

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049291.D
 Acq On : 16 Jun 2018 6:00
 Operator : MD\SY
 Sample : PB110255ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#17

Quant Time: Jun 18 01:29:54 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	1236567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2028752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1581368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394102	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	817316	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
35) Dibromofluoromethane	7.59	113	727795	44.34	ug/l	0.00
Spiked Amount			Recovery	=	88.68%	
50) Toluene-d8	10.09	98	2752792	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.40	95	610633	29.55	ug/l	0.00
Spiked Amount			Recovery	=	59.10%	

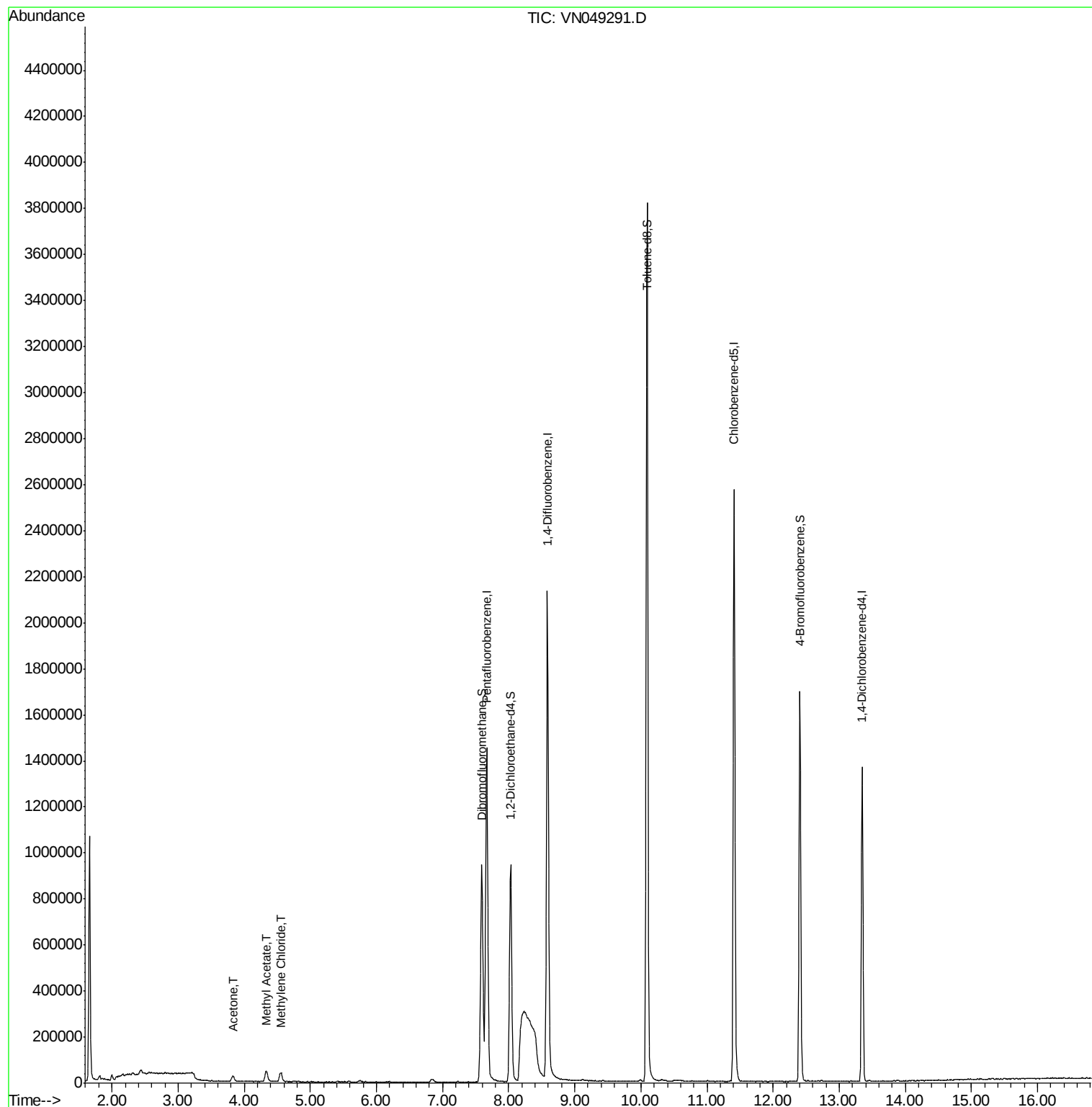
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	40341	10.13	ug/l	99
18) Methyl Acetate	4.33	43	92987	7.66	ug/l	98
20) Methylene Chloride	4.55	84	29364	1.77	ug/l	89

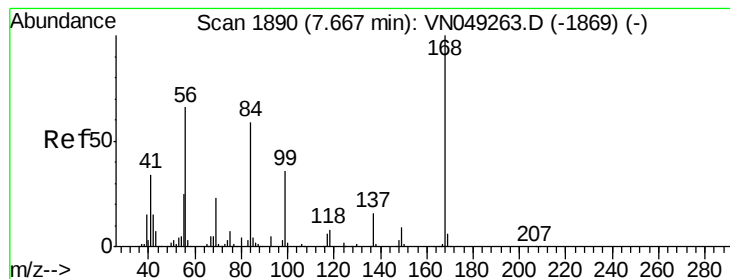
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049291.D

Acq: 16 Jun 2018 6:00

Instrument :

MSVOA_N

ClientSampleId :

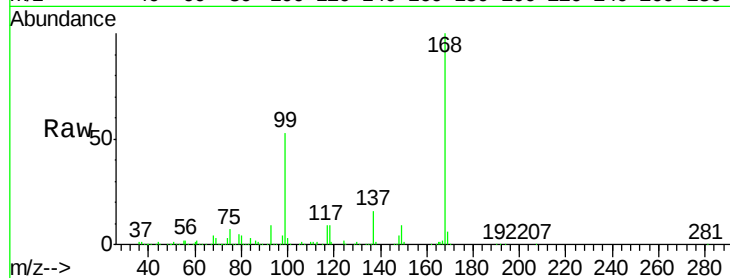
PB110255ZHE#17

Tot Ion:168 Resp: 1236567

Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

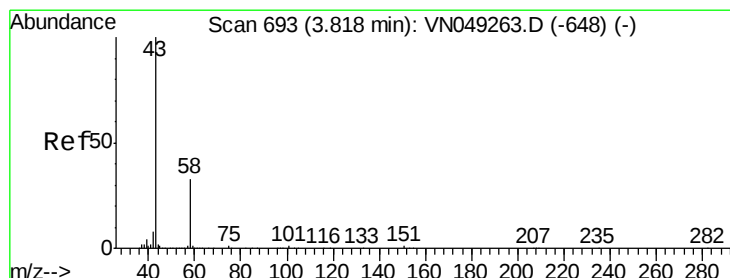
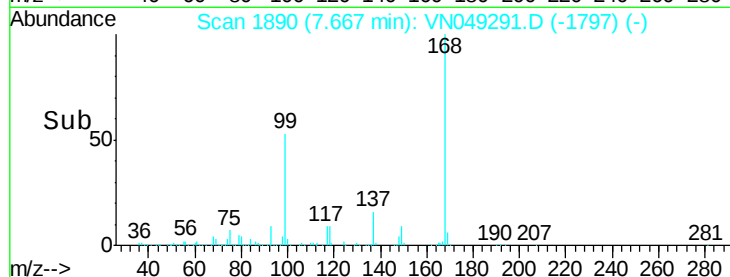
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 10.13 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049291.D

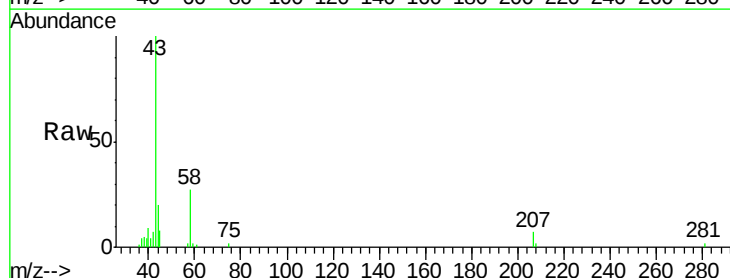
Acq: 16 Jun 2018 6:00

Tgt Ion: 43 Resp: 40341

Ion Ratio Lower Upper

43 100

58 27.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

10000

5000

0

3.83

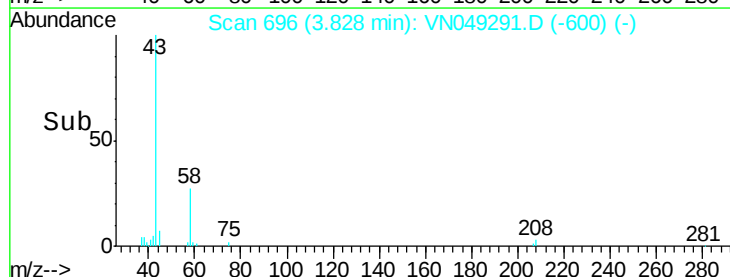
3.75

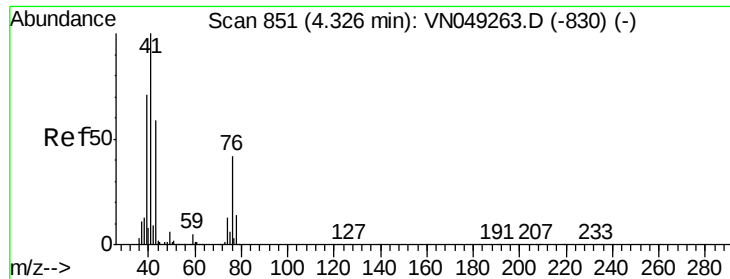
3.80

3.85

3.90

Time-->

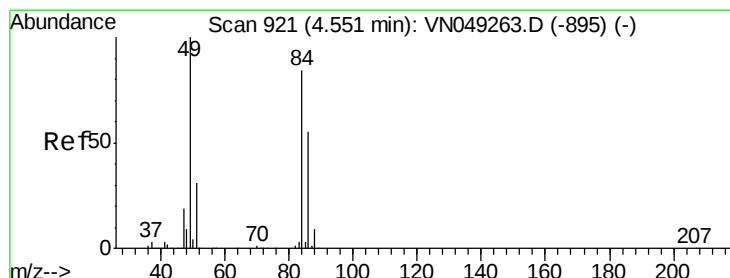
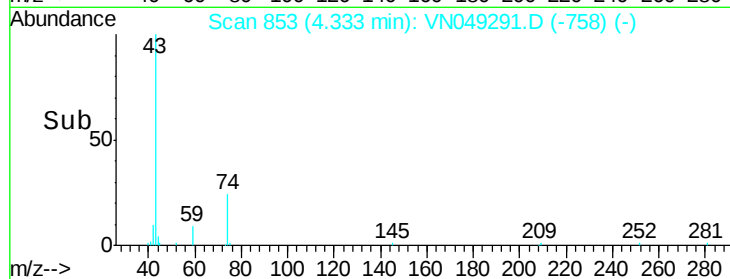
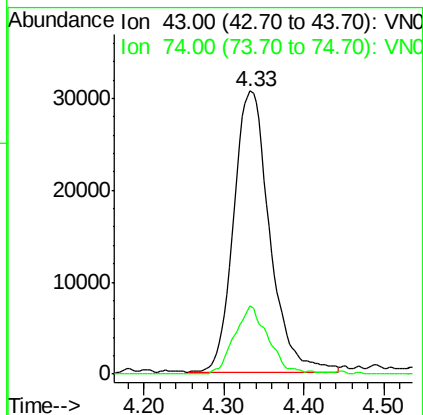
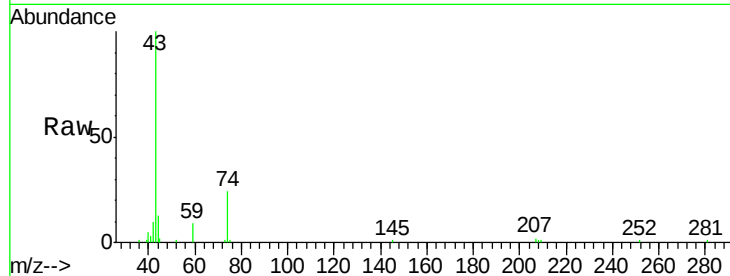




#18
Methvl Acetate
Concen: 7.66 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049291.D
Acq: 16 Jun 2018 6:00

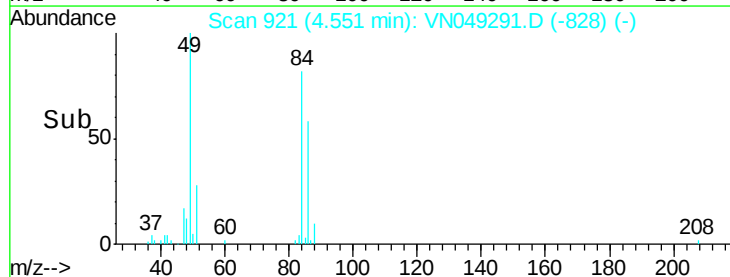
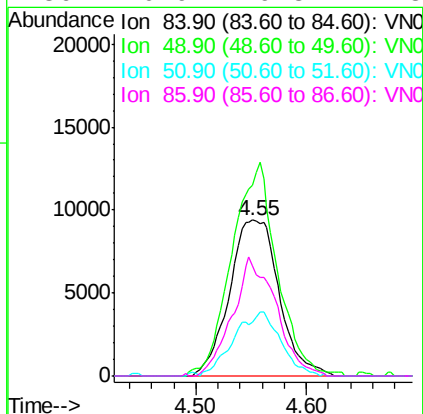
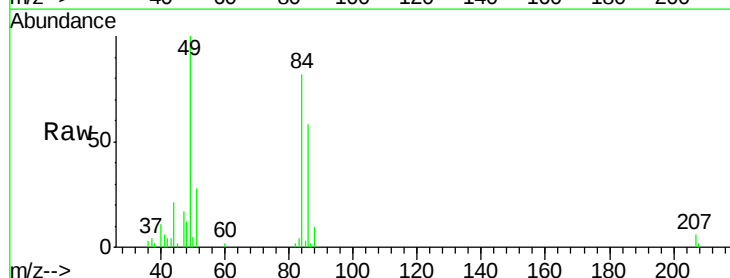
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#17

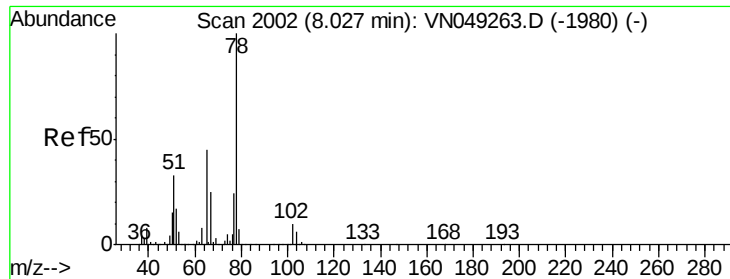
Tot Ion: 43 Resp: 92987
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.77 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049291.D
Acq: 16 Jun 2018 6:00

Tgt Ion: 84 Resp: 29364
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 34.2 32.7 49.1
86 70.9 49.8 74.8

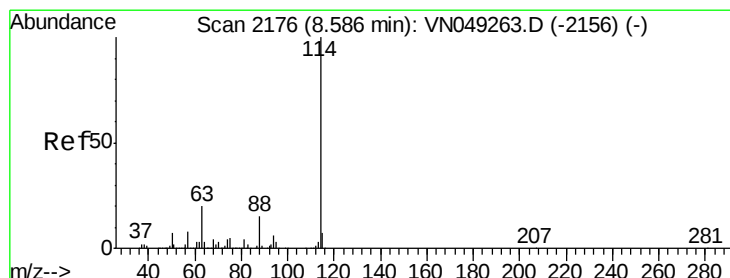
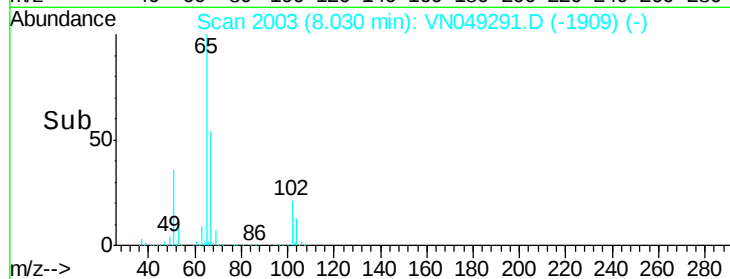
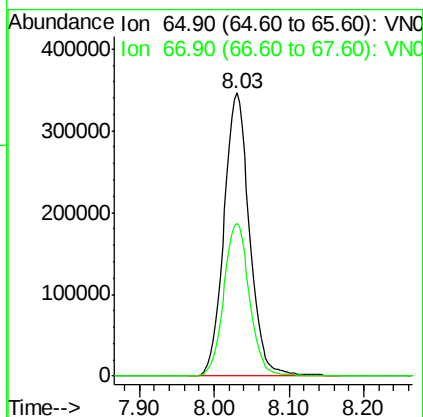
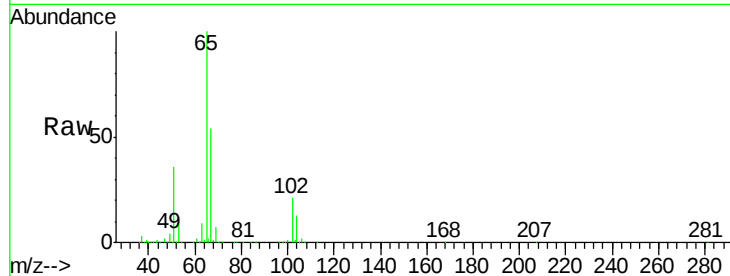




#33
 1,2-Dichloroethane-d4
 Concen: 49.83 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049291.D
 Acq: 16 Jun 2018 6:00

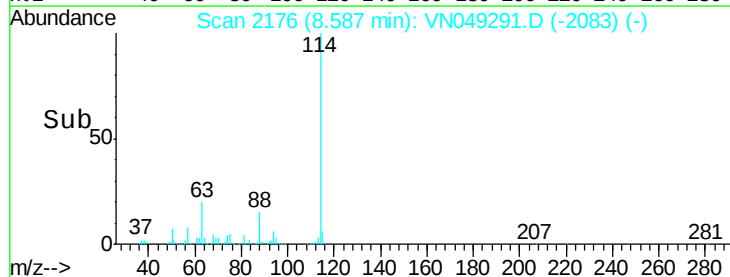
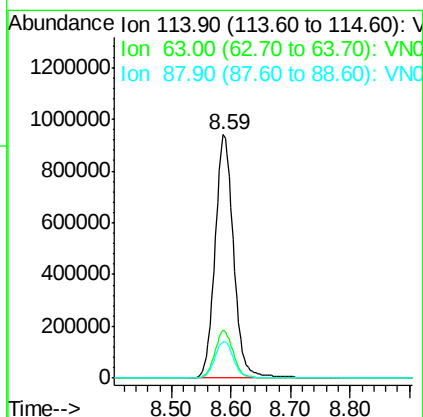
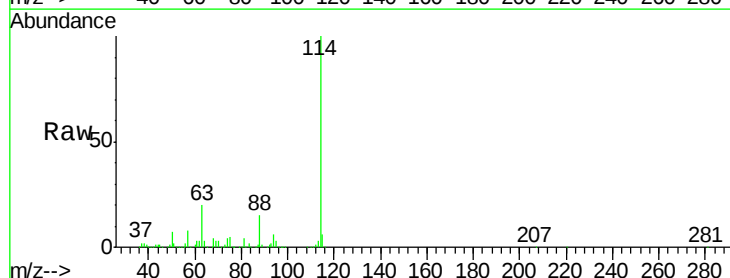
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#17

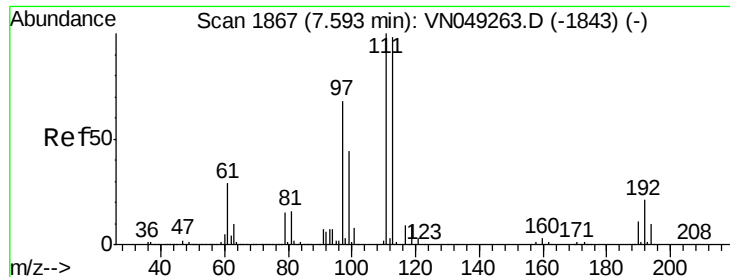
Tot Ion: 65 Resp: 817316
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049291.D
 Acq: 16 Jun 2018 6:00

Tgt Ion: 114 Resp: 2028752
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 44.4
 88 15.0 0.0 31.4

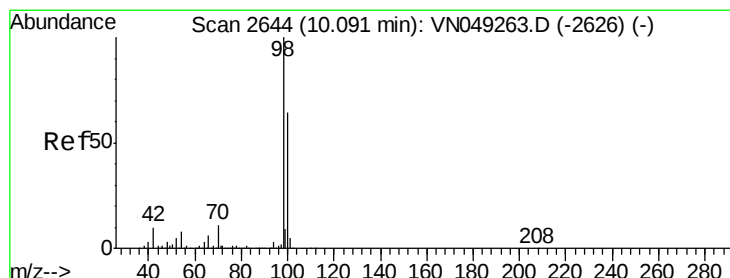
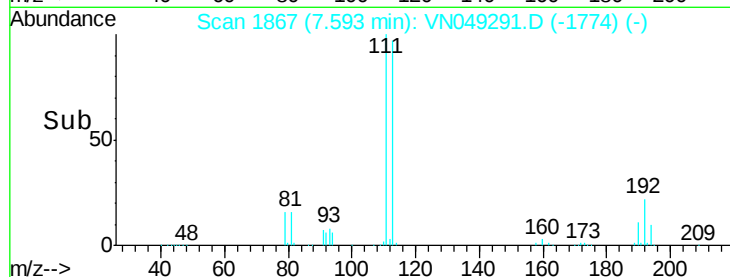
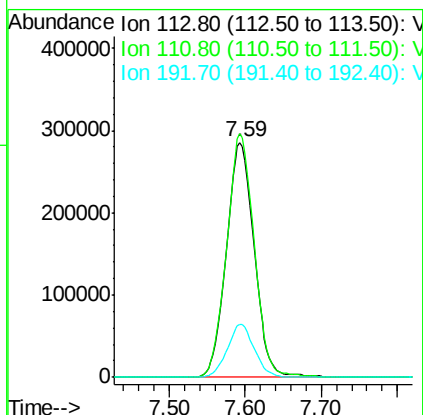
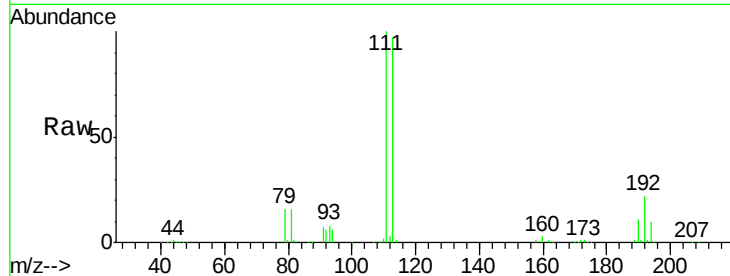




#35
Dibromofluoromethane
Concen: 44.34 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049291.D
Acq: 16 Jun 2018 6:00

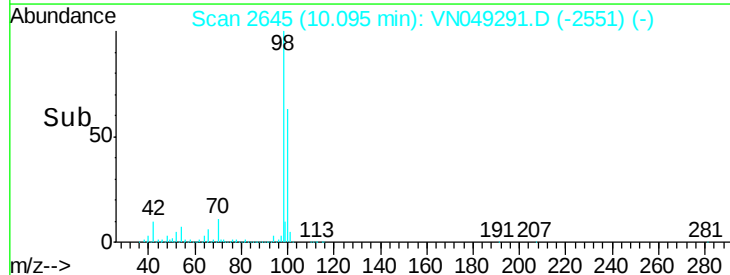
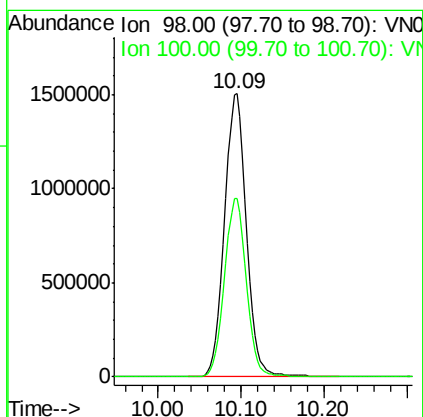
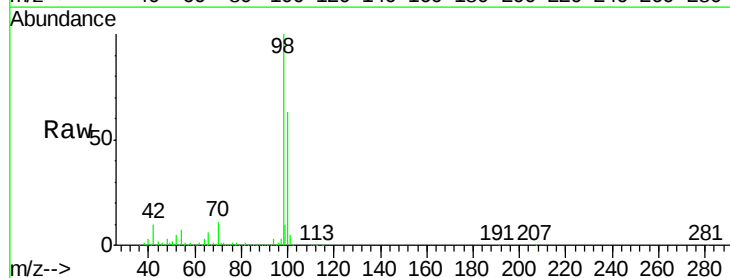
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#17

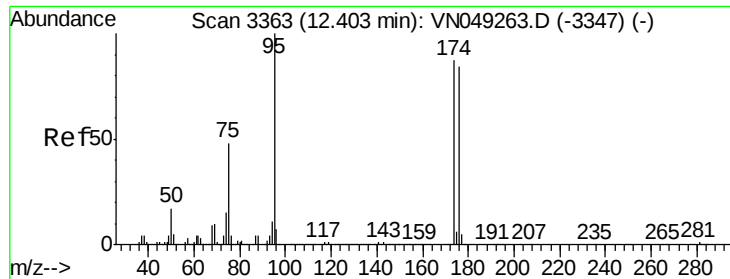
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	22.1	15.0	22.6



#50
Toluene-d8
Concen: 44.05 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049291.D
Acq: 16 Jun 2018 6:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 29.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049291.D

Acq: 16 Jun 2018 6:00

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#17

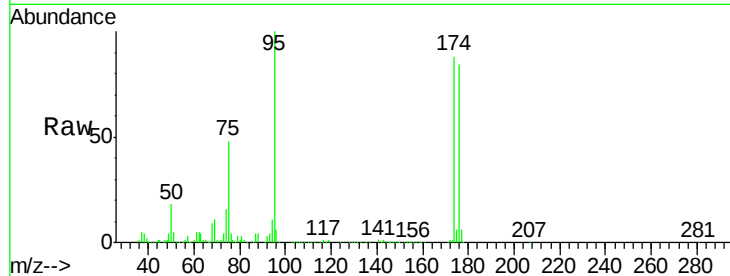
Tot Ion: 95 Resp: 610633

Ion Ratio Lower Upper

95 100

174 89.0 0.0 165.6

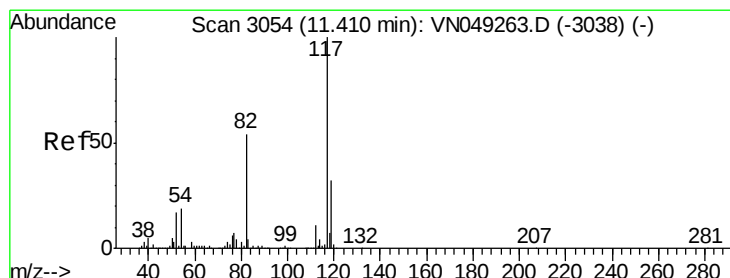
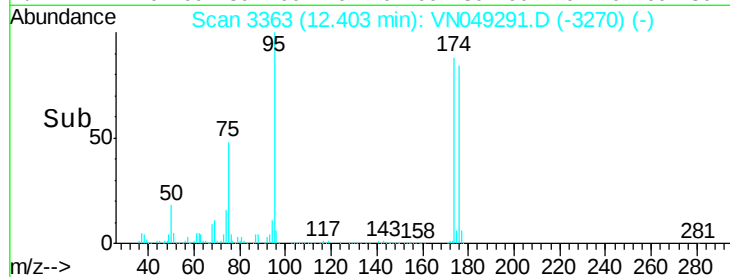
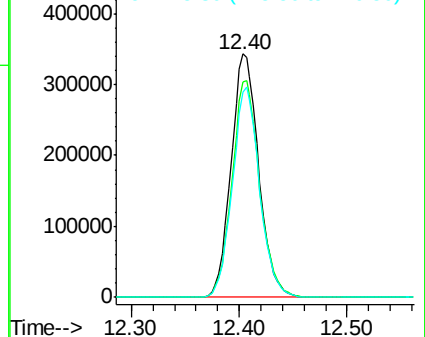
176 85.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049291.D

Acq: 16 Jun 2018 6:00

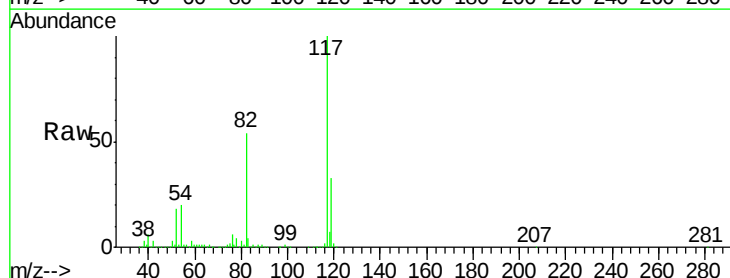
Tgt Ion: 117 Resp: 1581368

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

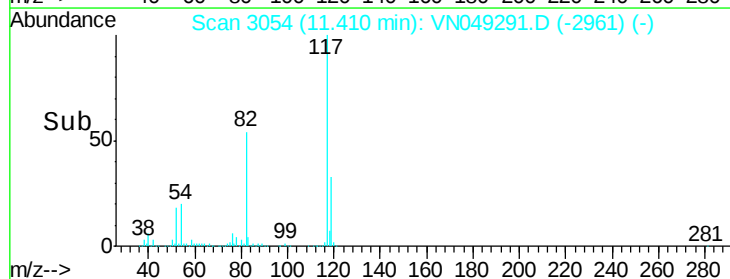
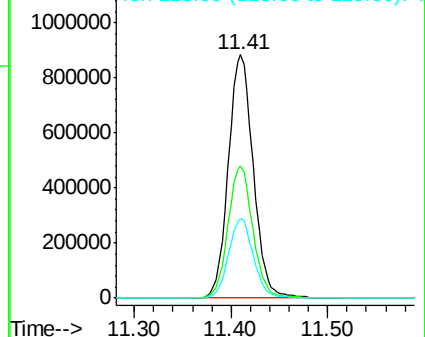
119 32.6 25.5 38.3

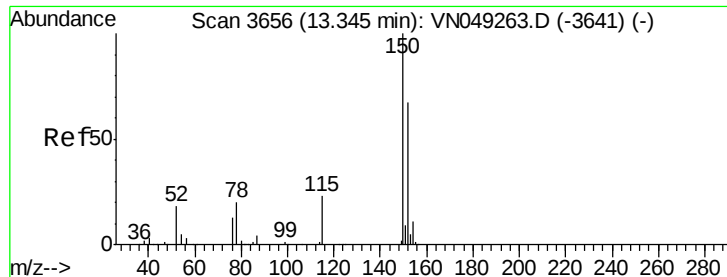


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049291.D

Acq: 16 Jun 2018 6:00

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#17

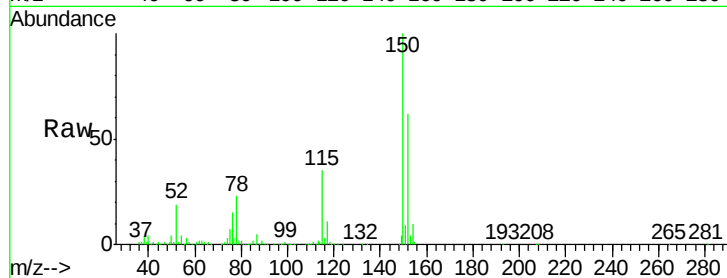
Tot Ion:152 Resp: 394102

Ion Ratio Lower Upper

152 100

115 56.8 28.7 86.1

150 159.6 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

