

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049288.D
 Acq On : 16 Jun 2018 4:43
 Operator : MD\SY
 Sample : PB110255ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#14

Quant Time: Jun 18 01:22:19 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	1333580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2074138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1679634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	415994	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	854361	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
35) Dibromofluoromethane	7.59	113	760585	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
50) Toluene-d8	10.09	98	2897120	45.34	ug/l	0.00
Spiked Amount			Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.41	95	649356	30.74	ug/l	0.00
Spiked Amount			Recovery	=	61.48%	

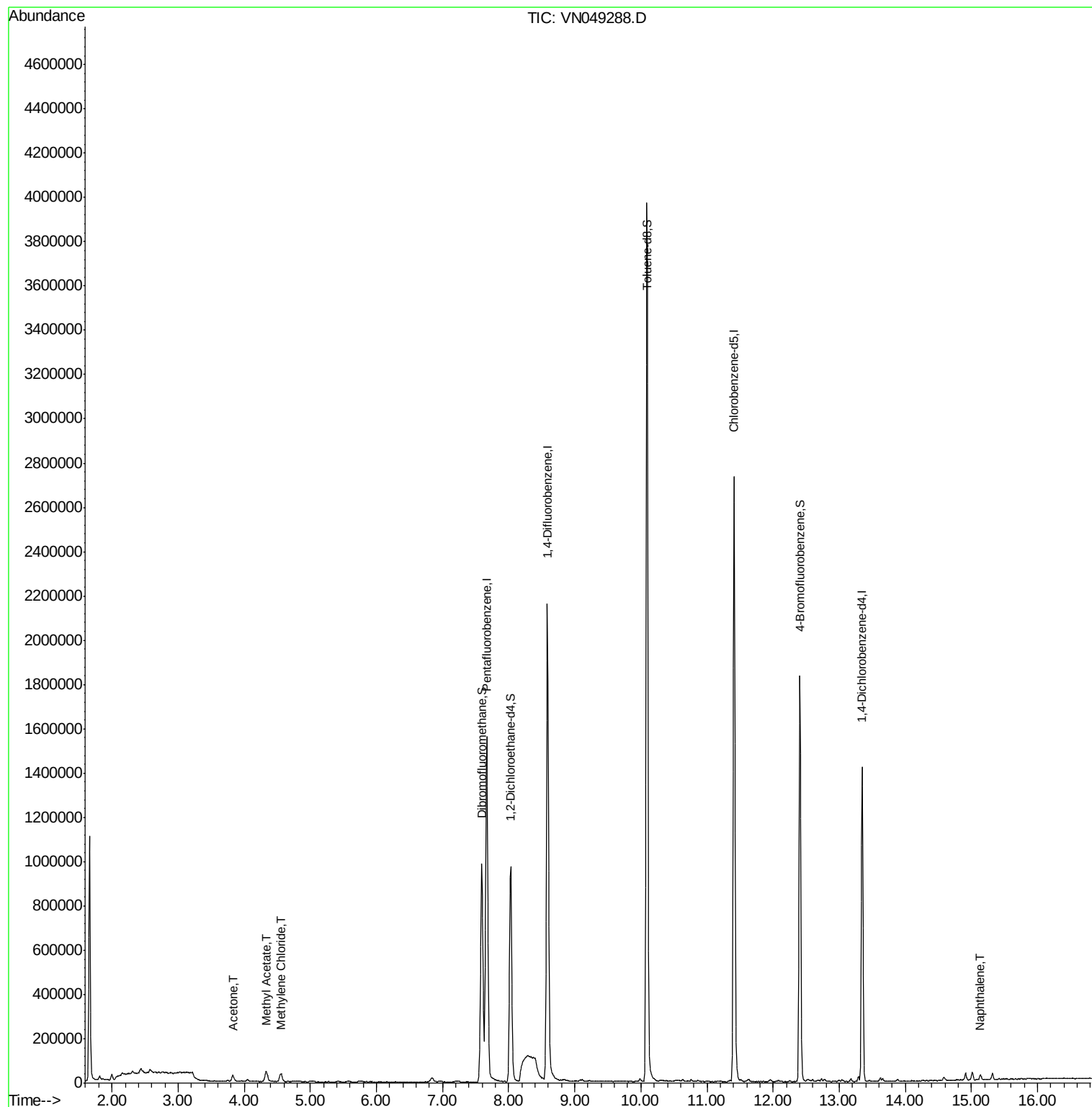
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	43334	10.09	ug/l	98
18) Methyl Acetate	4.33	43	89441	6.83	ug/l	95
20) Methylene Chloride	4.56	84	27727	1.55	ug/l	88
95) Naphthalene	15.14	128	16425	3.50	ug/l #	86

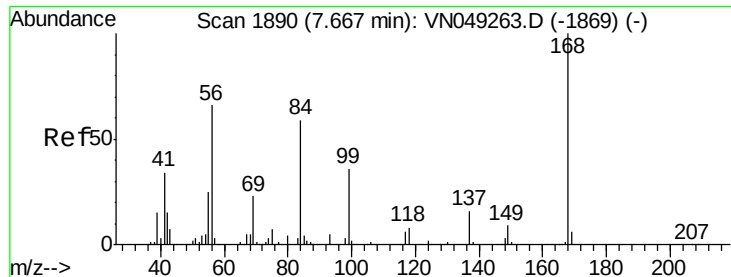
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049288.D

Acq: 16 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

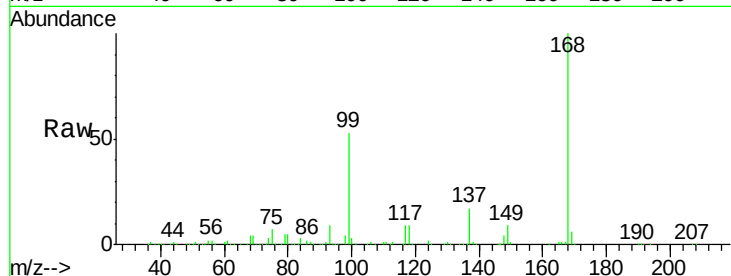
PB110255ZHE#14

Tot Ion:168 Resp: 1333580

Ion Ratio Lower Upper

168 100

99 52.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

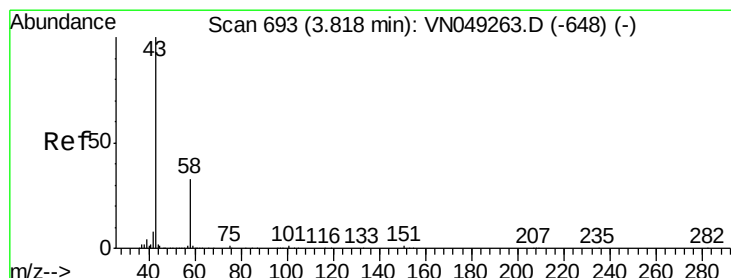
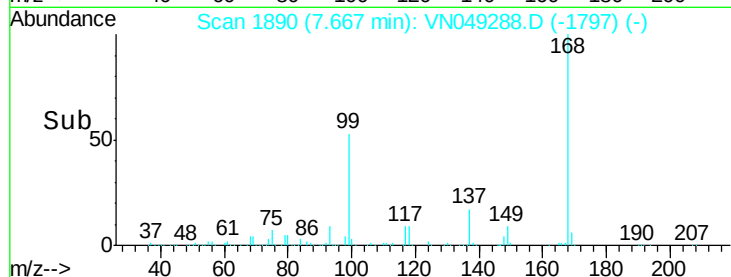
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 10.09 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049288.D

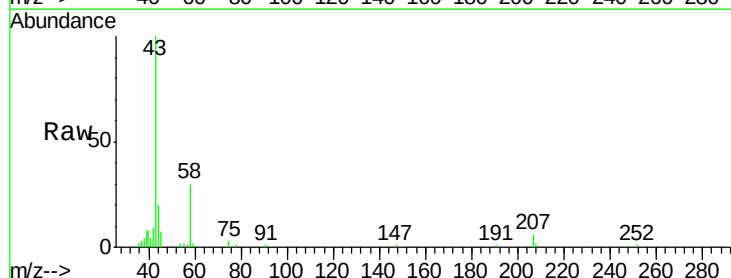
Acq: 16 Jun 2018 4:43

Tgt Ion: 43 Resp: 43334

Ion Ratio Lower Upper

43 100

58 29.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

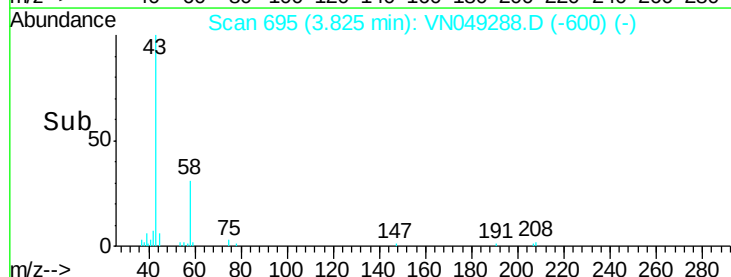
15000

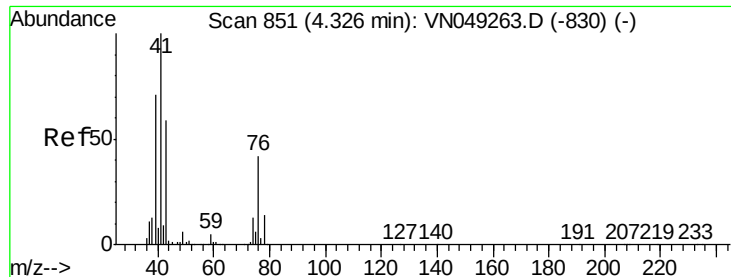
10000

5000

0

Time-->

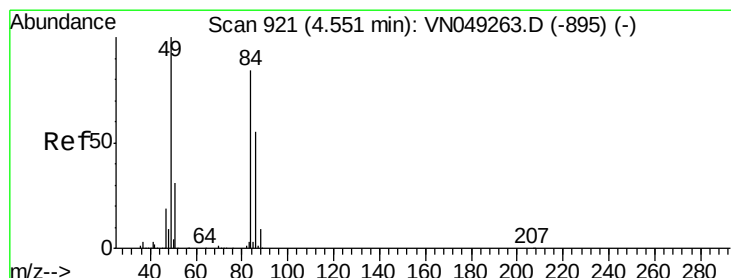
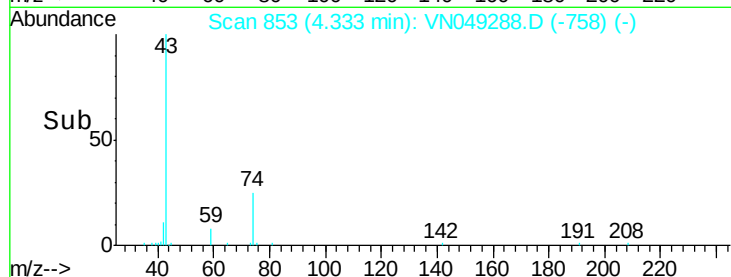
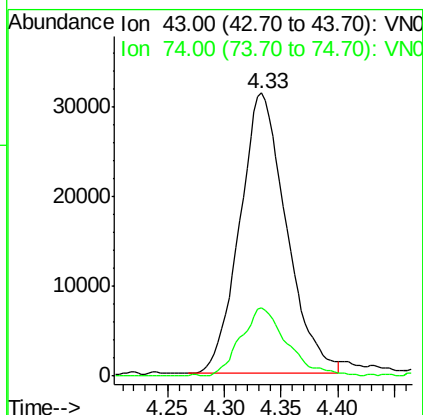
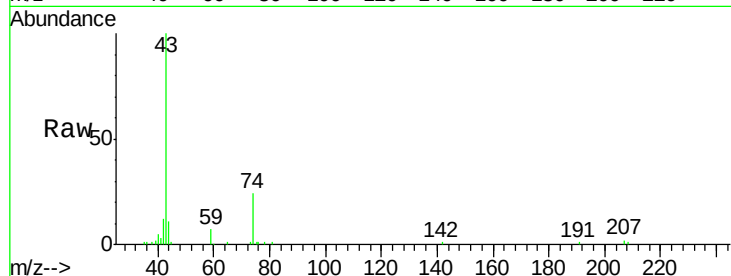




#18
Methvl Acetate
Concen: 6.83 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049288.D
Acq: 16 Jun 2018 4:43

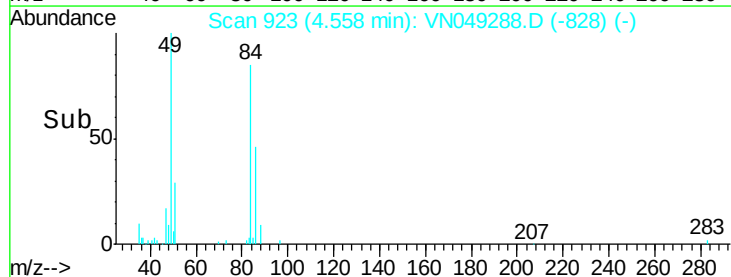
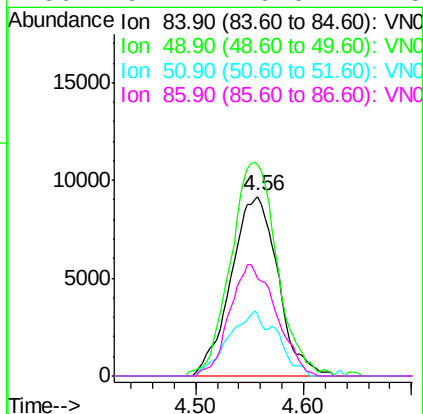
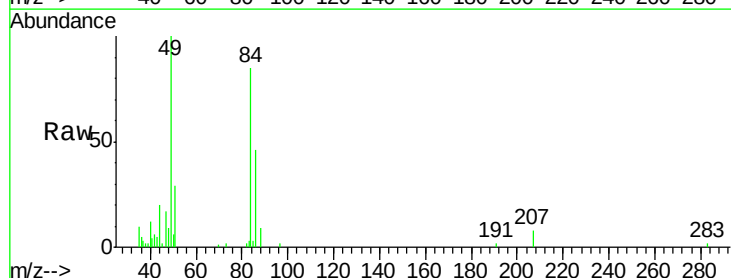
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#14

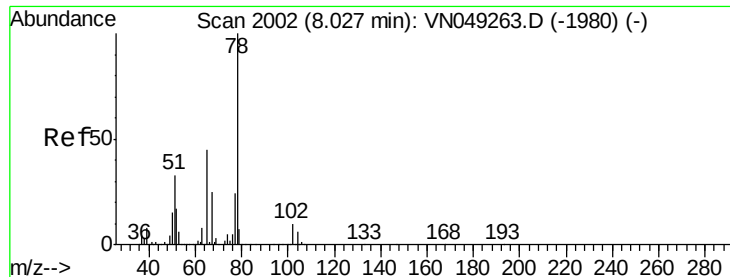
Tot Ion: 43 Resp: 89441
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 1.55 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN049288.D
Acq: 16 Jun 2018 4:43

Tgt Ion: 84 Resp: 27727
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 34.4 32.7 49.1
86 54.2 49.8 74.8

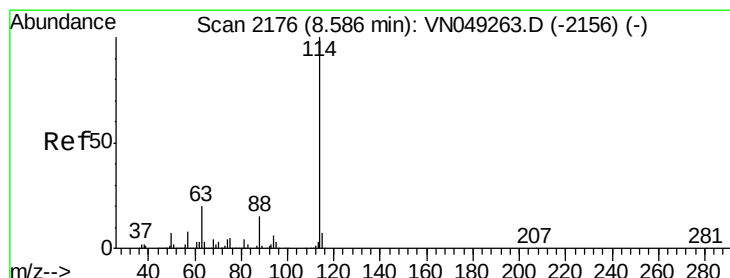
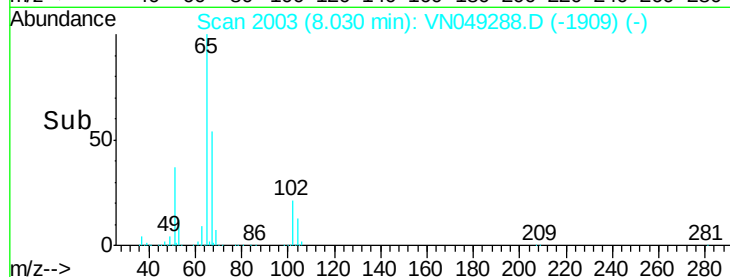
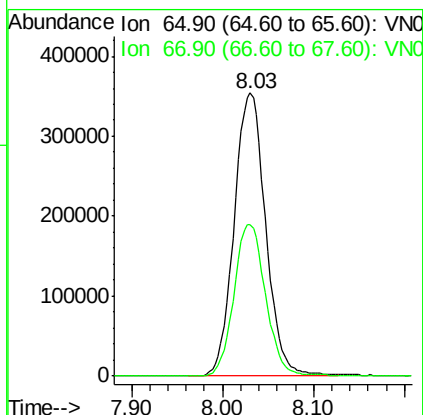
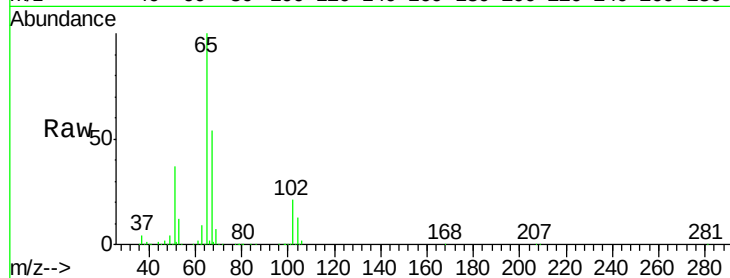




#33
 1,2-Dichloroethane-d4
 Concen: 48.30 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049288.D
 Acq: 16 Jun 2018 4:43

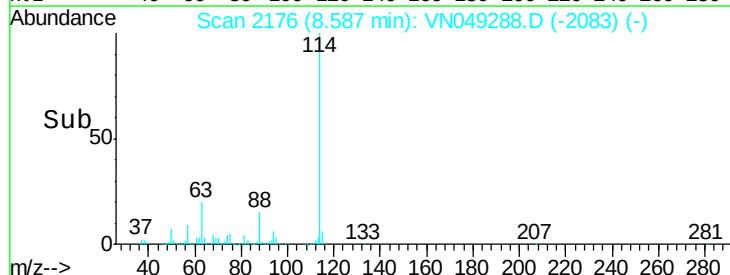
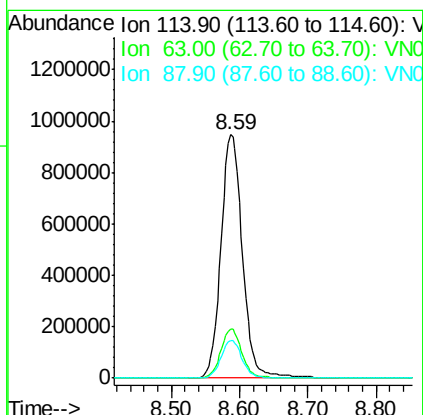
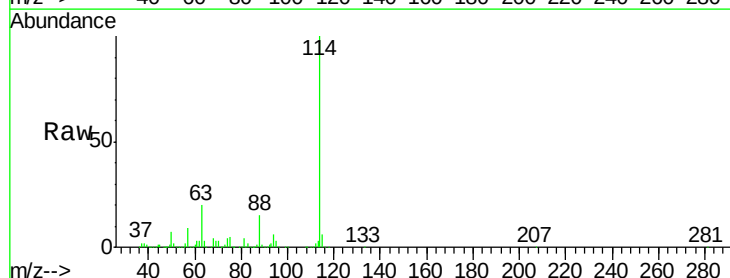
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#14

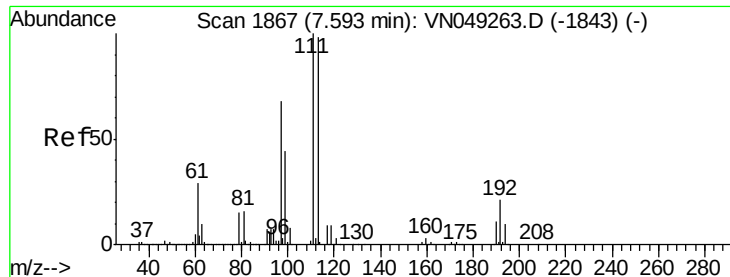
Tot Ion: 65 Resp: 854361
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049288.D
 Acq: 16 Jun 2018 4:43

Tgt Ion: 114 Resp: 2074138
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 44.4
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.33 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049288.D

Acq: 16 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#14

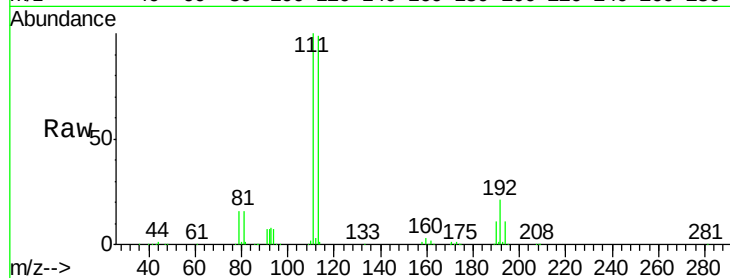
Tot Ion:113 Resp: 760585

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

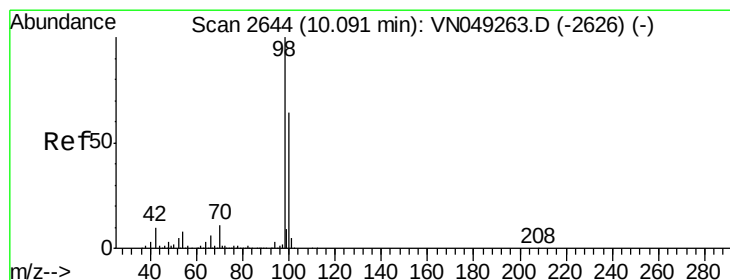
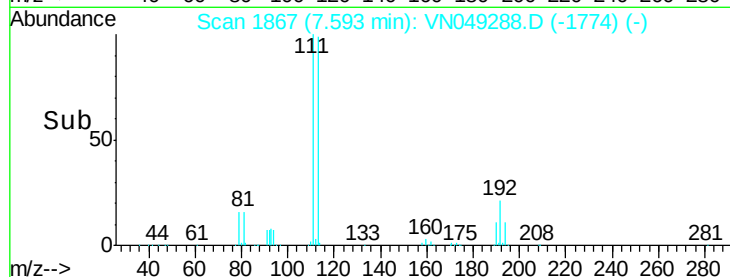
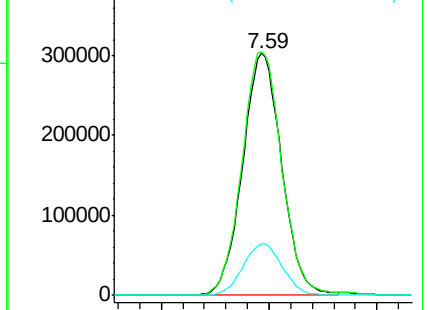
192 21.6 15.0 22.6



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: 45.34 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049288.D

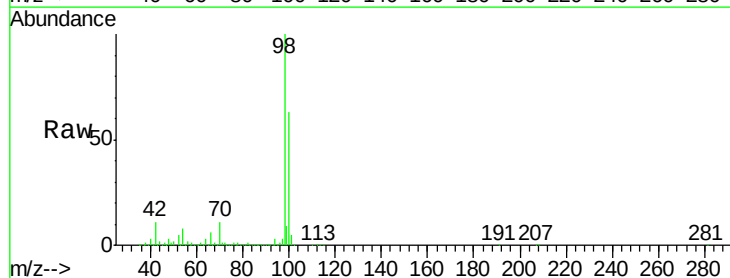
Acq: 16 Jun 2018 4:43

Tgt Ion: 98 Resp: 2897120

Ion Ratio Lower Upper

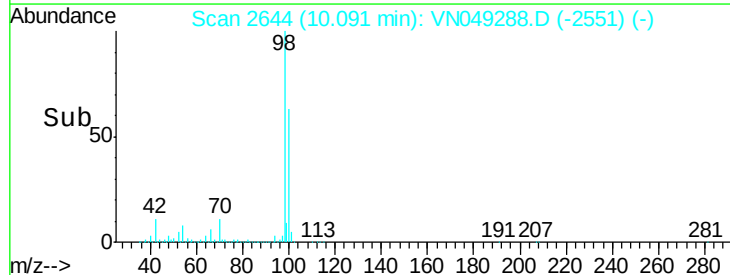
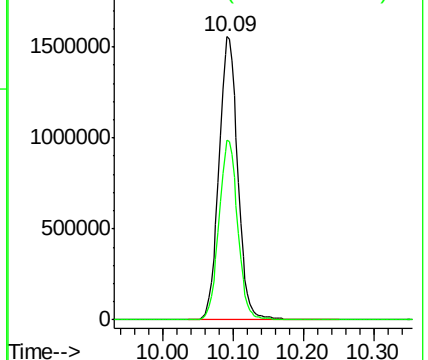
98 100

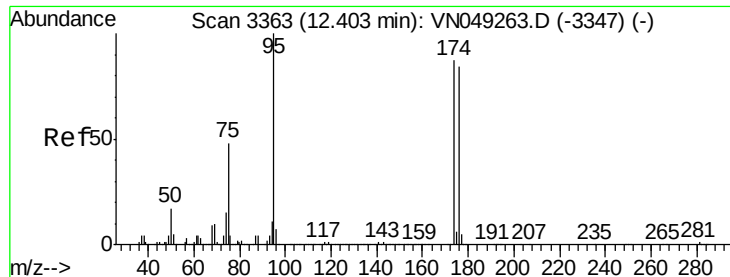
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 30.74 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049288.D

Acq: 16 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#14

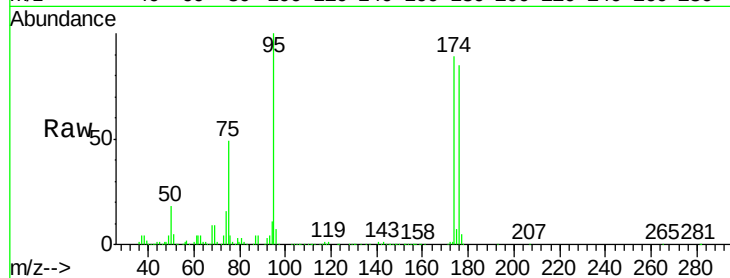
Tot Ion: 95 Resp: 649356

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

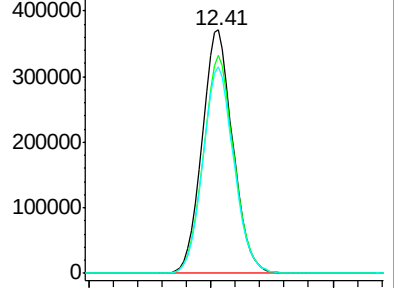
176 85.3 0.0 157.4



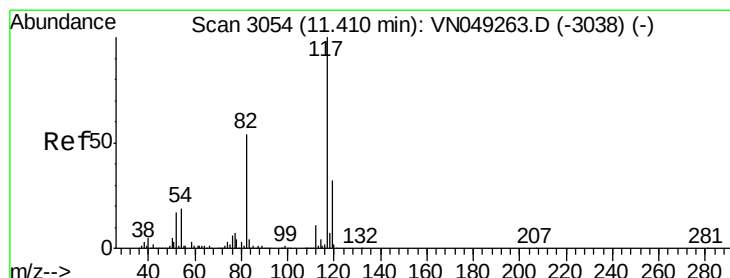
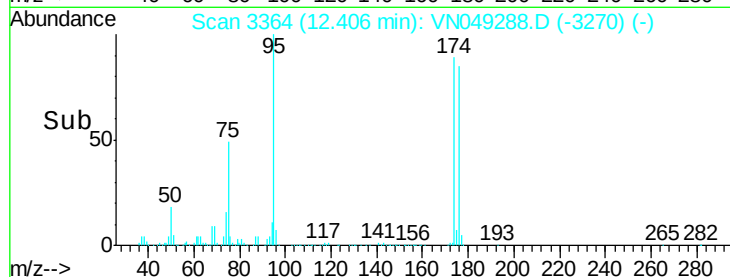
Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)



Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049288.D

Acq: 16 Jun 2018 4:43

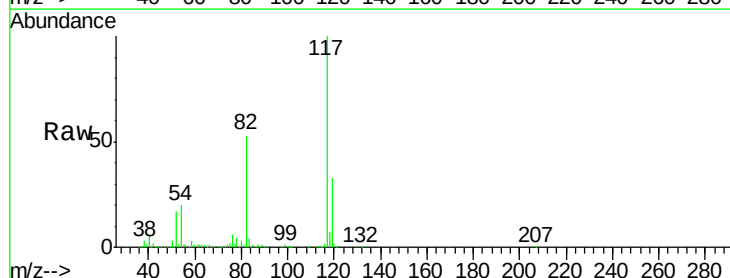
Tgt Ion: 117 Resp: 1679634

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

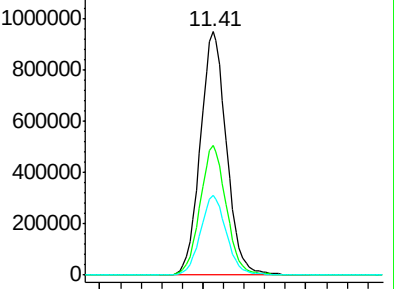
119 32.5 25.5 38.3



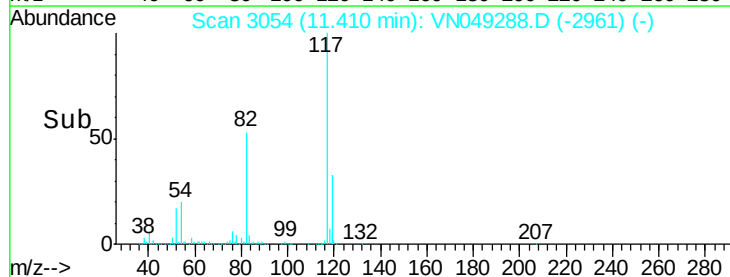
Abundance Ion 116.90 (116.60 to 117.60): VN049263.D (-3038) (-)

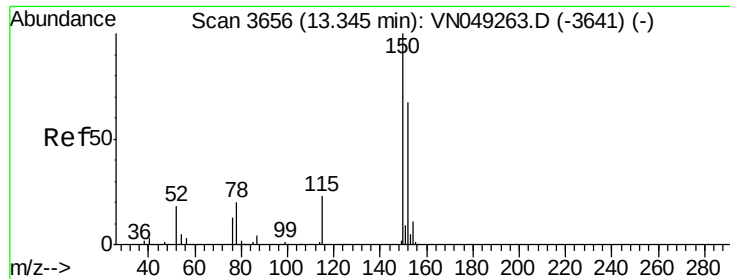
Ion 82.00 (81.70 to 82.70): VN049263.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049263.D (-3038) (-)



Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049288.D

Acq: 16 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#14

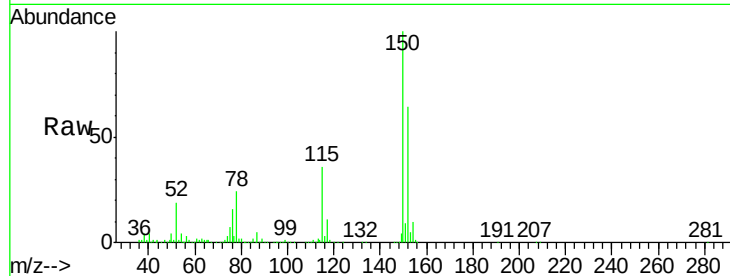
Tot Ion:152 Resp: 415994

Ion Ratio Lower Upper

152 100

115 57.0 28.7 86.1

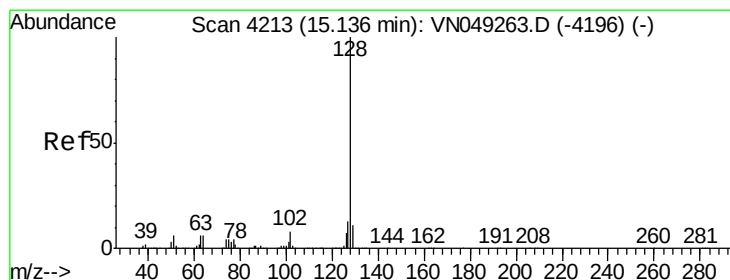
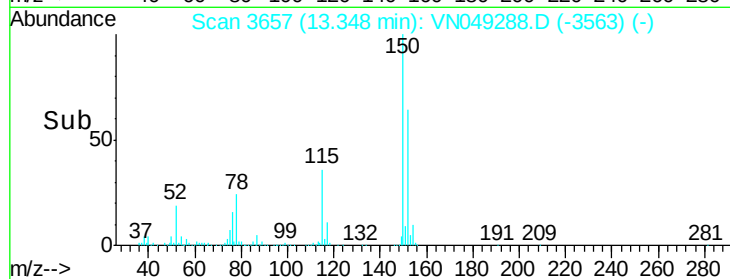
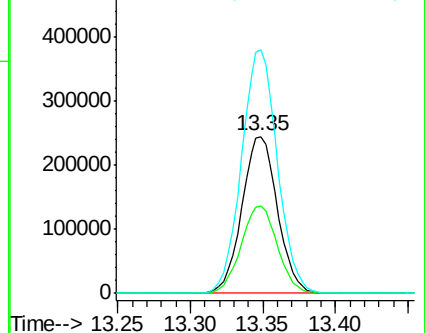
150 156.1 0.0 351.0



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



#95

Naphthalene

Concen: 3.50 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049288.D

Acq: 16 Jun 2018 4:43

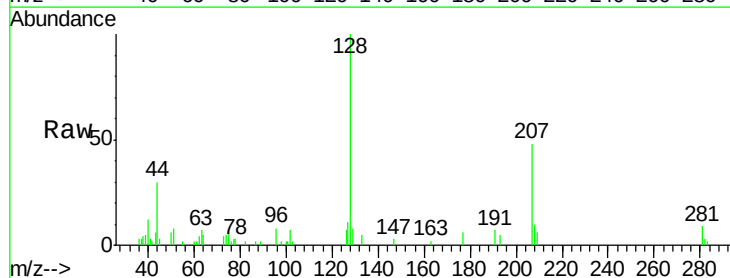
Tgt Ion:128 Resp: 16425

Ion Ratio Lower Upper

128 100

127 7.5 10.6 16.0#

129 5.5 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

