

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049590.D
 Acq On : 28 Jun 2018 15:25
 Operator : MD\SY
 Sample : PB110627ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#13

Quant Time: Jun 29 03:18:00 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	1133616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1835432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1464211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	540959	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	756696	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
35) Dibromofluoromethane	7.59	113	620951	41.82	ug/l	0.00
Spiked Amount			Recovery	=	83.64%	
50) Toluene-d8	10.09	98	2434545	43.06	ug/l	0.00
Spiked Amount			Recovery	=	86.12%	
62) 4-Bromofluorobenzene	12.40	95	669500	35.81	ug/l	0.00
Spiked Amount			Recovery	=	71.62%	

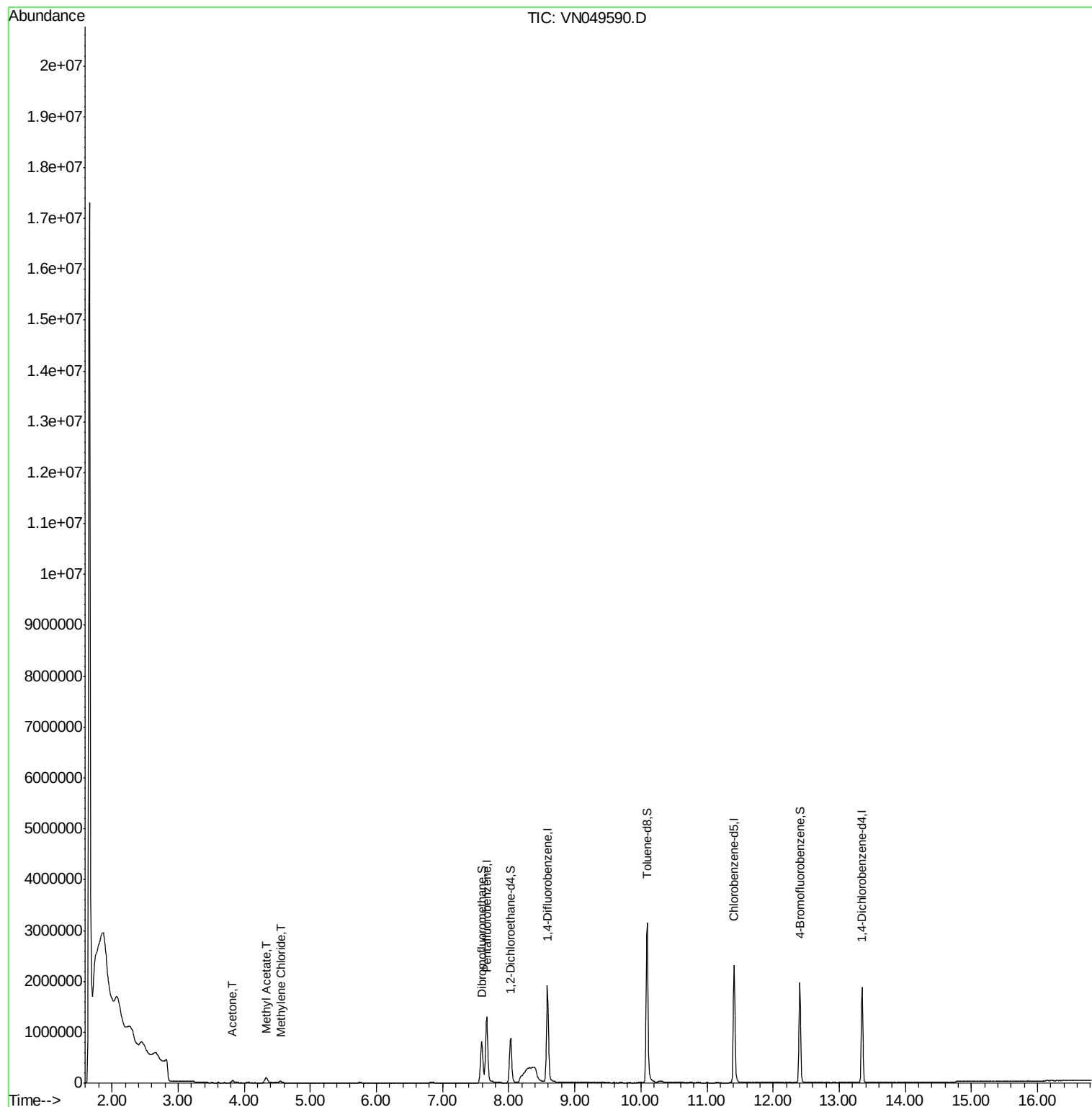
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	78759	21.57	ug/l #	87
18) Methyl Acetate	4.33	43	203434	18.28	ug/l	94
20) Methylene Chloride	4.54	84	21188	1.39	ug/l #	75

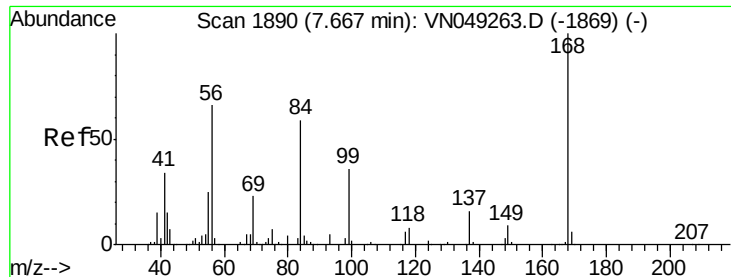
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

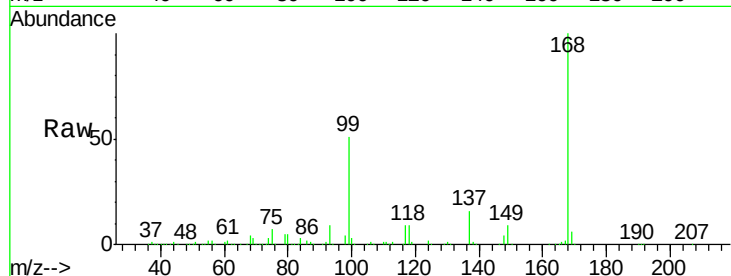
PB110627ZHE#13

Tot Ion:168 Resp: 1133616

Ion Ratio Lower Upper

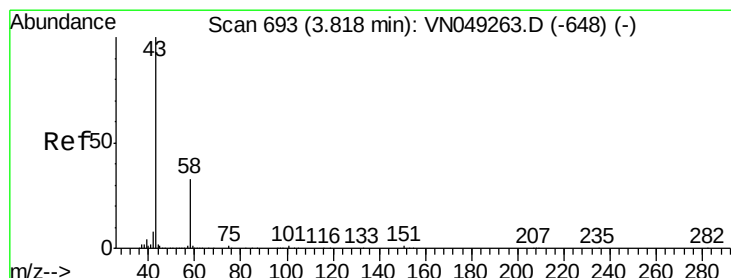
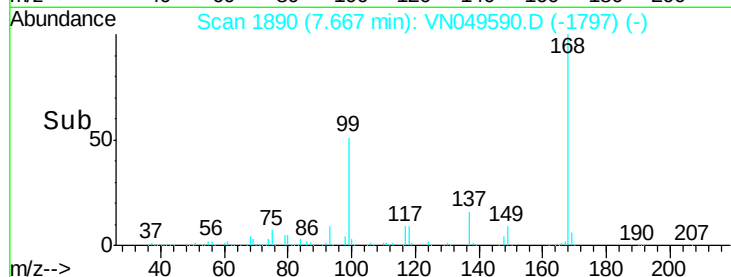
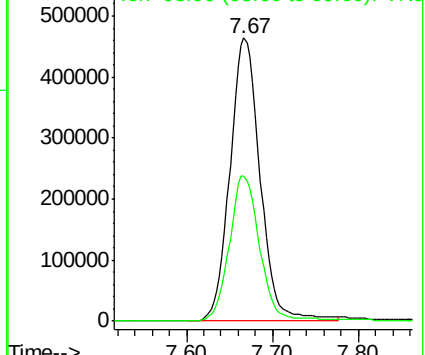
168 100

99 51.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 21.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049590.D

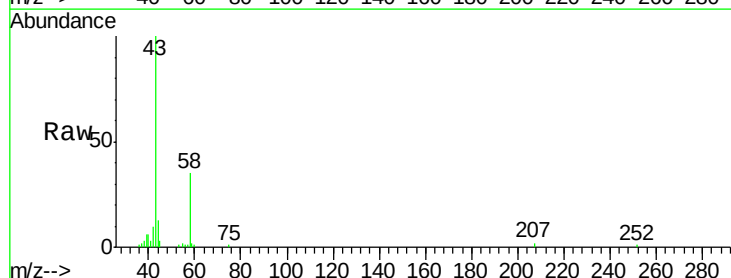
Acq: 28 Jun 2018 15:25

Tgt Ion: 43 Resp: 78759

Ion Ratio Lower Upper

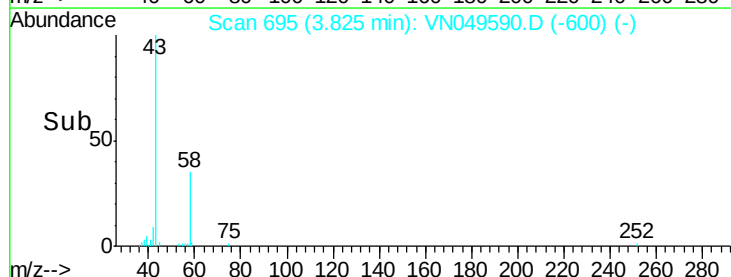
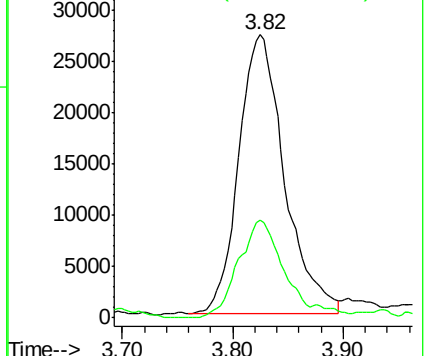
43 100

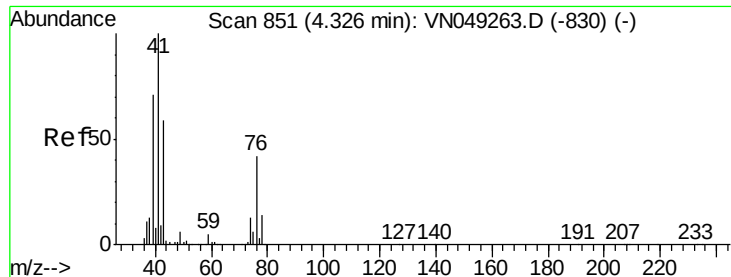
58 35.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

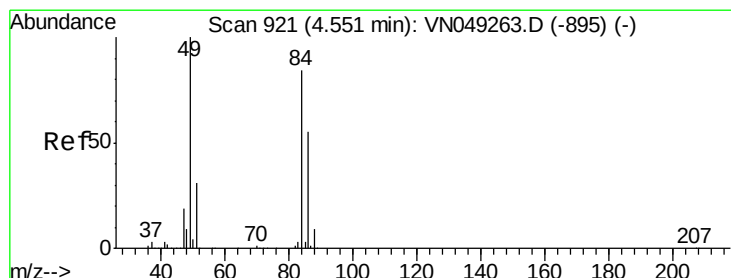
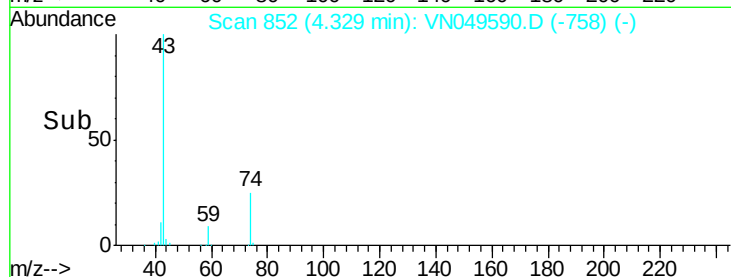
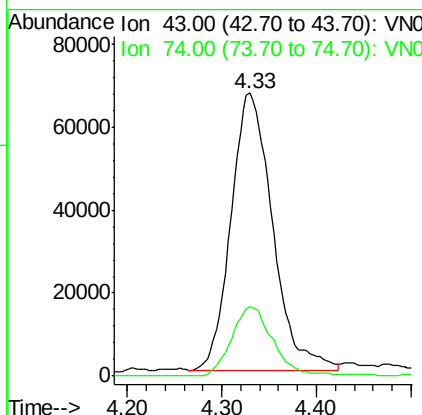
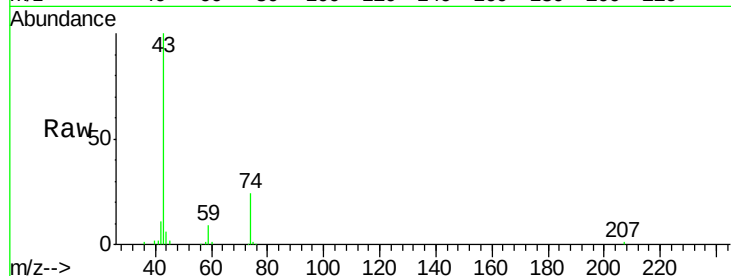




#18
Methvl Acetate
Concen: 18.28 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049590.D
Acq: 28 Jun 2018 15:25

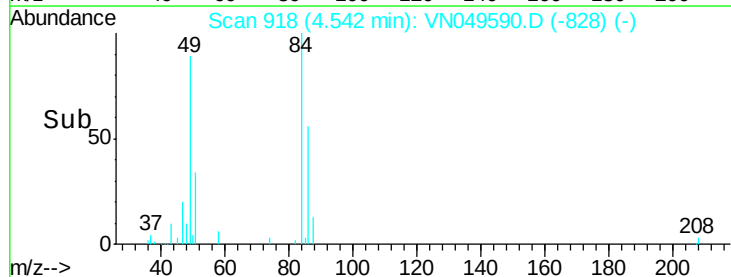
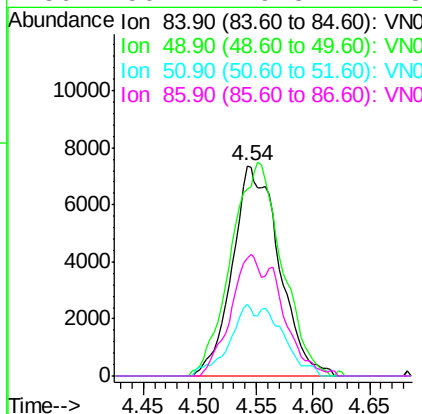
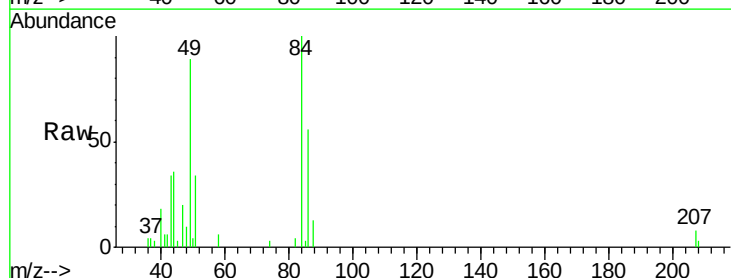
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#13

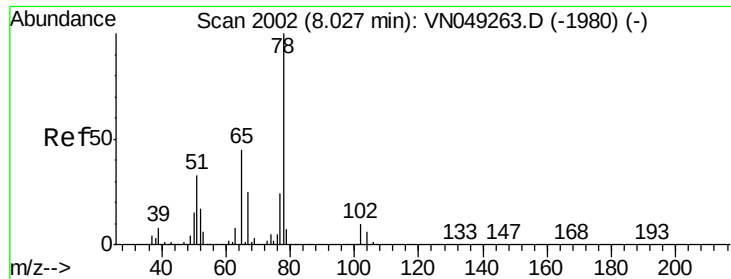
Tot Ion: 43 Resp: 203434
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.39 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049590.D
Acq: 28 Jun 2018 15:25

Tgt Ion: 84 Resp: 21188
Ion Ratio Lower Upper
84 100
49 88.6 106.9 160.3#
51 33.8 32.7 49.1
86 56.2 49.8 74.8

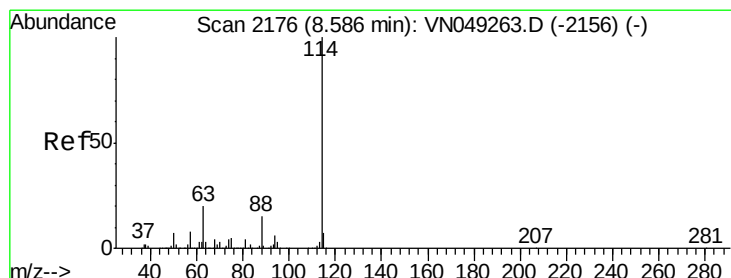
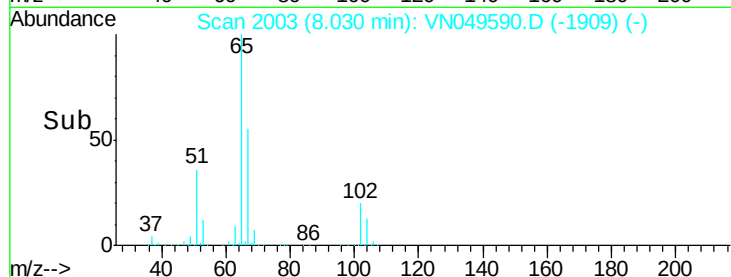
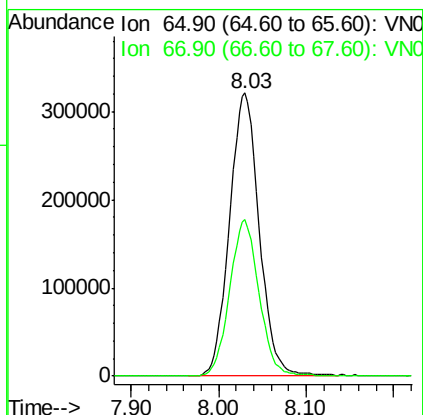
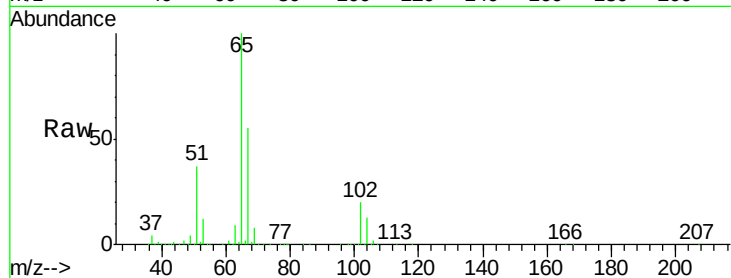




#33
 1,2-Dichloroethane-d4
 Concen: 50.33 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049590.D
 Acq: 28 Jun 2018 15:25

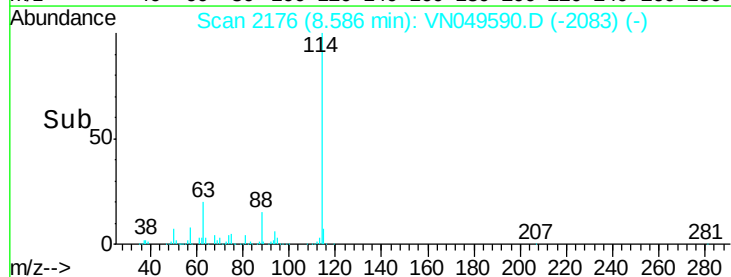
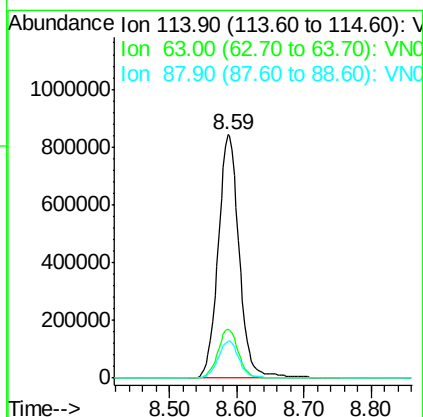
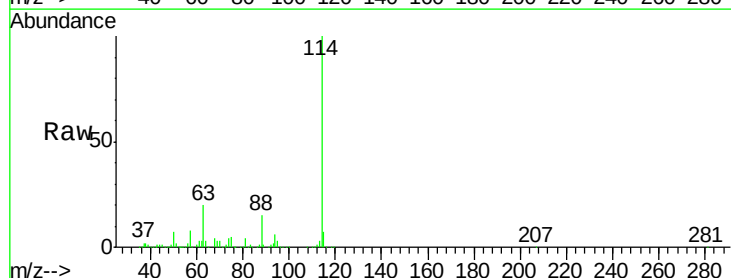
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#13

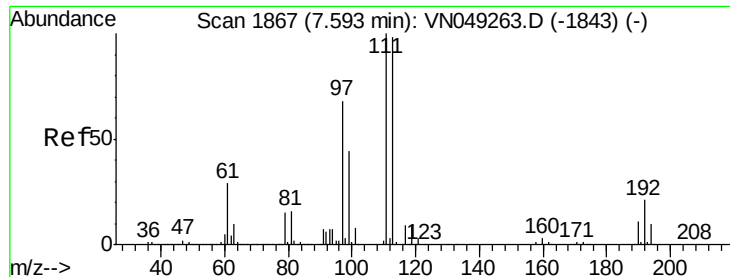
Tot Ion: 65 Resp: 756696
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049590.D
 Acq: 28 Jun 2018 15:25

Tgt Ion: 114 Resp: 1835432
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 41.82 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#13

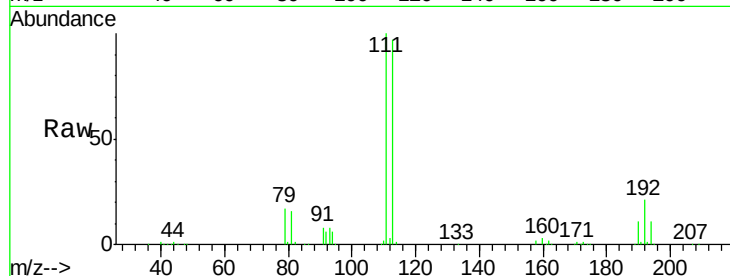
Tot Ion:113 Resp: 620951

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

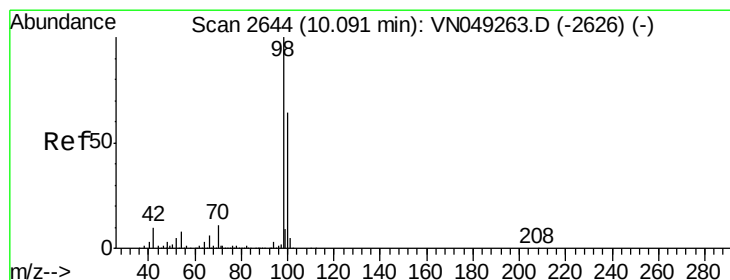
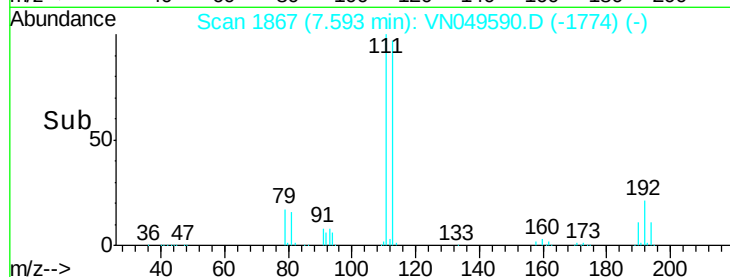
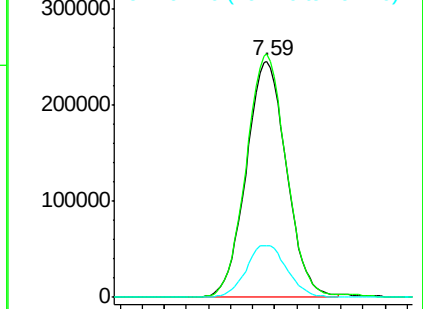
192 22.5 15.0 22.6



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: 43.06 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049590.D

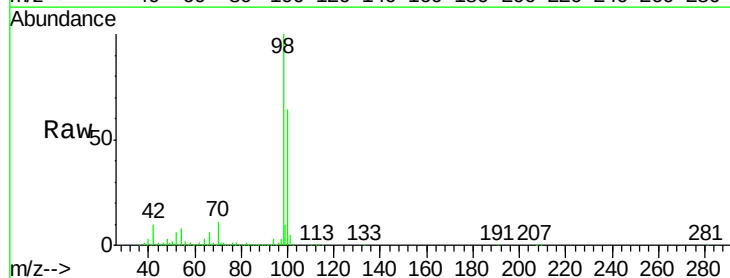
Acq: 28 Jun 2018 15:25

Tgt Ion: 98 Resp: 2434545

Ion Ratio Lower Upper

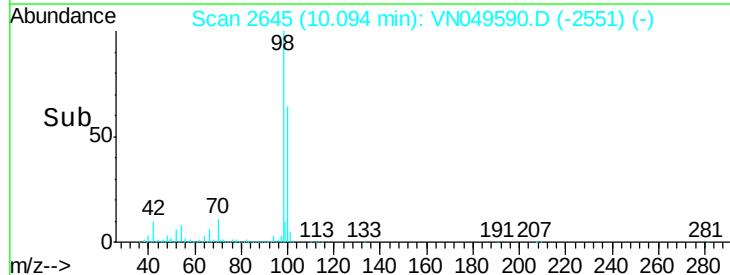
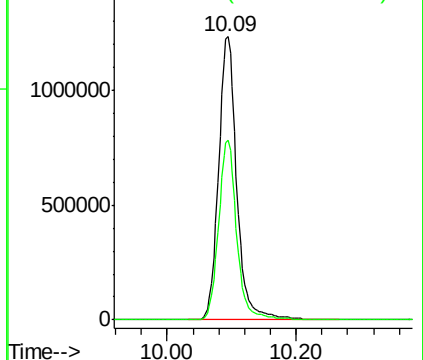
98 100

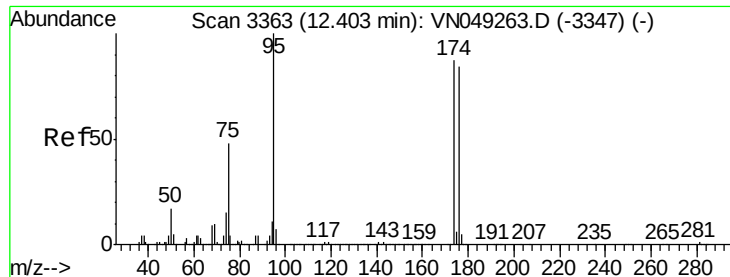
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 35.81 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#13

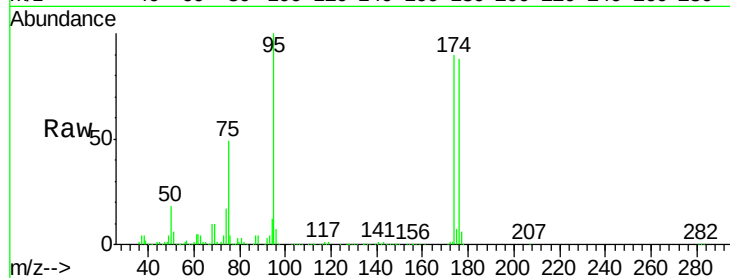
Tot Ion: 95 Resp: 669500

Ion Ratio Lower Upper

95 100

174 91.3 0.0 165.6

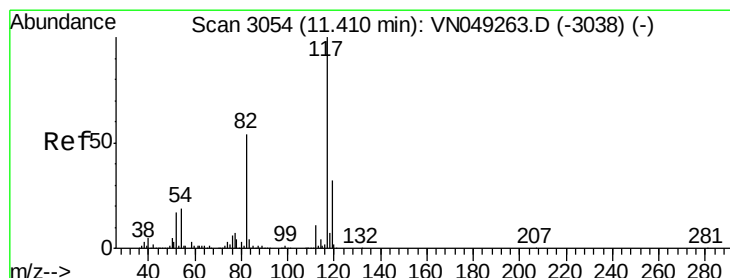
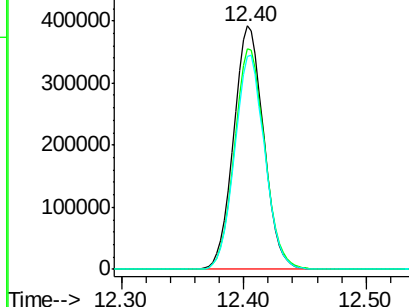
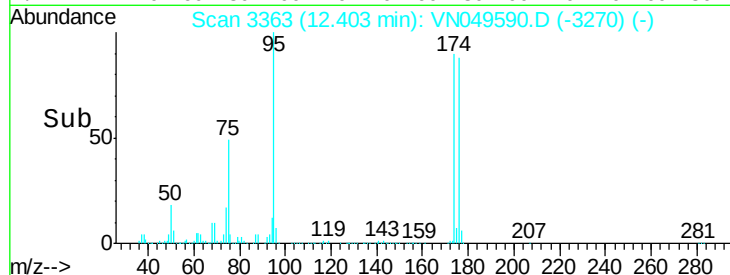
176 87.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049590.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049590.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049590.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049590.D

Acq: 28 Jun 2018 15:25

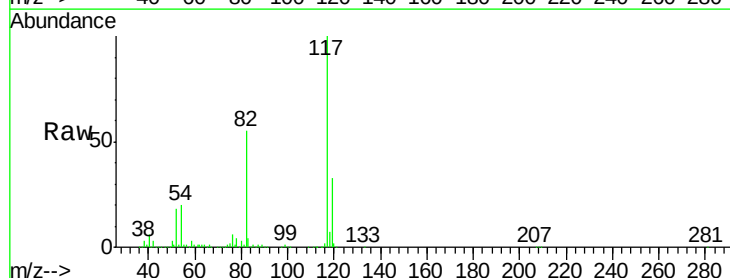
Tgt Ion: 117 Resp: 1464211

Ion Ratio Lower Upper

117 100

82 54.7 45.9 68.9

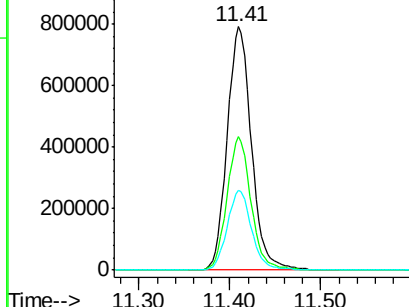
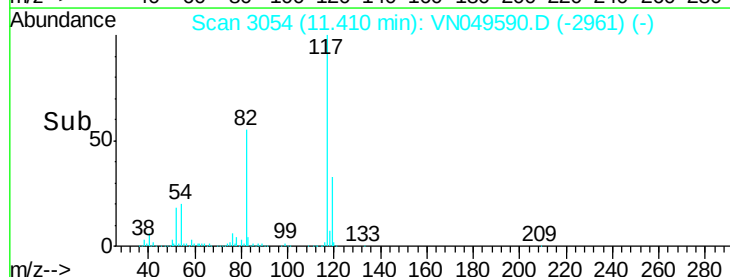
119 33.0 25.5 38.3

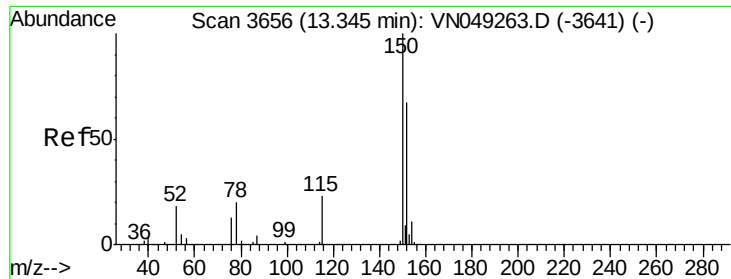


Abundance Ion 116.90 (116.60 to 117.60): VN049590.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049590.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049590.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049590.D

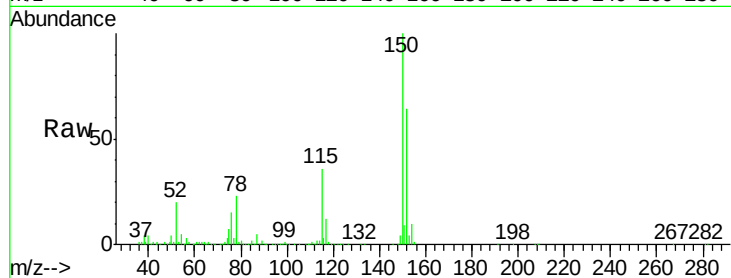
Acq: 28 Jun 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#13



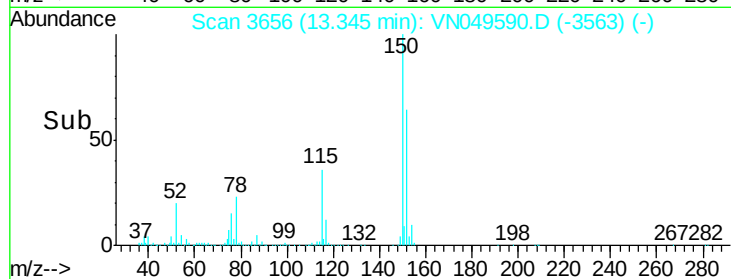
Tot Ion:152 Resp: 540959

Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.1

150 157.9 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

