

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049501.D
 Acq On : 22 Jun 2018 19:24
 Operator : MD\SY
 Sample : PB116445ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445ZHE#14

Quant Time: Jun 22 23:25:17 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	1213948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1917328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1620143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413098	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	827215	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	7.59	113	727884	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	
50) Toluene-d8	10.09	98	2668037	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
62) 4-Bromofluorobenzene	12.41	95	648216	33.19	ug/l	0.00
Spiked Amount			Recovery	=	66.38%	

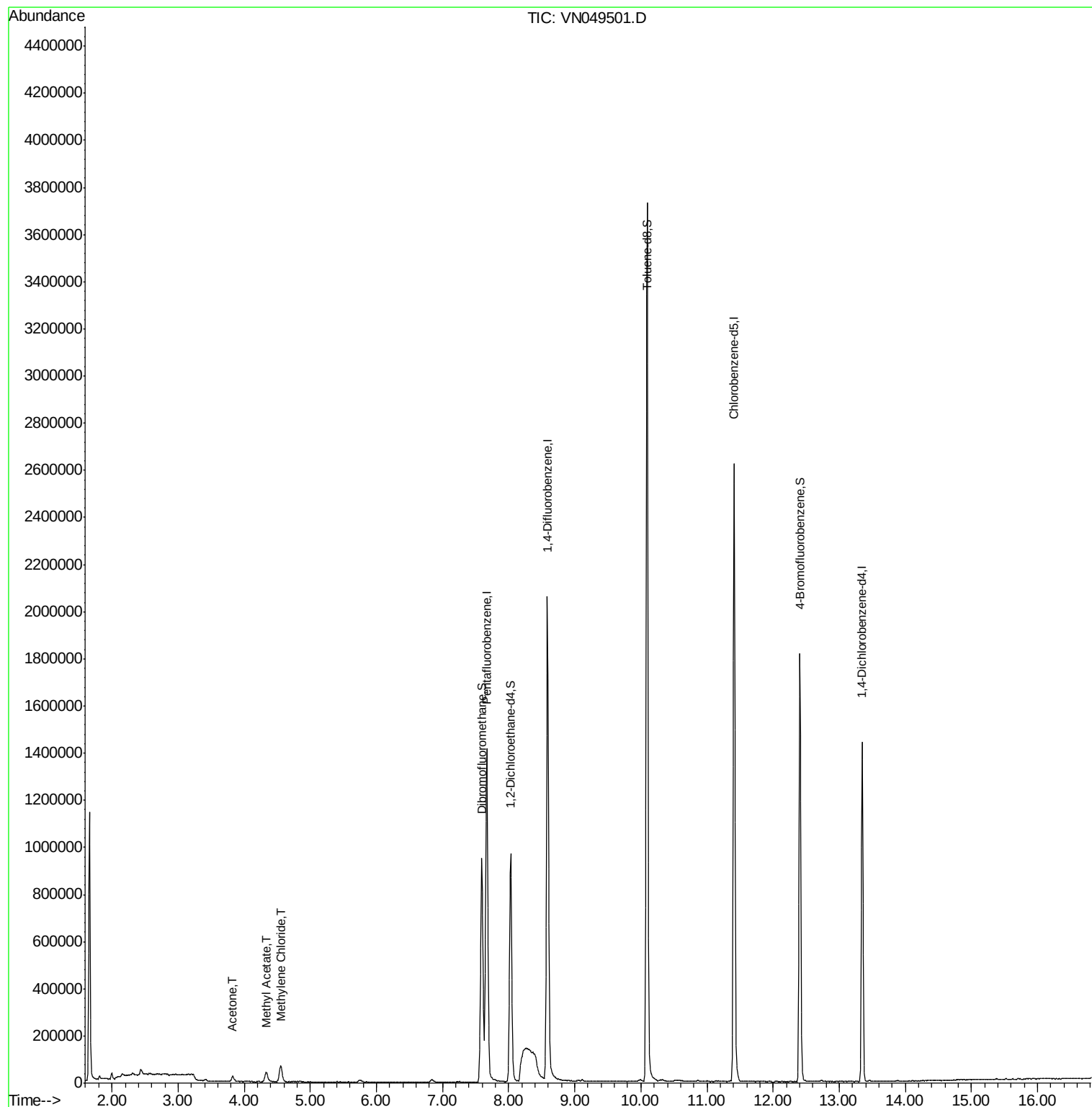
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34208	8.75	ug/l	# 86
18) Methyl Acetate	4.33	43	82502	6.92	ug/l	92
20) Methylene Chloride	4.55	84	51750	3.17	ug/l	89

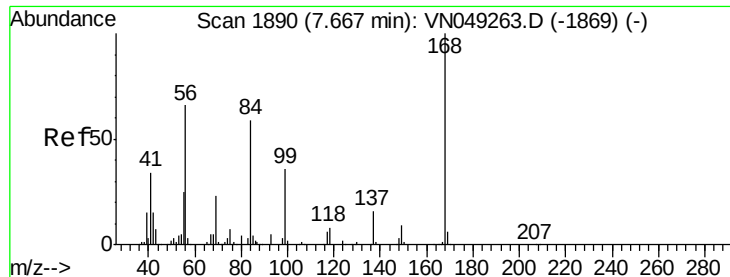
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062218\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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Acq: 22 Jun 2018 19:24

Instrument :

MSVOA_N

ClientSampleId :

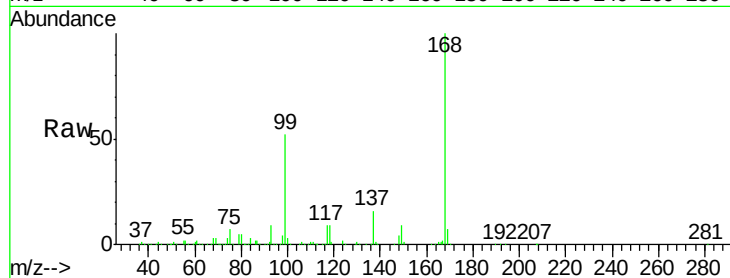
PB116445ZHE#14

Tot Ion:168 Resp: 1213948

Ion Ratio Lower Upper

168 100

99 51.8 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

500000

400000

300000

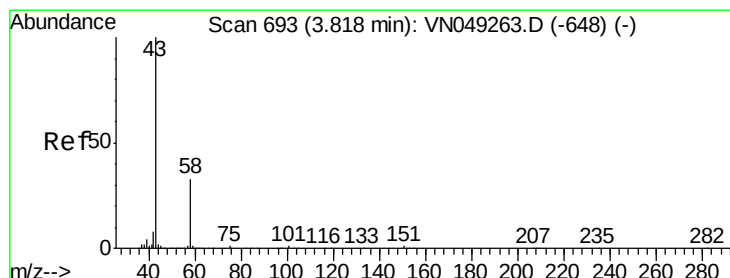
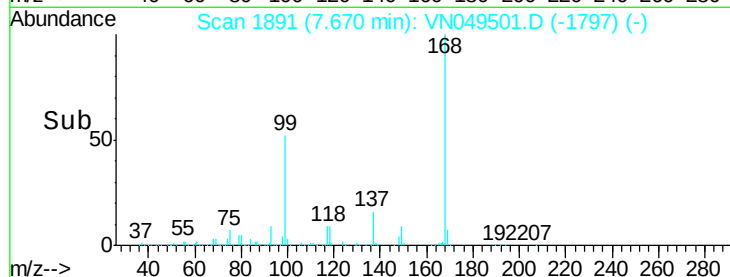
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 8.75 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049501.D

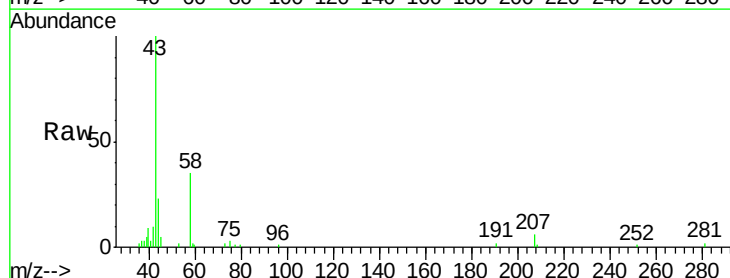
Acq: 22 Jun 2018 19:24

Tgt Ion: 43 Resp: 34208

Ion Ratio Lower Upper

43 100

58 35.2 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

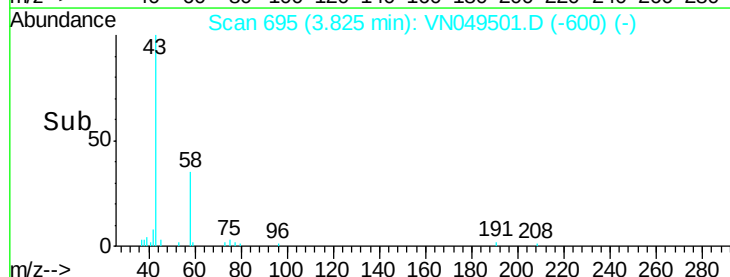
10000

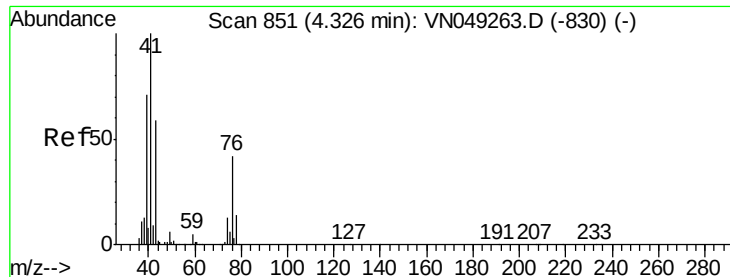
5000

0

Time-->

3.75 3.80 3.85 3.90

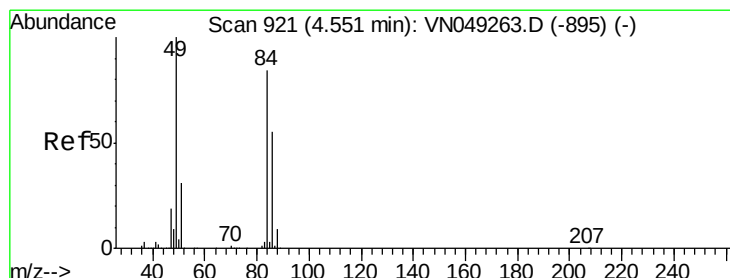
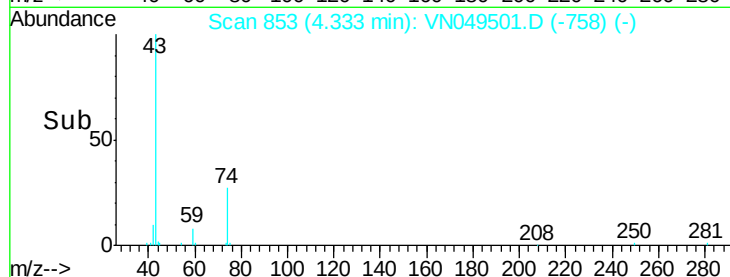
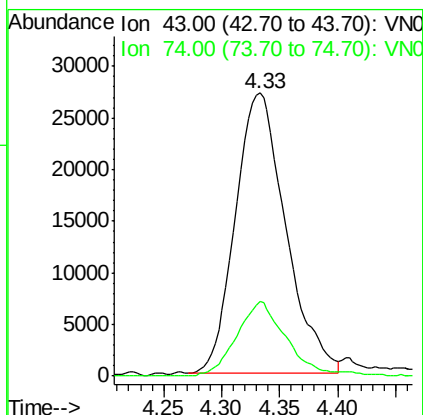
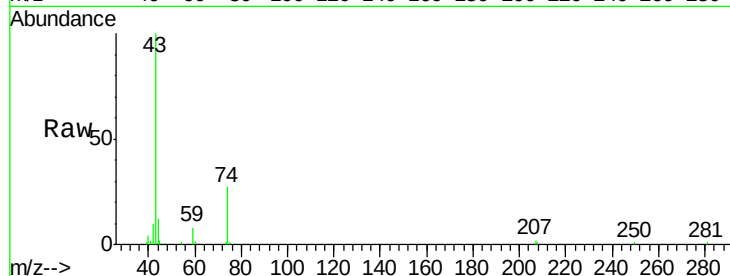




#18
Methvl Acetate
Concen: 6.92 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049501.D
Acq: 22 Jun 2018 19:24

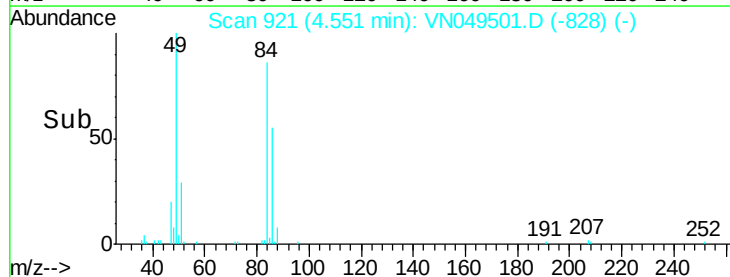
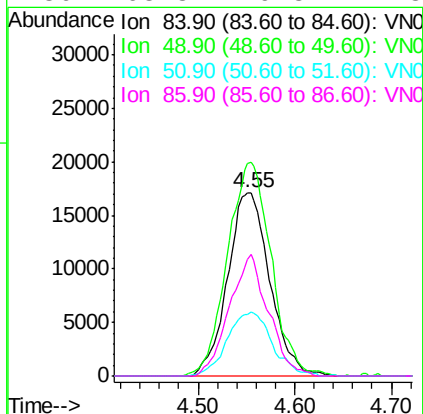
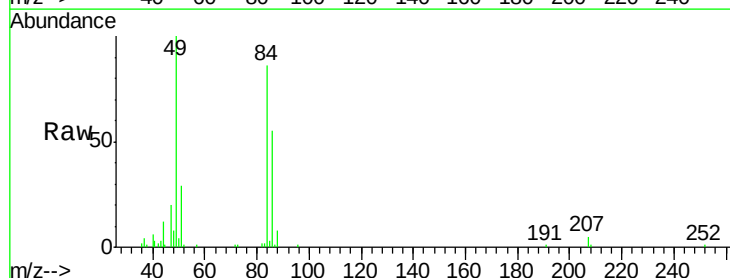
Instrument :
MSVOA_N
ClientSampleId :
PB116445ZHE#14

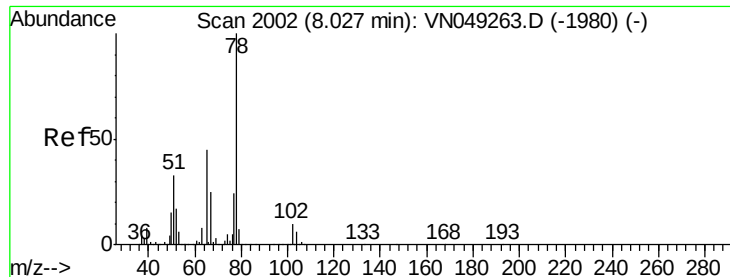
Tot Ion: 43 Resp: 82502
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0



#20
Methylene Chloride
Concen: 3.17 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049501.D
Acq: 22 Jun 2018 19:24

Tgt Ion: 84 Resp: 51750
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 33.6 32.7 49.1
86 63.8 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA_N

ClientSampleId :

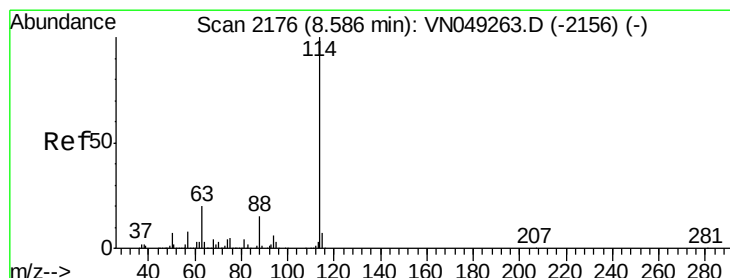
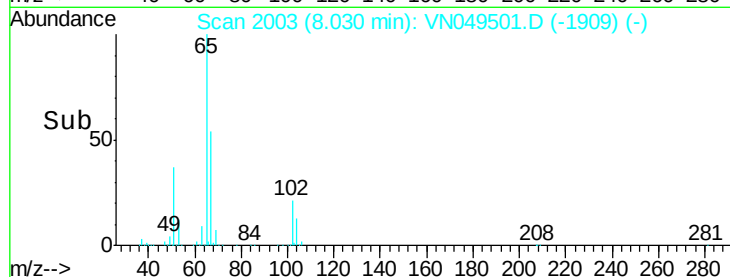
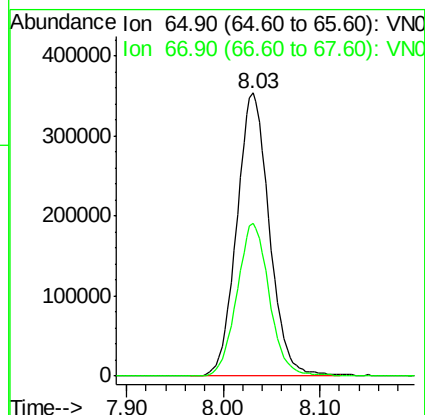
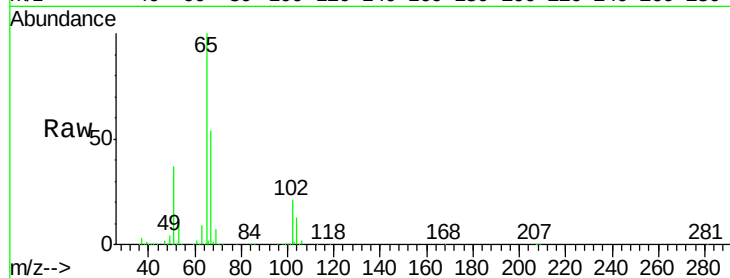
PB116445ZHE#14

Tot Ion: 65 Resp: 827215

Ion Ratio Lower Upper

65 100

67 54.0 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: VN049501.D

Acq: 22 Jun 2018 19:24

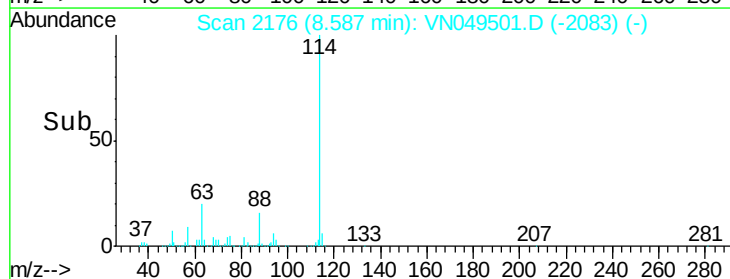
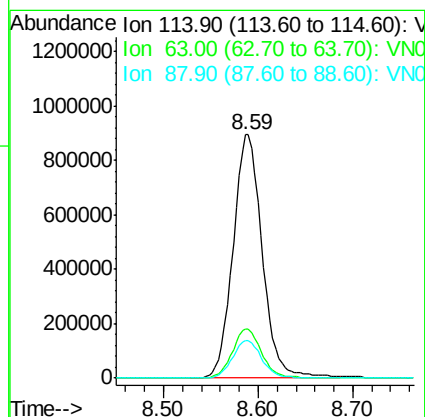
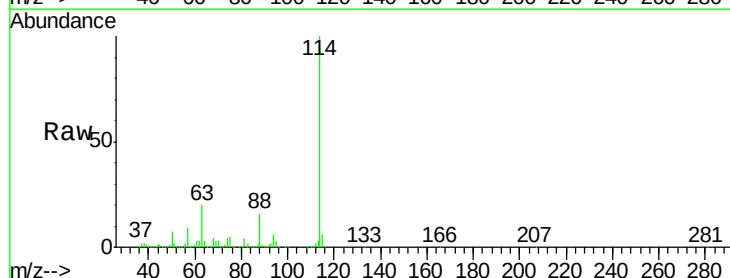
Tgt Ion: 114 Resp: 1917328

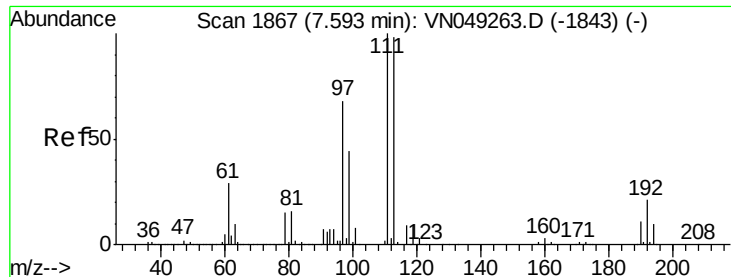
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.4

88 15.5 0.0 31.4

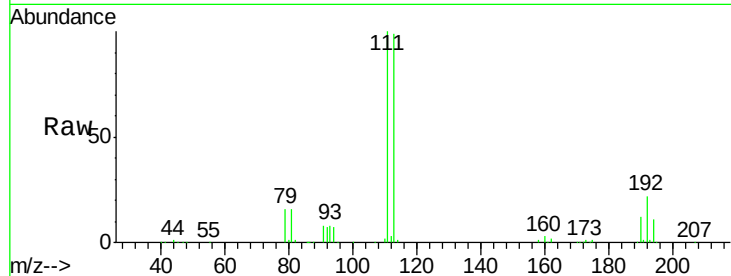




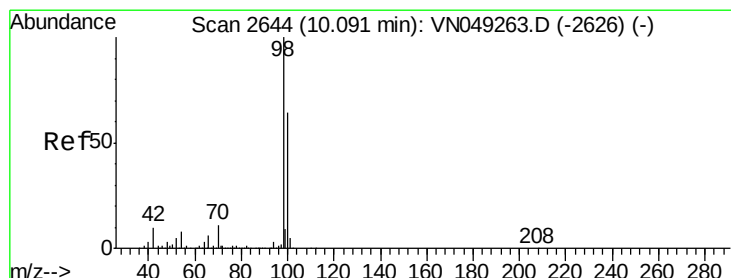
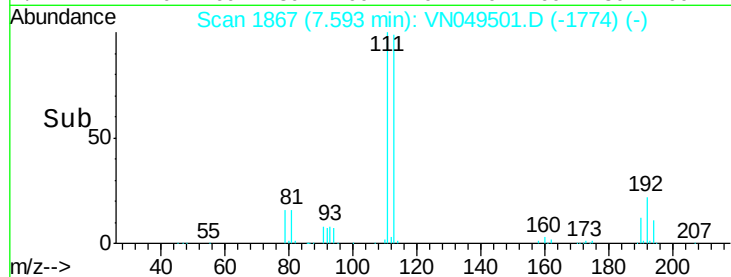
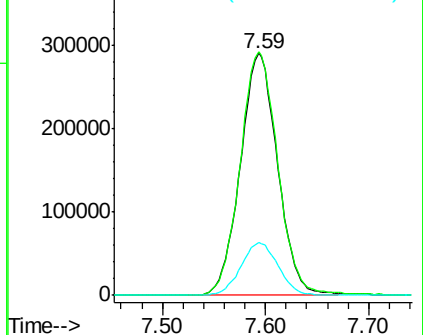
#35
 Dibromofluoromethane
 Concen: 46.92 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049501.D
 Acq: 22 Jun 2018 19:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116445ZHE#14

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	21.9	15.0	22.6

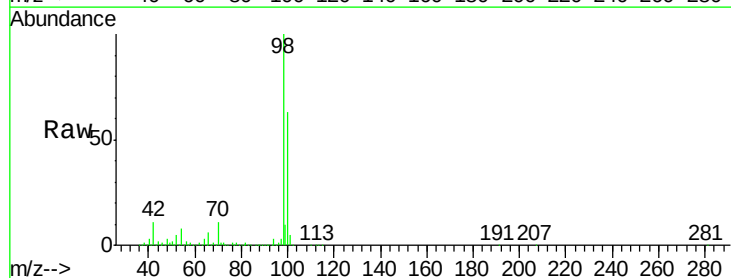


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

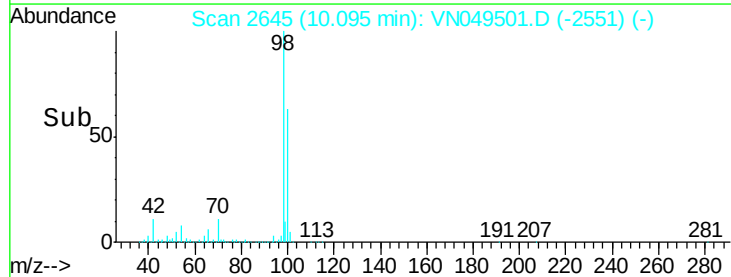
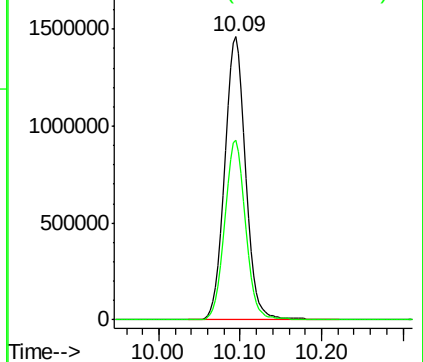


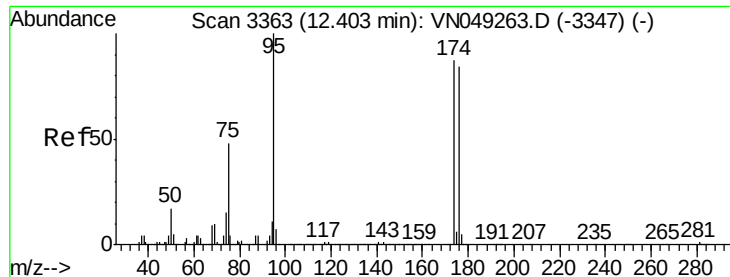
#50
 Toluene-d8
 Concen: 45.17 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049501.D
 Acq: 22 Jun 2018 19:24

Tgt 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: 33.19 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA_N

ClientSampleId :

PB116445ZHE#14

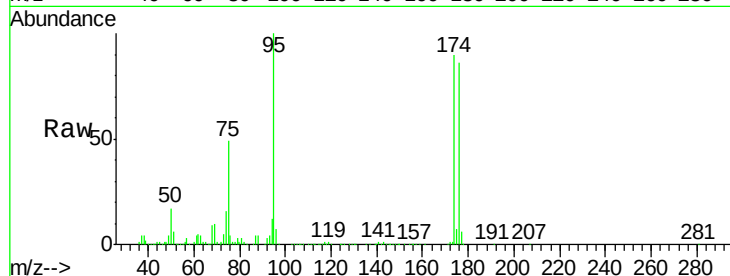
Tot Ion: 95 Resp: 648216

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 85.0 0.0 157.4



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

500000

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

400000

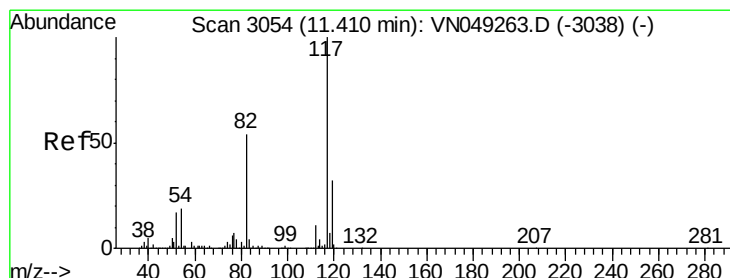
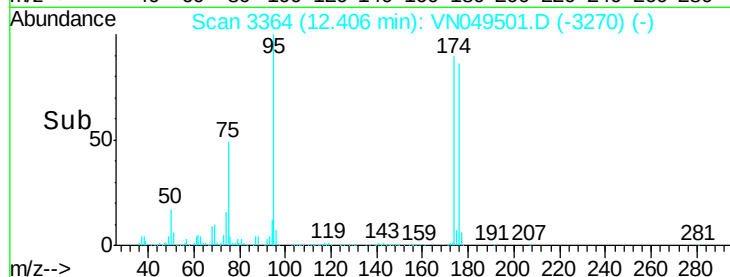
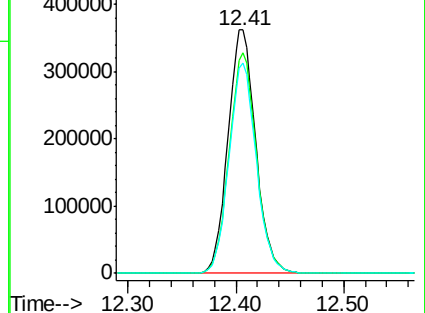
Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

300000

200000

100000

0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

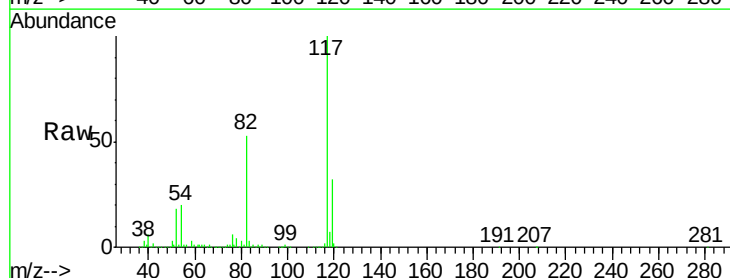
Tgt Ion: 117 Resp: 1620143

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

119 31.8 25.5 38.3



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

1200000

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

1000000

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

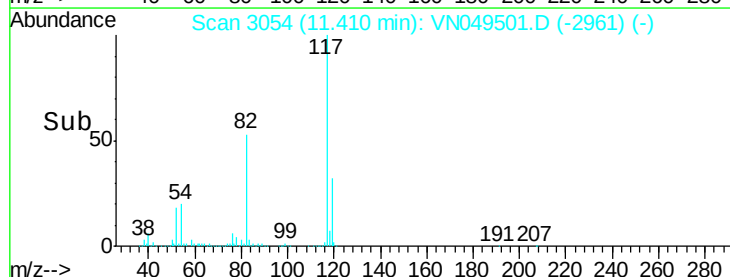
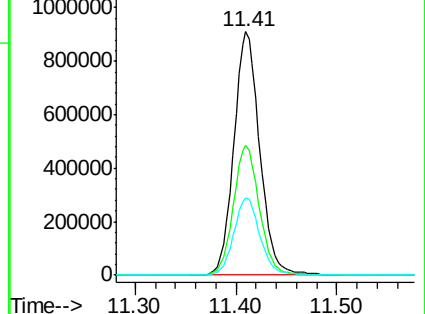
800000

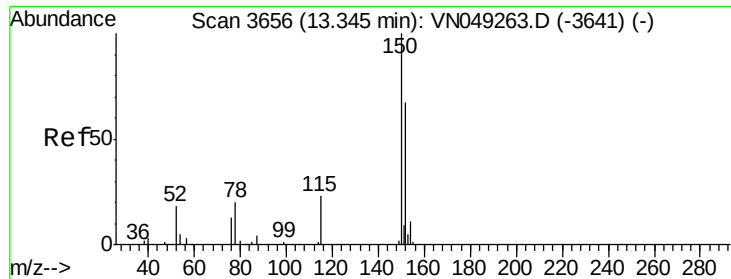
600000

400000

200000

0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049501.D

Acq: 22 Jun 2018 19:24

Instrument :

MSVOA_N

ClientSampleId :

PB116445ZHE#14

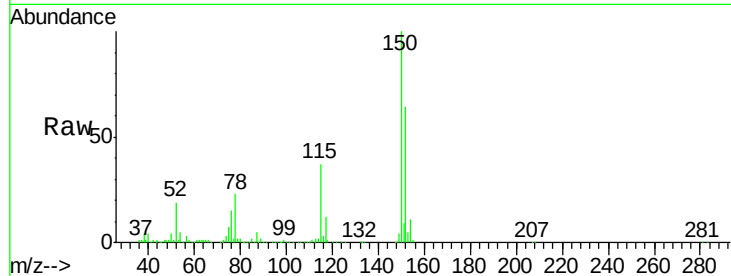
Tot Ion:152 Resp: 413098

Ion Ratio Lower Upper

152 100

115 56.9 28.7 86.1

150 157.6 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

