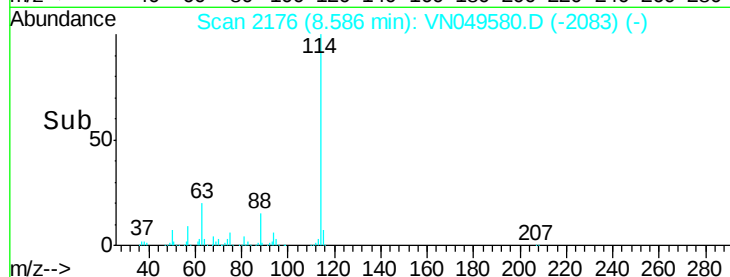
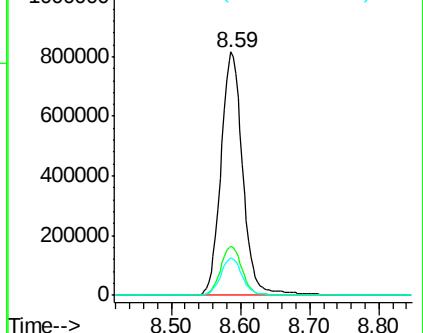
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049580.D
 Acq: 27 Jun 2018 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#08

Tot Ion:114 Resp: 1787751
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.5 0.0 31.4

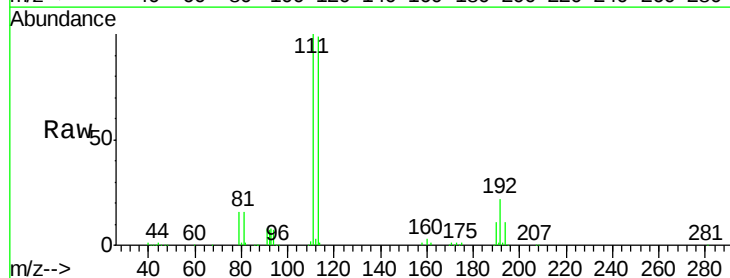


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

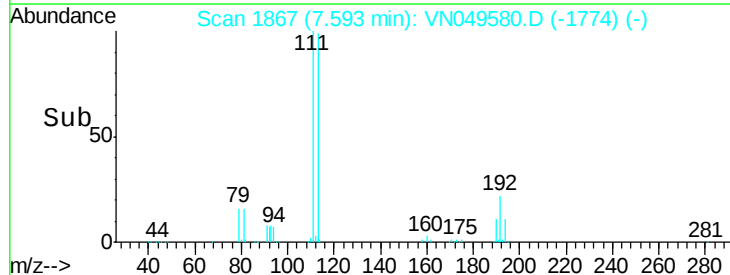
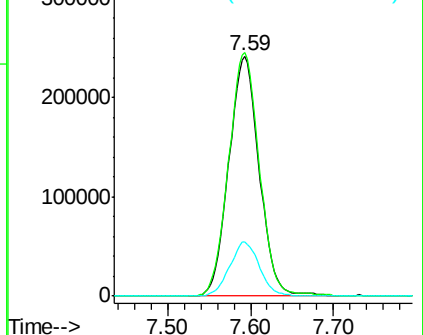


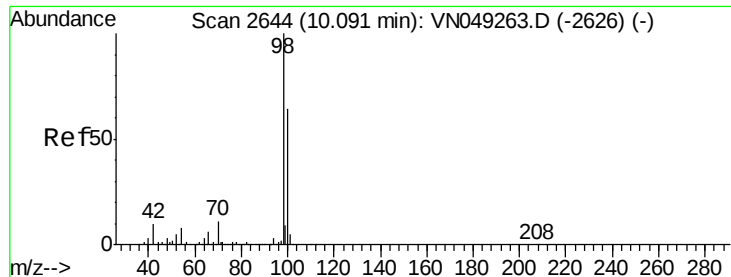
#35
 Dibromofluoromethane
 Concen: 42.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049580.D
 Acq: 27 Jun 2018 18:39

Tgt Ion:113 Resp: 616364
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 22.3 15.0 22.6



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





#50

Toluene-d8

Concen: 43.62 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049580.D

Acq: 27 Jun 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

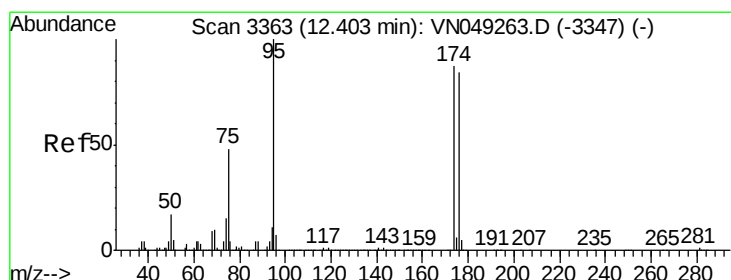
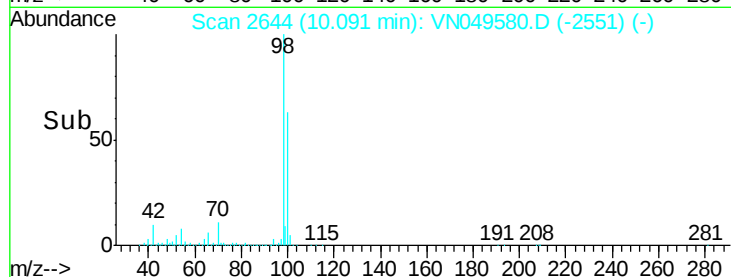
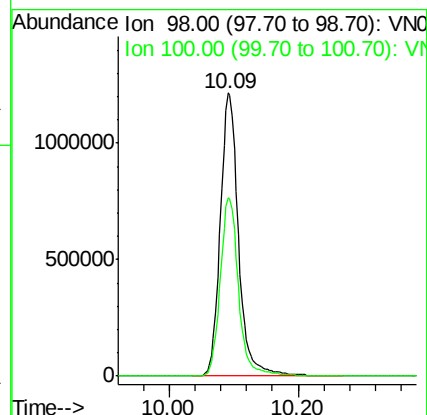
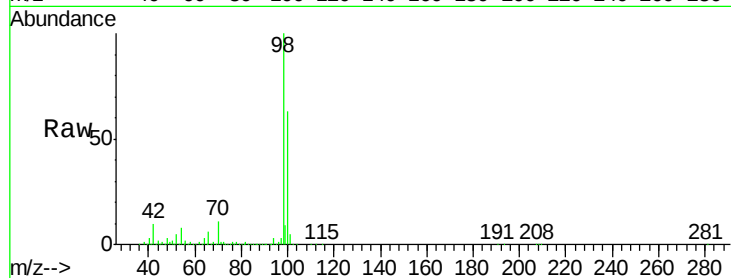
PB110627ZHE#08

Tot Ion: 98 Resp: 2402068

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 36.75 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049580.D

Acq: 27 Jun 2018 18:39

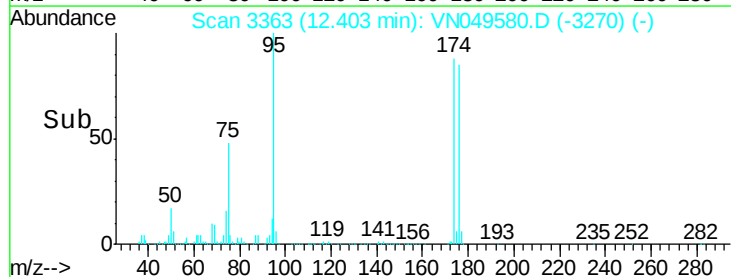
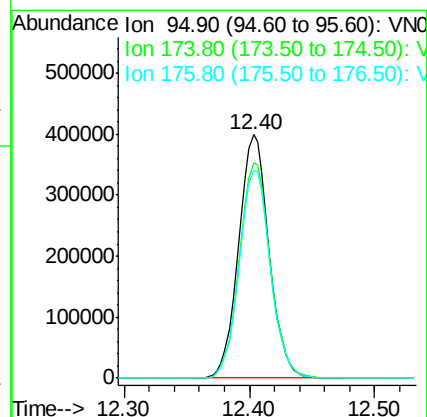
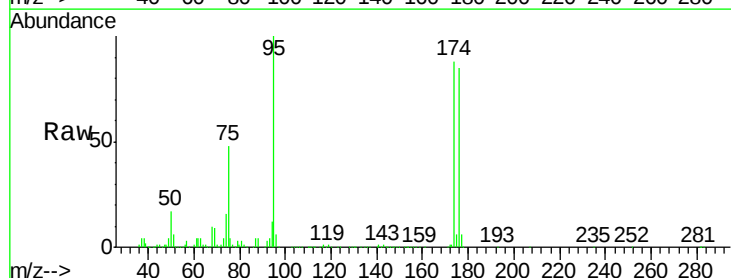
Tgt Ion: 95 Resp: 669298

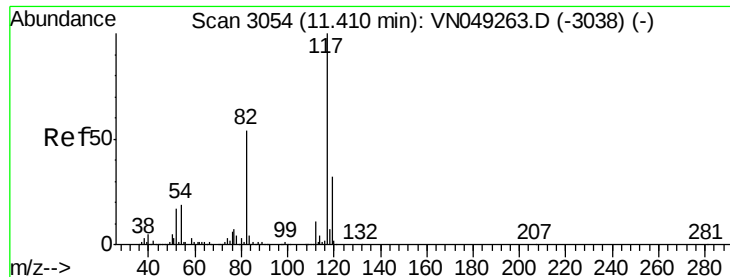
Ion Ratio Lower Upper

95 100

174 90.7 0.0 165.6

176 87.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049580.D

Acq: 27 Jun 2018 18:39

Instrument :

MSVOA_N

ClientSampled :

PB110627ZHE#08

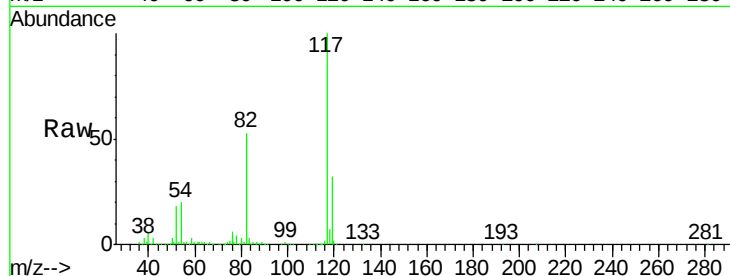
Tot Ion:117 Resp: 1455253

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

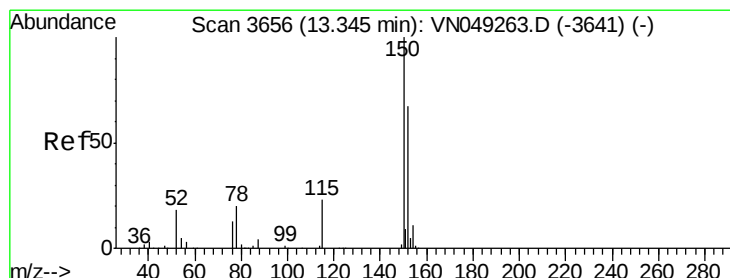
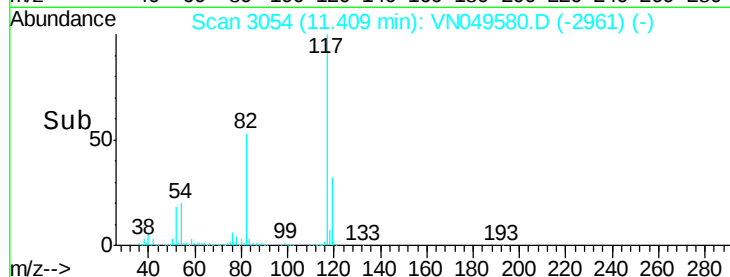
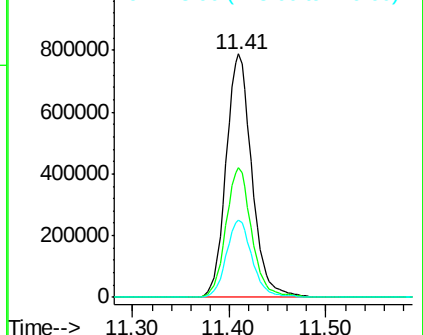
119 31.8 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049580.D

Acq: 27 Jun 2018 18:39

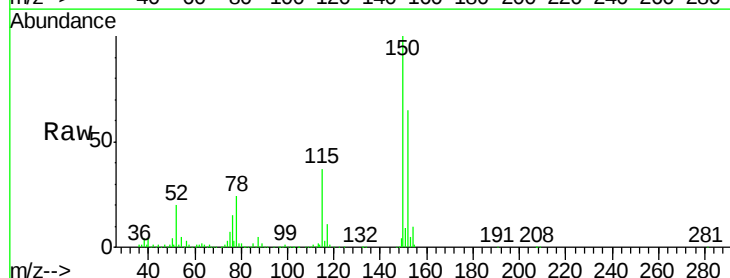
Tgt Ion:152 Resp: 538461

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

150 157.0 0.0 351.0



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

