

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049535.D
 Acq On : 26 Jun 2018 2:37
 Operator : MD\SY
 Sample : PB110537ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#12

Quant Time: Jun 26 03:48:02 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	1193217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1817328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1505227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	375995	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	780723	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	7.59	113	692890	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	2522798	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	596379	32.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.44%	

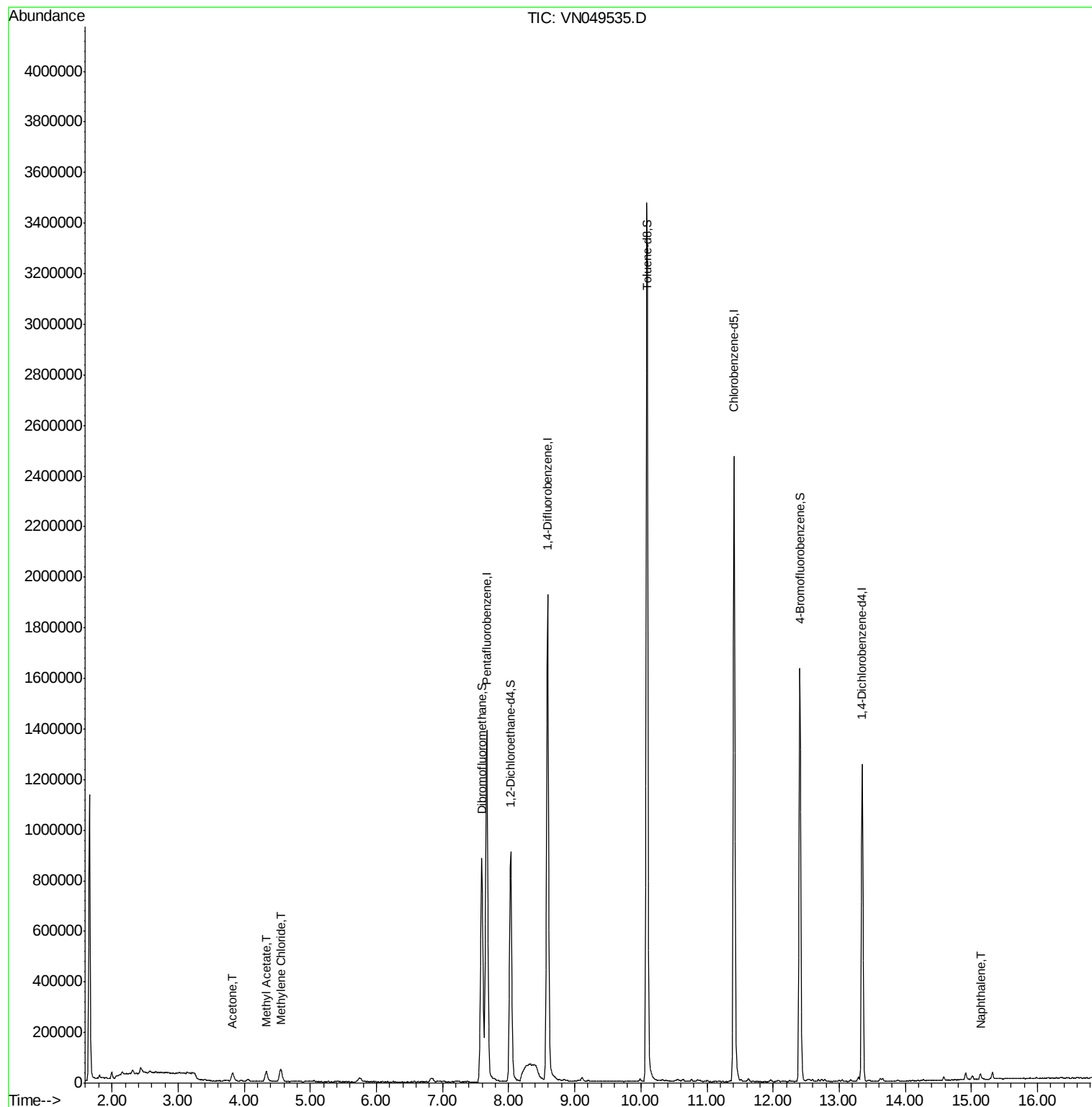
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	53936	14.04	ug/l	96
18) Methyl Acetate	4.34	43	76270	6.51	ug/l	92
20) Methylene Chloride	4.55	84	36659	2.28	ug/l	90
95) Naphthalene	15.14	128	16743	3.68	ug/l	97

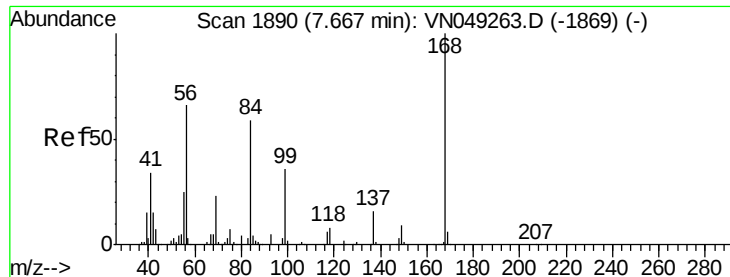
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049535.D

Acq: 26 Jun 2018 2:37

Instrument :

MSVOA_N

ClientSampleId :

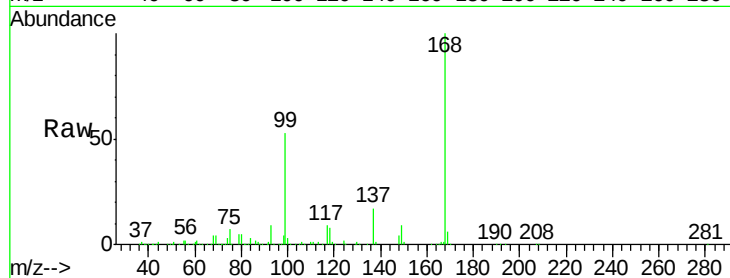
PB110537ZHE#12

Tot Ion:168 Resp: 1193217

Ion Ratio Lower Upper

168 100

99 53.0 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

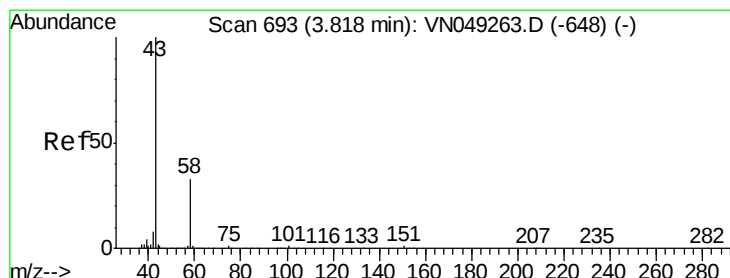
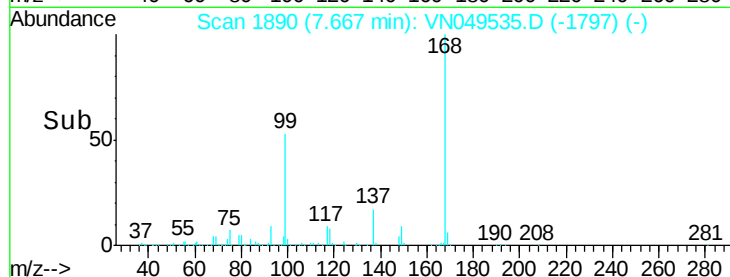
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.04 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049535.D

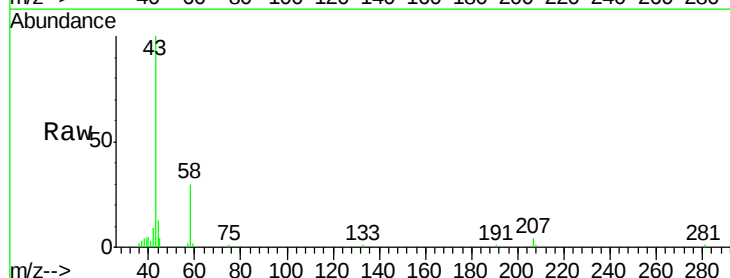
Acq: 26 Jun 2018 2:37

Tgt Ion: 43 Resp: 53936

Ion Ratio Lower Upper

43 100

58 30.1 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

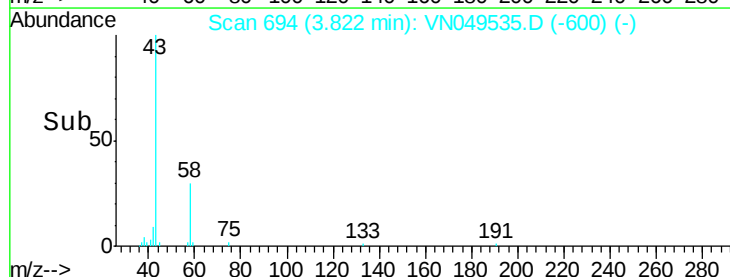
15000

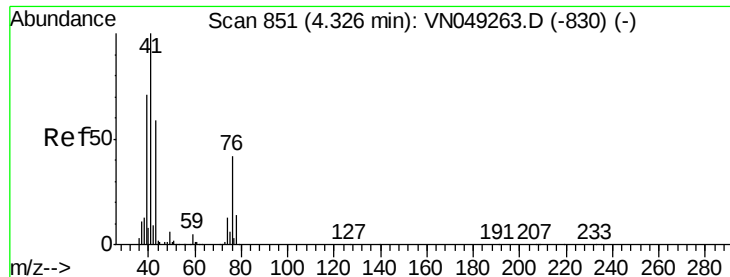
10000

5000

0

Time-->

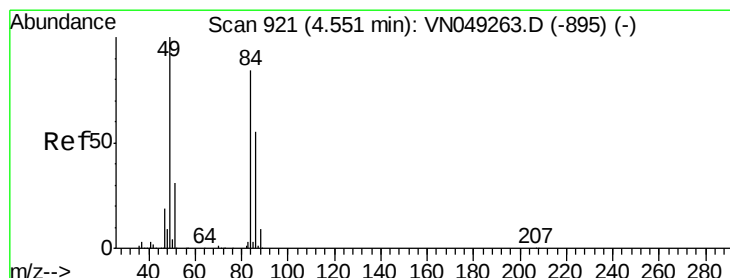
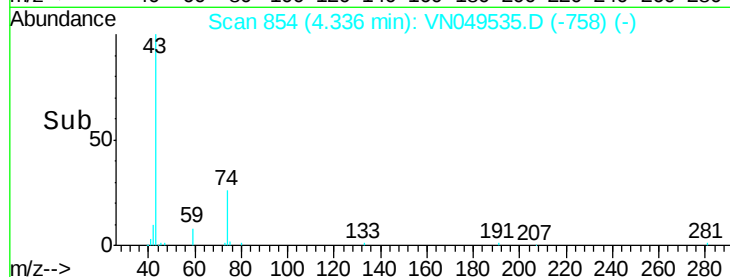
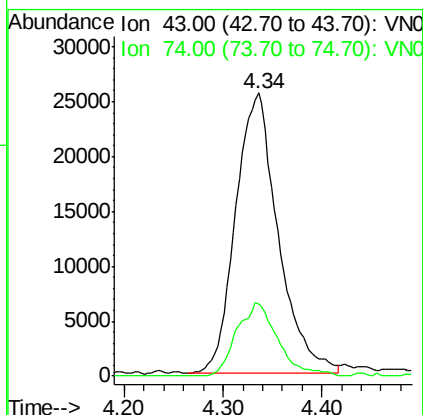
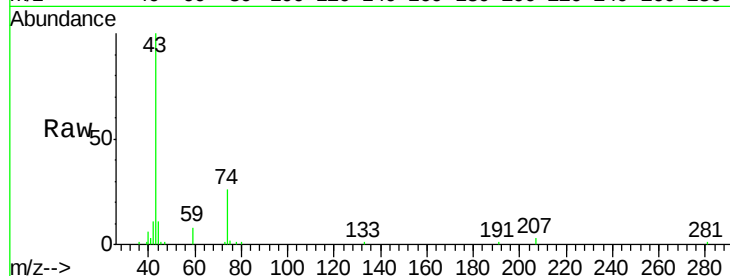




#18
Methvl Acetate
Concen: 6.51 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049535.D
Acq: 26 Jun 2018 2:37

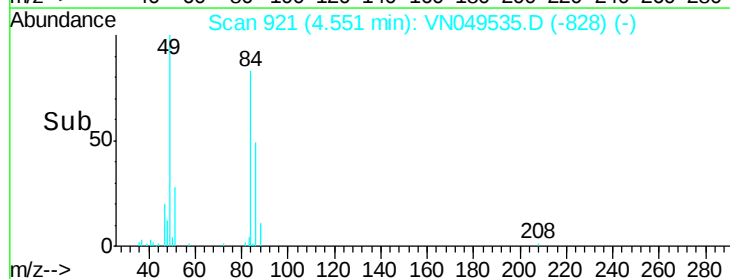
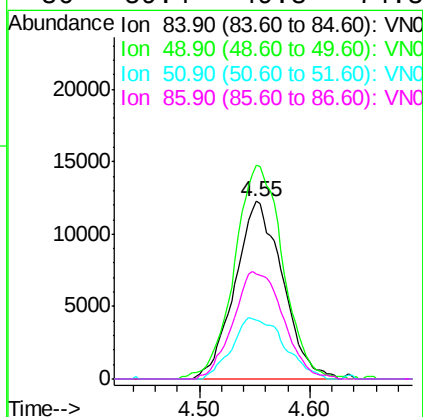
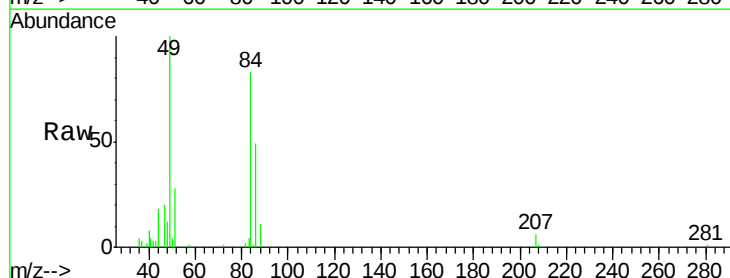
Instrument :
MSVOA_N
ClientSampleId :
PB110537ZHE#12

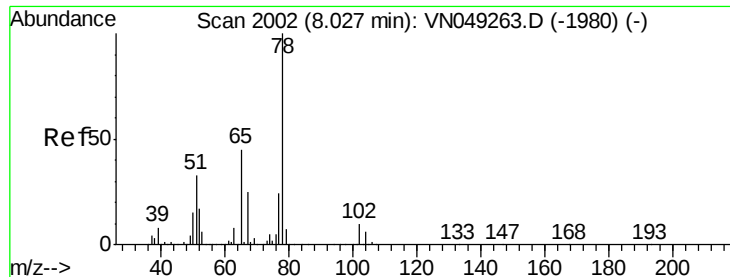
Tot Ion: 43 Resp: 76270
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0



#20
Methylene Chloride
Concen: 2.28 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049535.D
Acq: 26 Jun 2018 2:37

Tgt Ion: 84 Resp: 36659
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 33.1 32.7 49.1
86 59.4 49.8 74.8

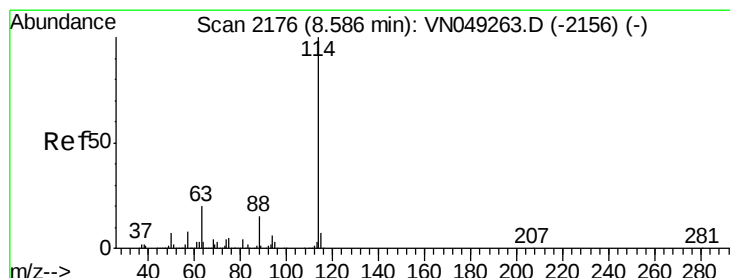
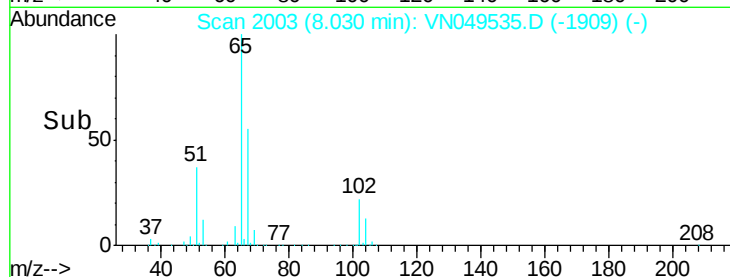
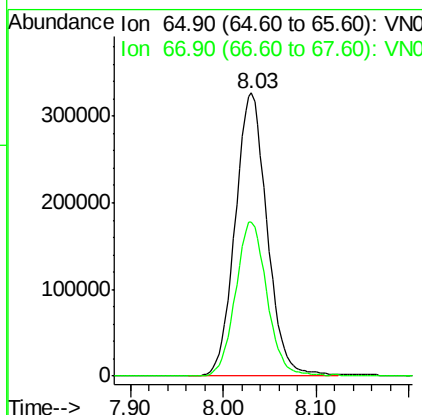
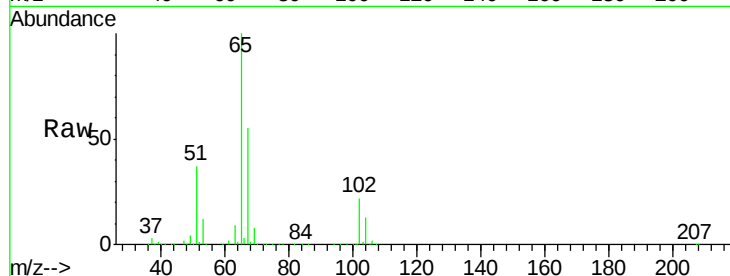




#33
 1,2-Dichloroethane-d4
 Concen: 49.33 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049535.D
 Acq: 26 Jun 2018 2:37

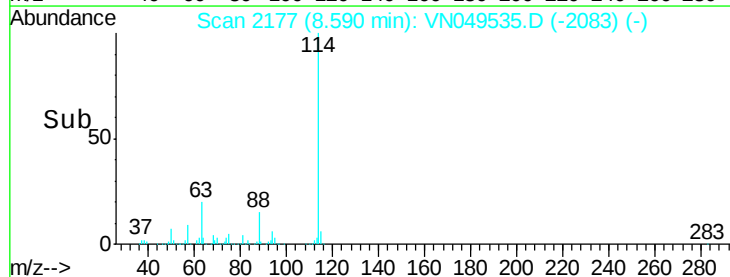
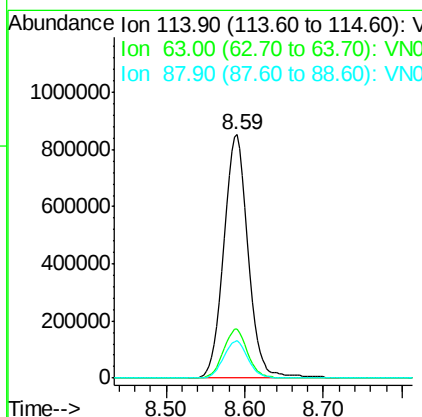
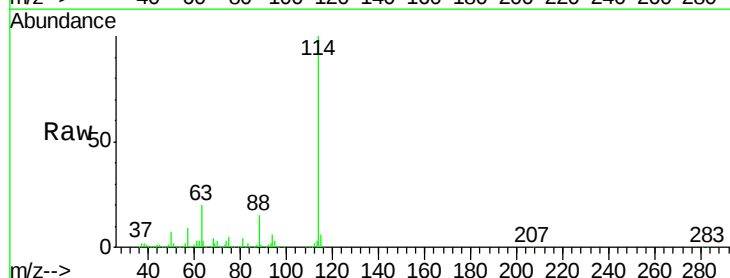
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#12

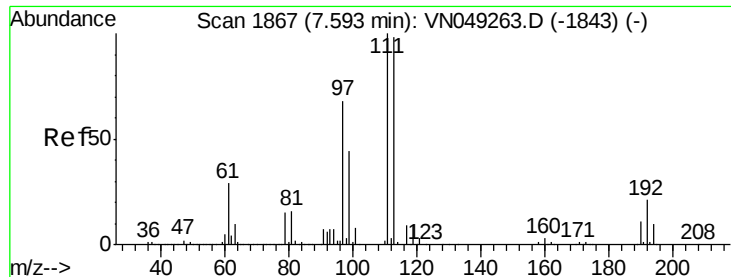
Tot Ion: 65 Resp: 780723
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049535.D
 Acq: 26 Jun 2018 2:37

Tgt Ion: 114 Resp: 1817328
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.3 0.0 31.4

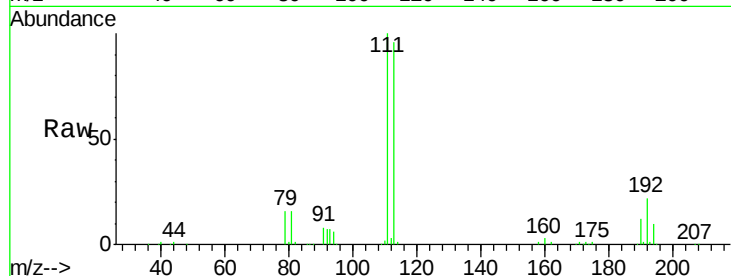




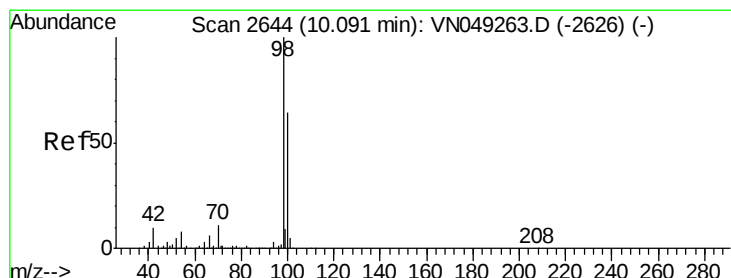
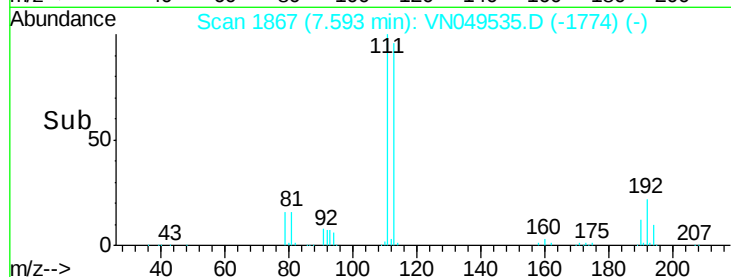
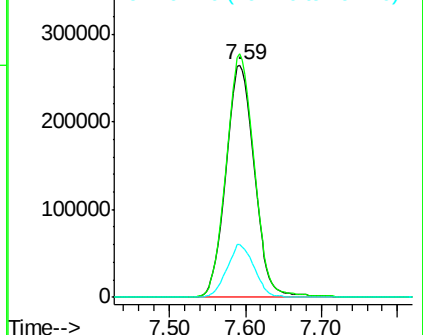
#35
 Dibromofluoromethane
 Concen: 47.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049535.D
 Acq: 26 Jun 2018 2:37

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110537ZHE#12

Tot Ion:113 Resp: 692890
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 22.0 15.0 22.6

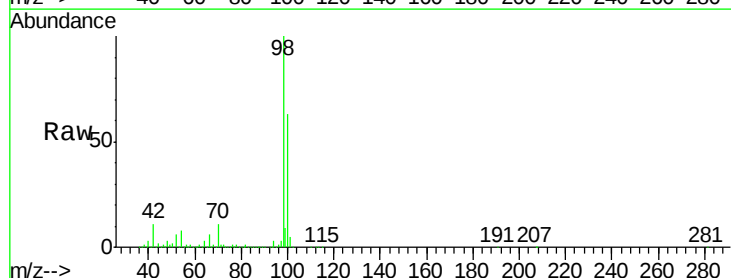


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

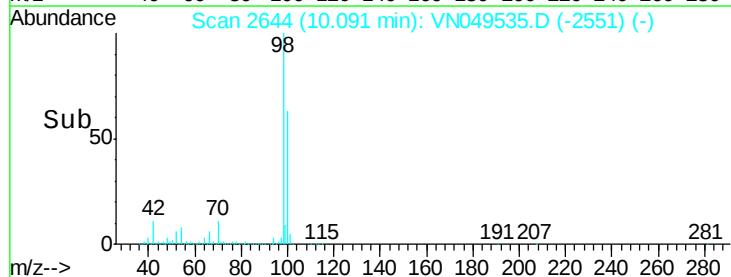
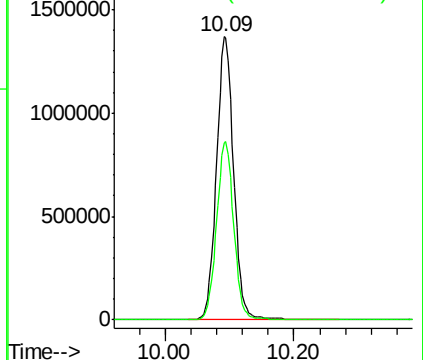


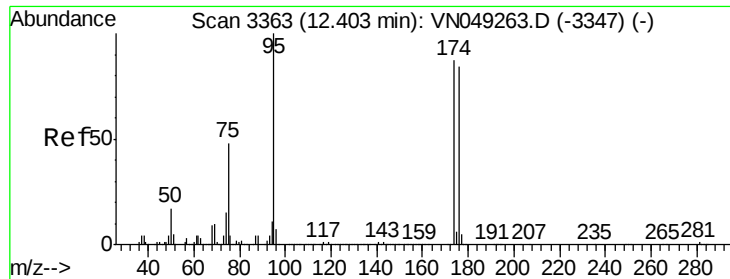
#50
 Toluene-d8
 Concen: 45.06 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049535.D
 Acq: 26 Jun 2018 2:37

Tgt Ion: 98 Resp: 2522798
 Ion Ratio Lower Upper
 98 100
 100 63.2 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: 32.22 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049535.D

Acq: 26 Jun 2018 2:37

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#12

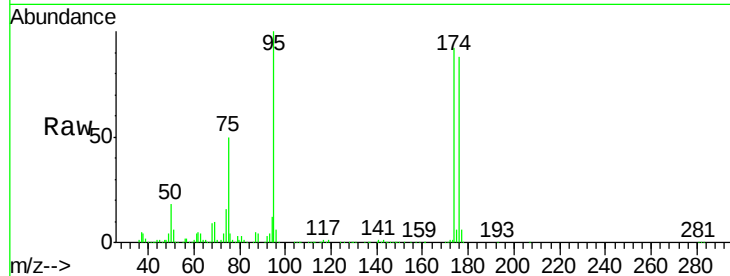
Tot Ion: 95 Resp: 596379

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 86.8 0.0 157.4

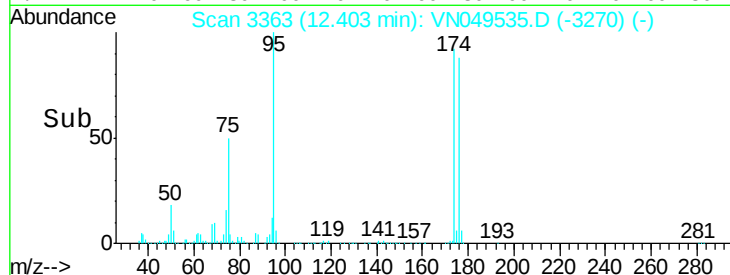


Abundance Ion 94.90 (94.60 to 95.60): VN049535.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049535.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049535.D (-3270) (-)

Time--> 12.30 12.40 12.50

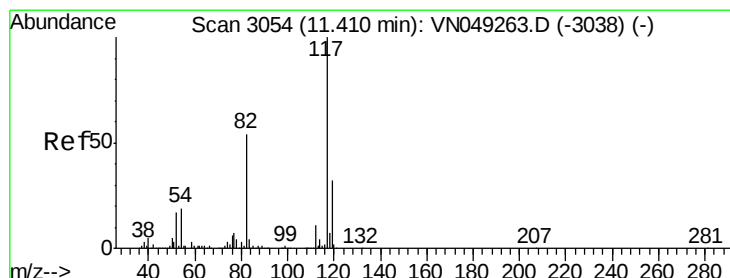


Abundance Ion 94.90 (94.60 to 95.60): VN049535.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049535.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049535.D (-3270) (-)

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: VN049535.D

Acq: 26 Jun 2018 2:37

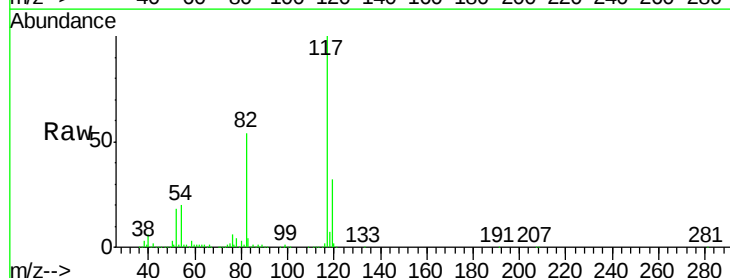
Tgt Ion: 117 Resp: 1505227

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

119 31.9 25.5 38.3

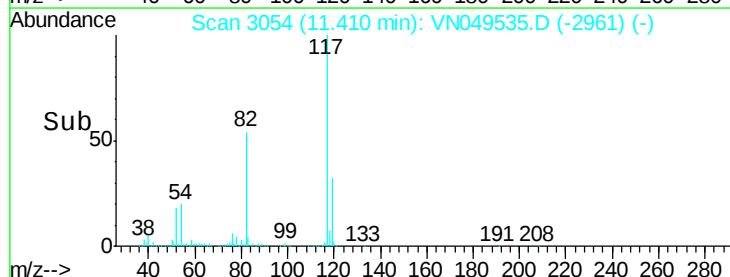


Abundance Ion 116.90 (116.60 to 117.60): VN049535.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049535.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049535.D (-2961) (-)

Time--> 11.30 11.40 11.50

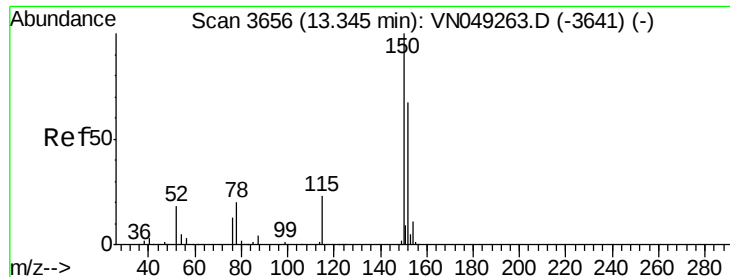


Abundance Ion 116.90 (116.60 to 117.60): VN049535.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049535.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049535.D (-2961) (-)

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: VN049535.D

Acq: 26 Jun 2018 2:37

Instrument :

MSVOA_N

ClientSampleId :

PB110537ZHE#12

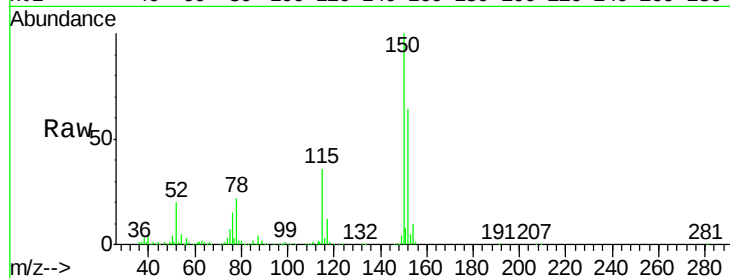
Tot Ion:152 Resp: 375995

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

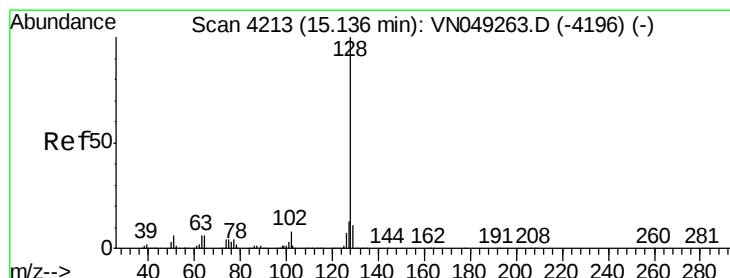
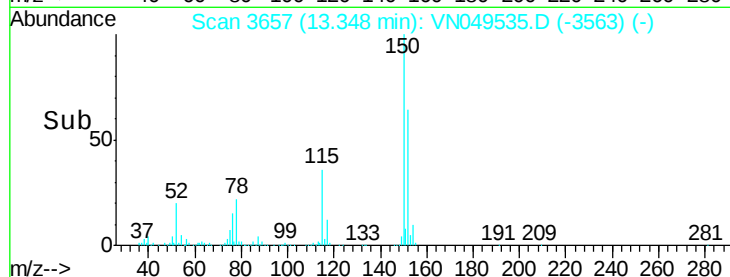
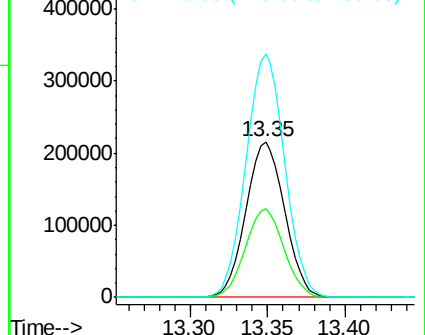
150 157.0 0.0 351.0



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



#95

Naphthalene

Concen: 3.68 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049535.D

Acq: 26 Jun 2018 2:37

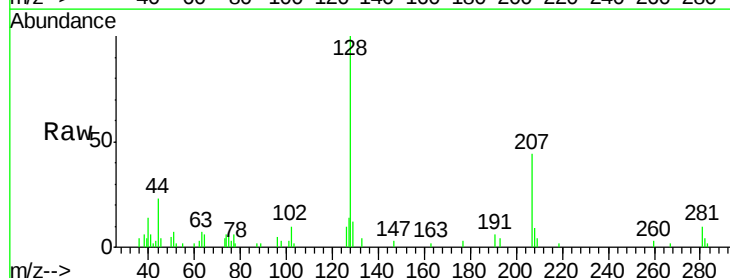
Tgt Ion:128 Resp: 16743

Ion Ratio Lower Upper

128 100

127 15.0 10.6 16.0

129 11.0 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

