

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049343.D
 Acq On : 18 Jun 2018 15:12
 Operator : MD\SY
 Sample : PB110313ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313ZHE#08

Quant Time: Jun 19 02:26:23 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

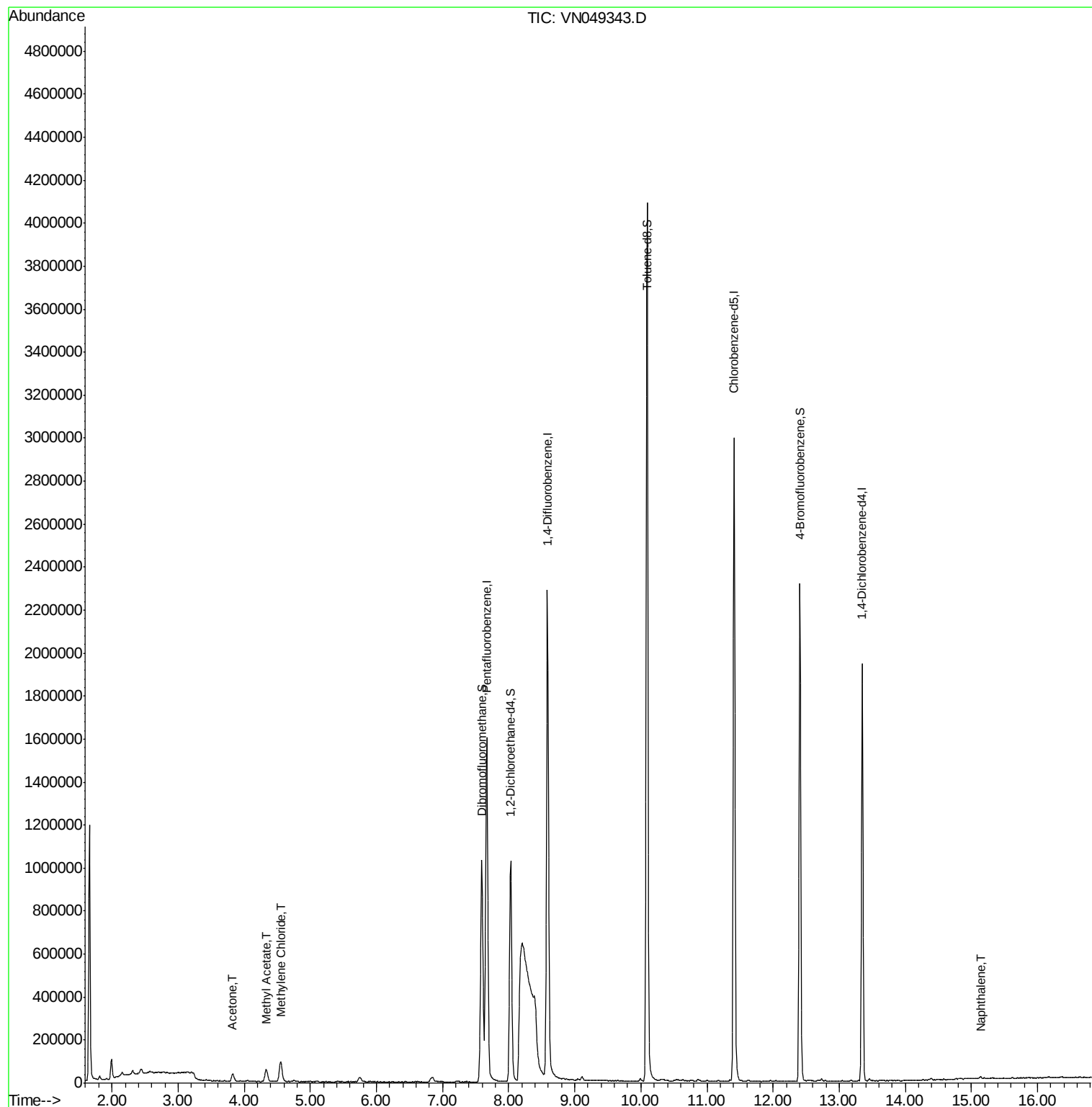
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1394048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2169571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1853801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	559399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	889344	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	7.59	113	798552	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	2999836	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	816787	36.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.92%	
Target Compounds						
16) Acetone	3.82	43	57810	12.877	ug/l	92
18) Methyl Acetate	4.33	43	112095	8.189	ug/l	96
20) Methylene Chloride	4.55	84	69543	3.709	ug/l	90
95) Naphthalene	15.14	128	8038	2.597	ug/l	96

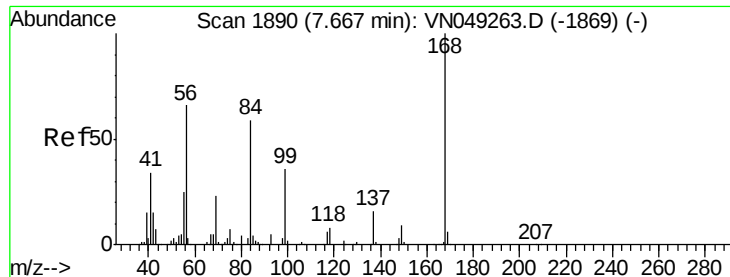
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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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: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049343.D

Acq: 18 Jun 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

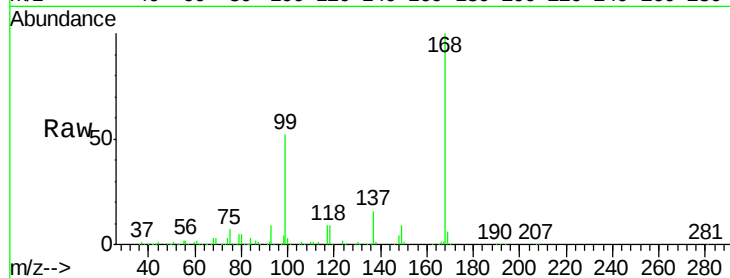
PB110313ZHE#08

Tot Ion:168 Resp: 1394048

Ion Ratio Lower Upper

168 100

99 51.7 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

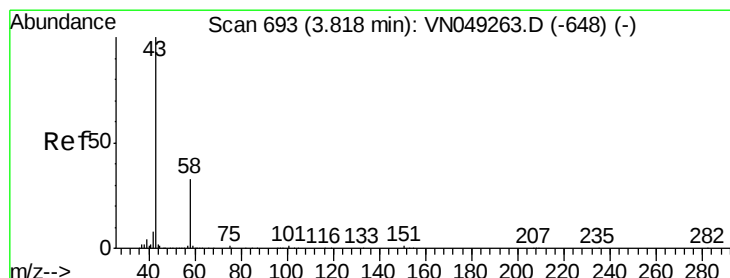
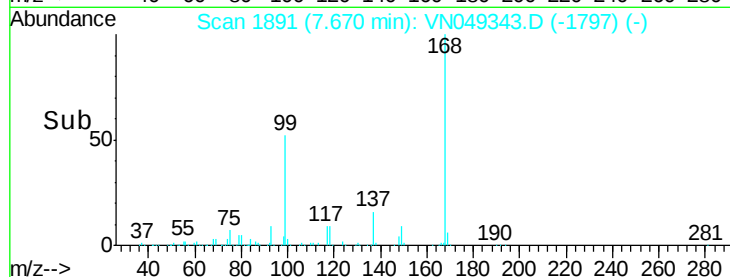
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 12.877 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049343.D

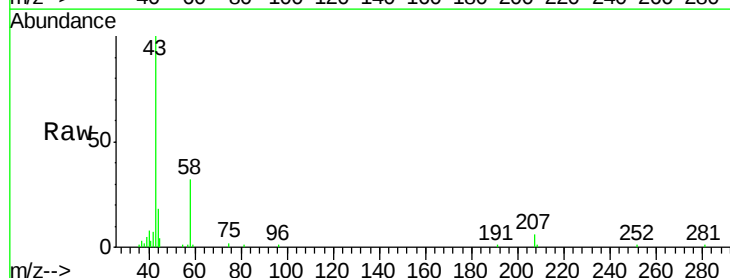
Acq: 18 Jun 2018 15:12

Tgt Ion: 43 Resp: 57810

Ion Ratio Lower Upper

43 100

58 32.2 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

25000

20000

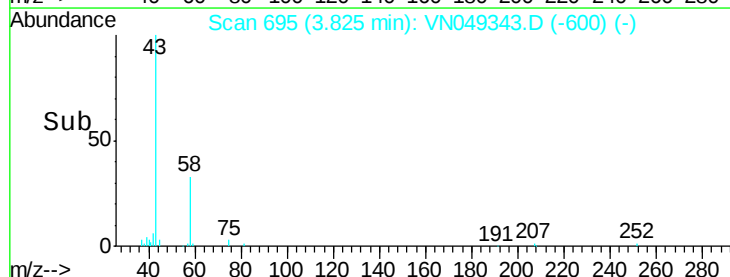
15000

10000

5000

0

Time-->

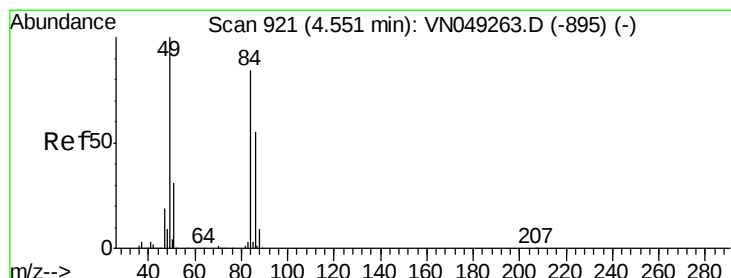
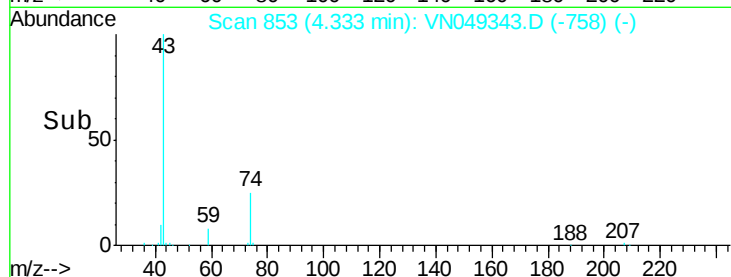
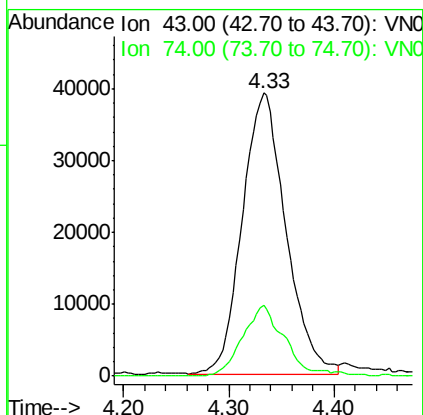
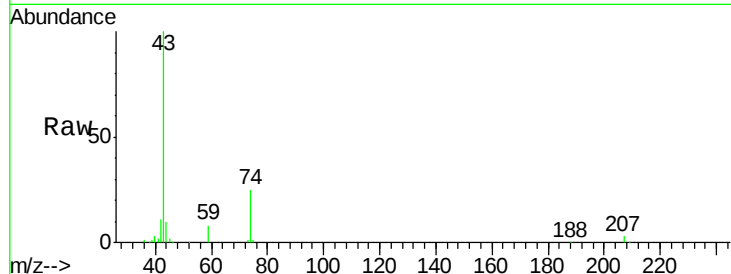




#18
Methvl Acetate
Concen: 8.189 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

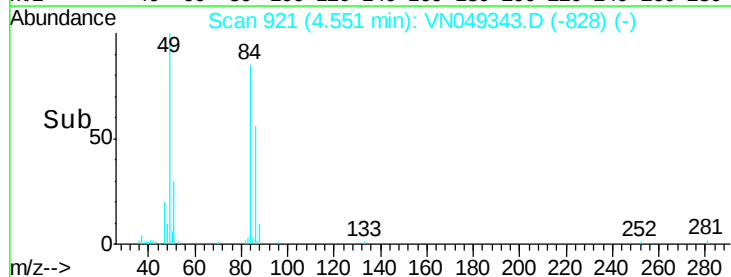
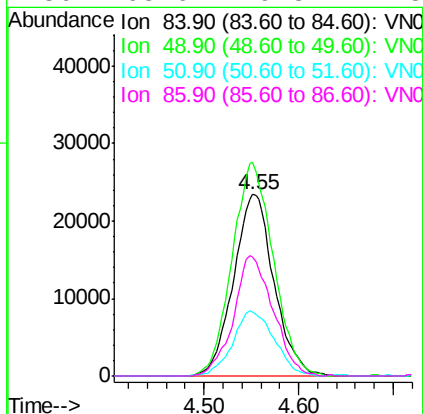
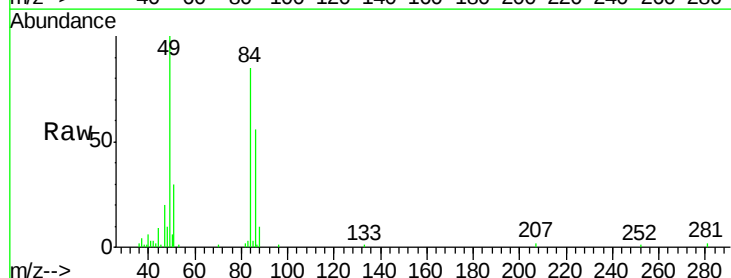
Instrument :
MSVOA_N
ClientSampleId :
PB110313ZHE#08

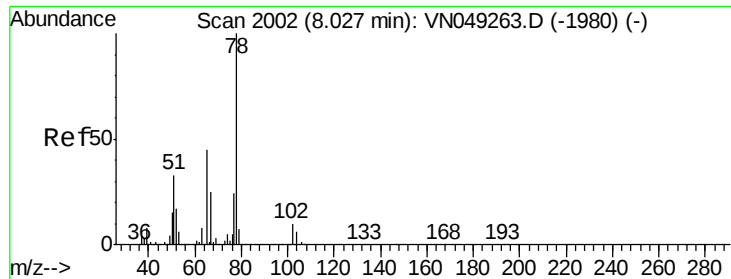
Tot Ion: 43 Resp: 112095
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 3.709 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

Tgt Ion: 84 Resp: 69543
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 35.4 32.7 49.1
86 65.6 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 48.099 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049343.D

Acq: 18 Jun 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

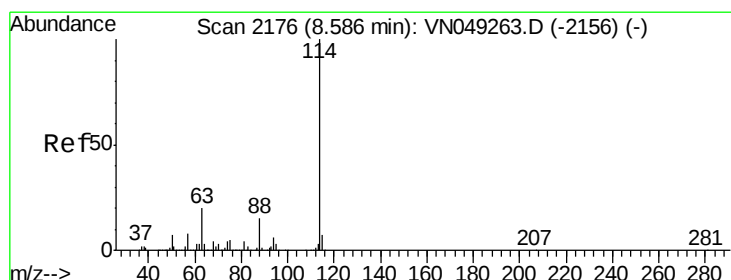
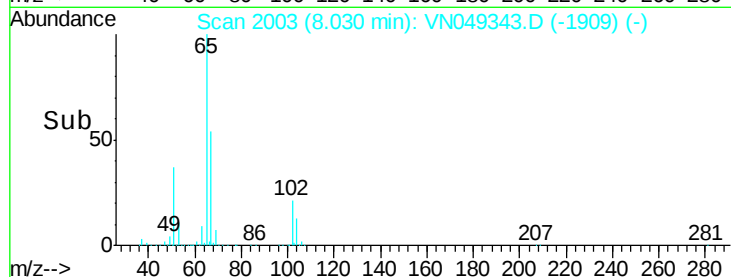
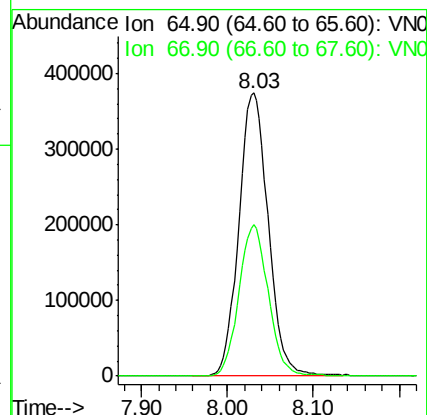
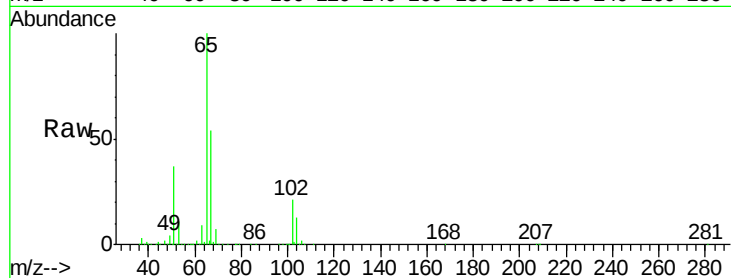
PB110313ZHE#08

Tot Ion: 65 Resp: 889344

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049343.D

Acq: 18 Jun 2018 15:12

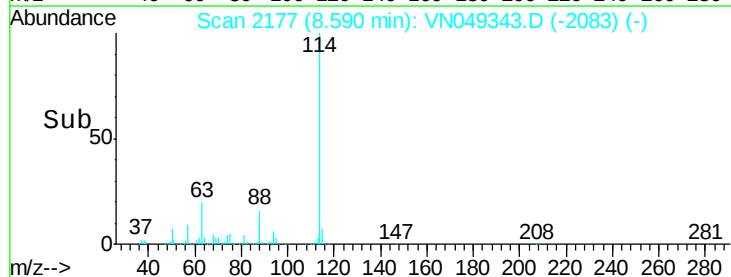
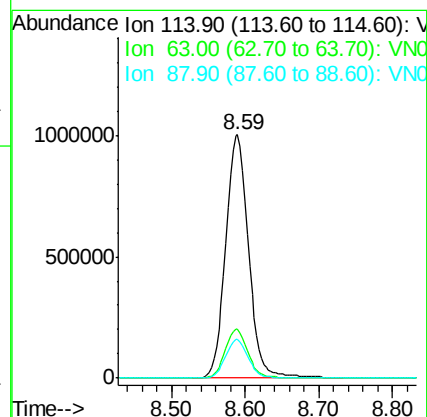
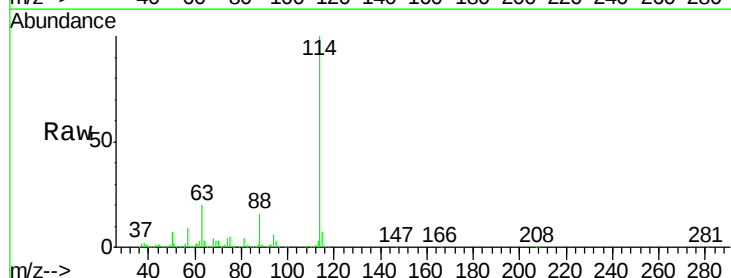
Tgt Ion: 114 Resp: 2169571

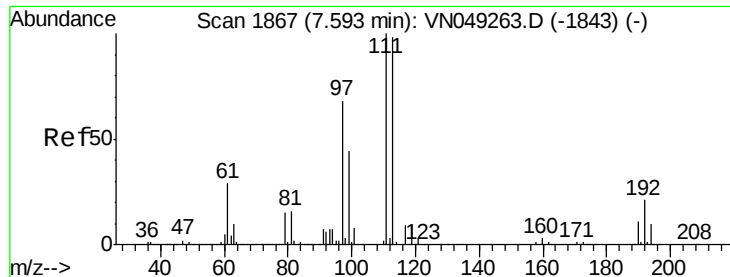
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.9 0.0 31.4

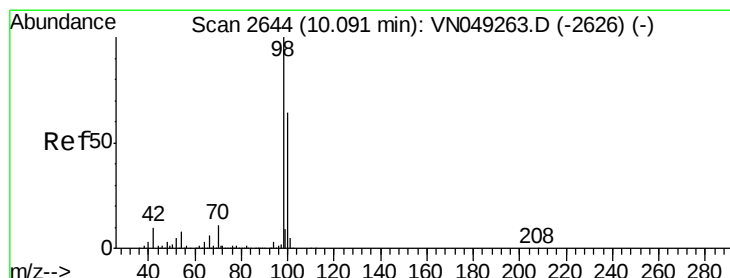
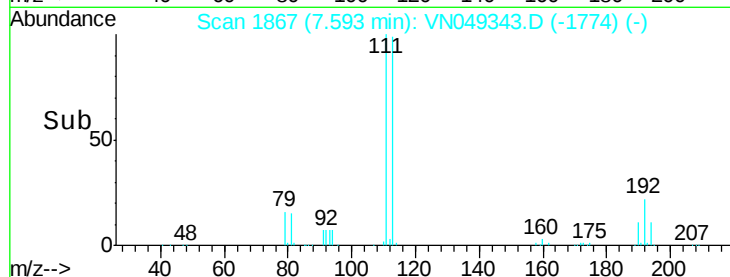
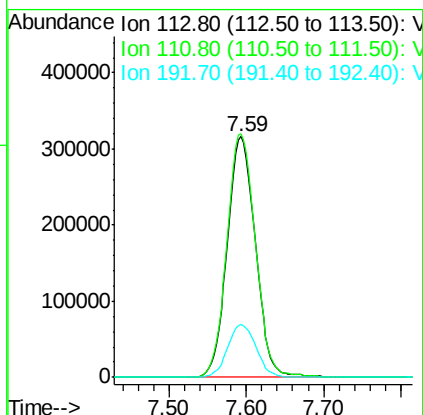
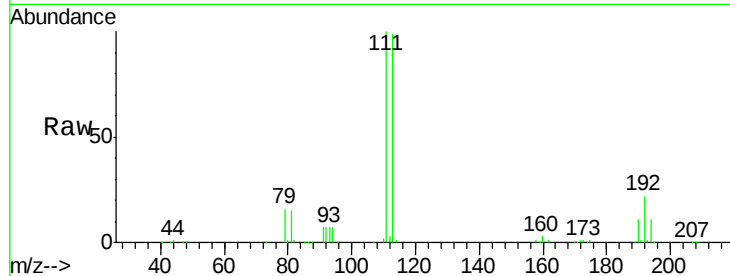




#35
Dibromofluoromethane
Concen: 45.494 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

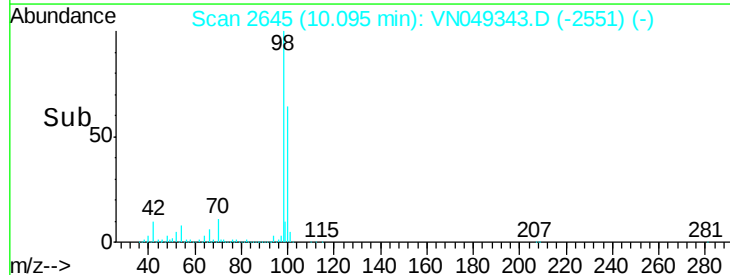
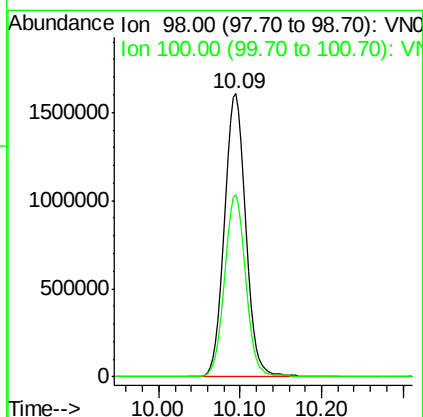
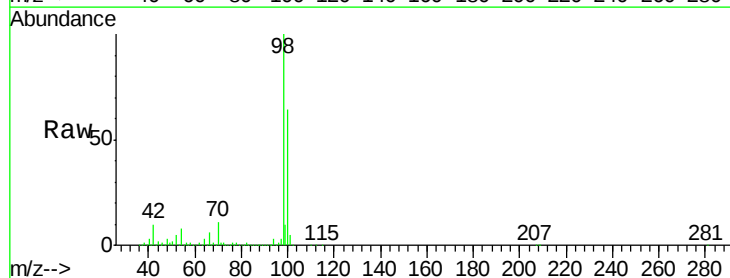
Instrument :
MSVOA_N
ClientSampleId :
PB110313ZHE#08

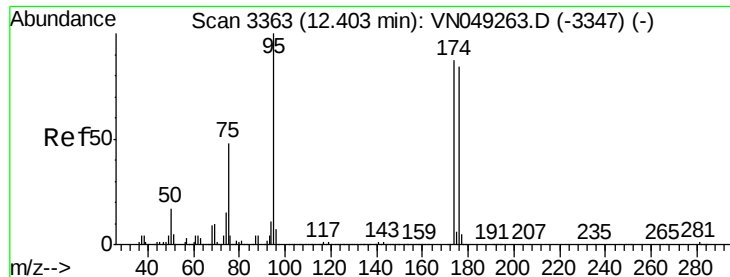
Tot Ion:113 Resp: 798552
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 22.3 15.0 22.6



#50
Toluene-d8
Concen: 44.884 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

Tgt Ion: 98 Resp: 2999836
Ion Ratio Lower Upper
98 100
100 63.8 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 36.960 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049343.D

Acq: 18 Jun 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB110313ZHE#08

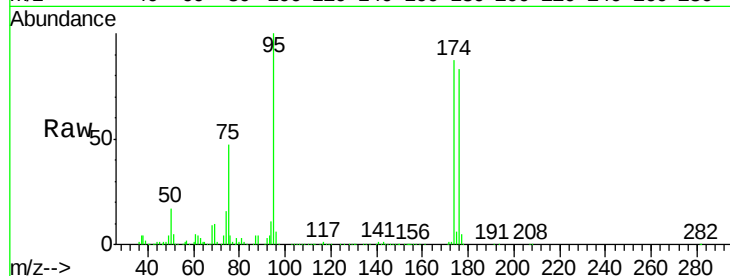
Tot Ion: 95 Resp: 816787

Ion Ratio Lower Upper

95 100

174 87.9 0.0 165.6

176 84.9 0.0 157.4



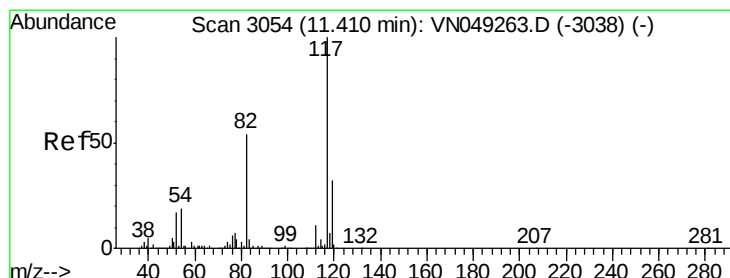
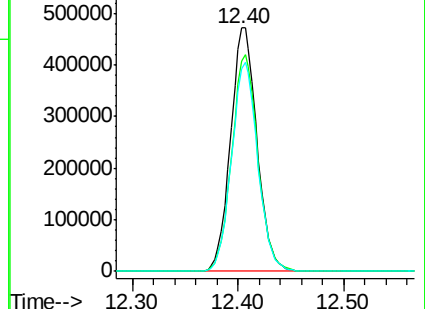
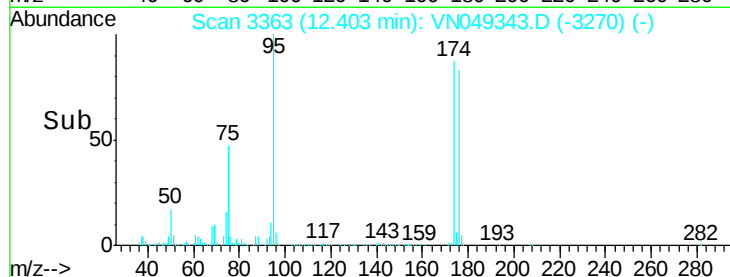
Abundance Ion 94.90 (94.60 to 95.60): VN049343.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049343.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049343.D (-3270) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049343.D

Acq: 18 Jun 2018 15:12

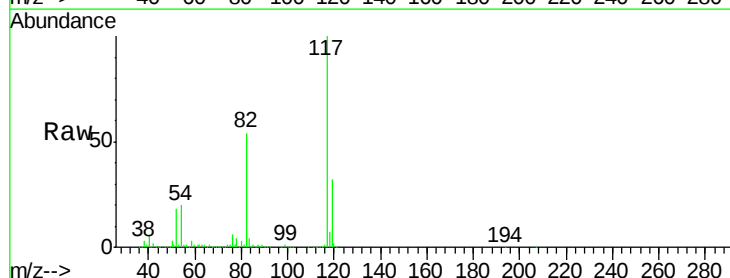
Tgt Ion: 117 Resp: 1853801

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

119 32.2 25.5 38.3



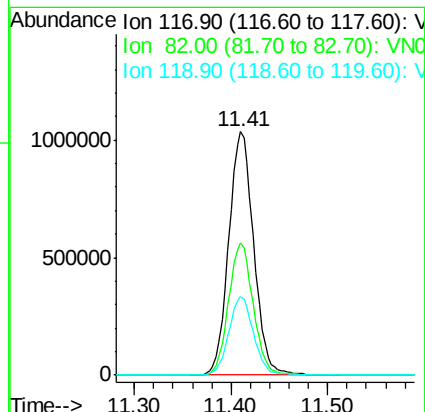
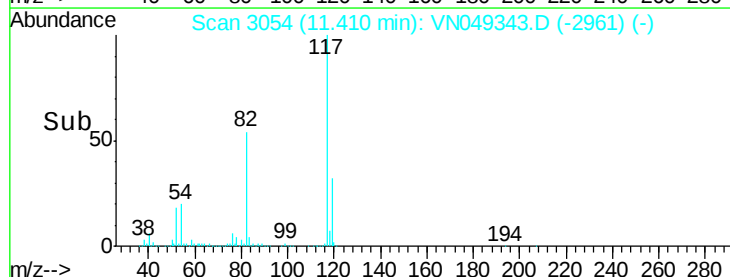
Abundance Ion 116.90 (116.60 to 117.60): VN049343.D (-2961) (-)

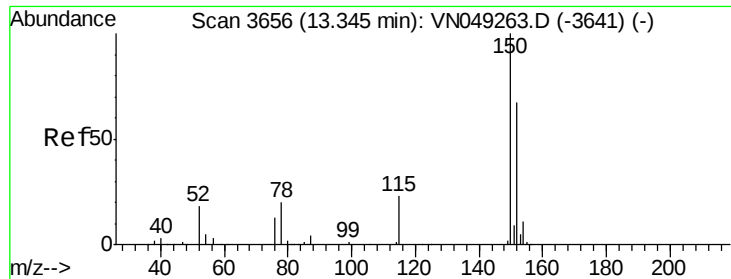
Ion 82.00 (81.70 to 82.70): VN049343.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049343.D (-2961) (-)

11.41

Time-->



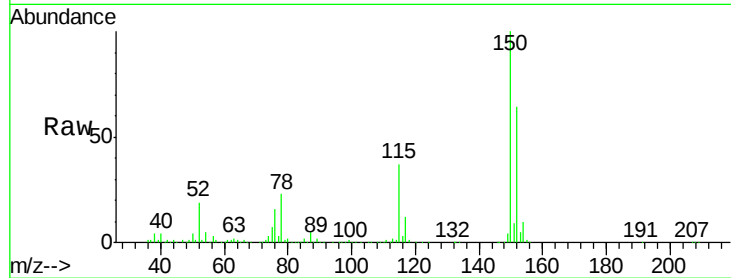


#72

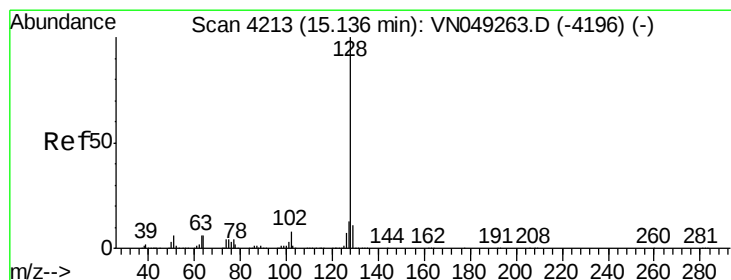
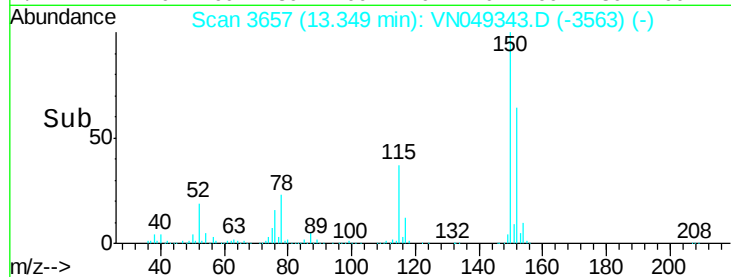
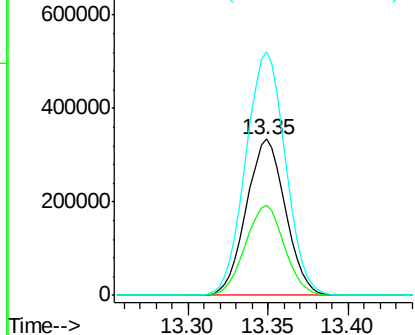
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

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Tot Ion:152 Resp: 559399
Ion Ratio Lower Upper
152 100
115 57.8 28.7 86.1
150 158.4 0.0 351.0



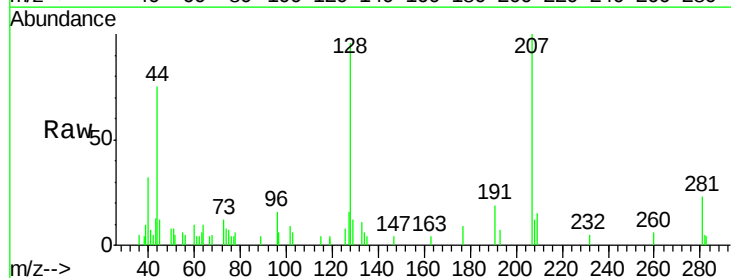
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.597 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049343.D
Acq: 18 Jun 2018 15:12

Tgt Ion:128 Resp: 8038
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 12.4 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

