

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049271.D
 Acq On : 15 Jun 2018 20:34
 Operator : MD\SY
 Sample : PB110255ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#02

Quant Time: Jun 16 02:07:09 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

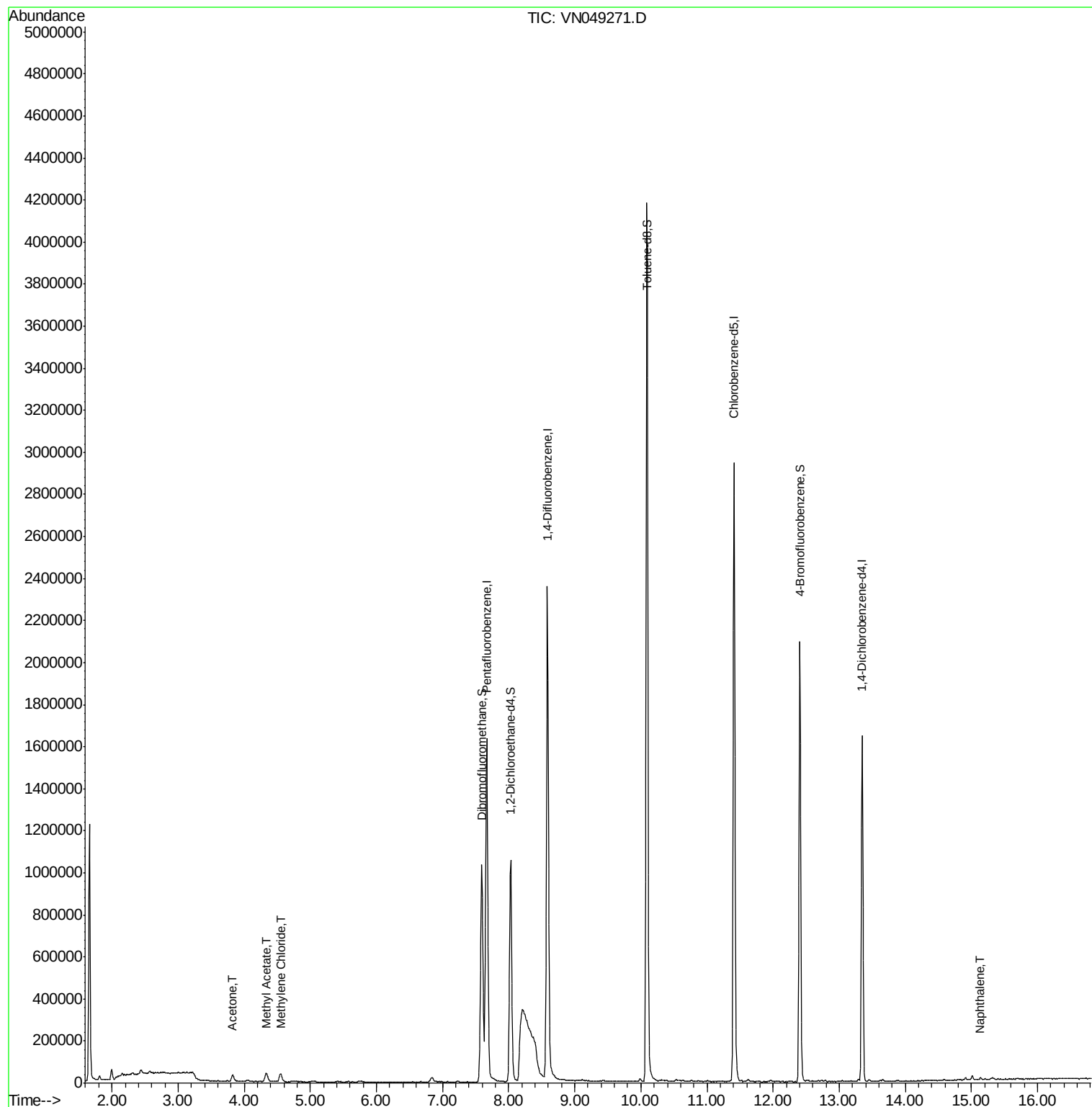
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1401323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2209030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1808349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	474640	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	912639	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	801133	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	10.09	98	3071808	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
62) 4-Bromofluorobenzene	12.41	95	737704	32.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.58%	
Target Compounds						
16) Acetone	3.82	43	52719	11.68	ug/l	92
18) Methyl Acetate	4.33	43	79668	5.79	ug/l	94
20) Methylene Chloride	4.55	84	29385	1.56	ug/l #	85
95) Naphthalene	15.14	128	7180	2.62	ug/l	98

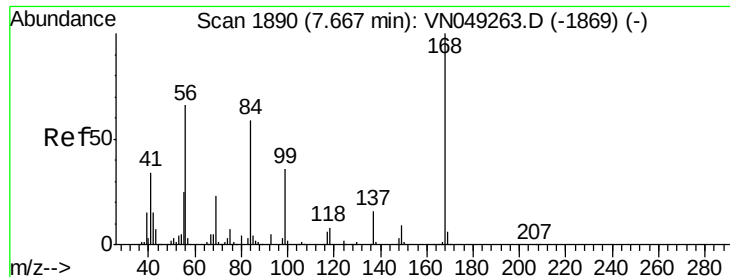
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

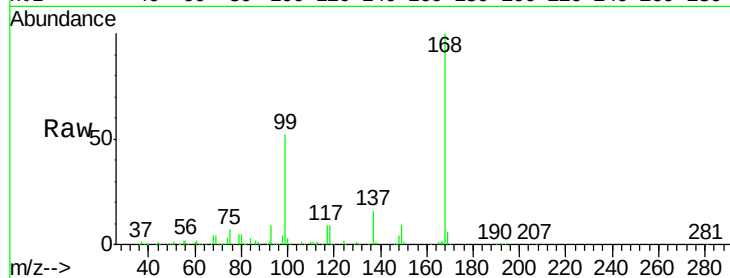
PB110255ZHE#02

Tot Ion:168 Resp: 1401323

Ion Ratio Lower Upper

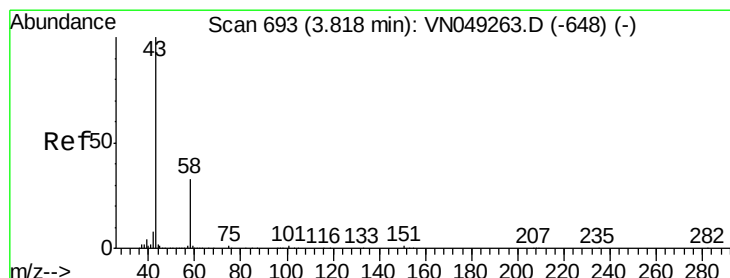
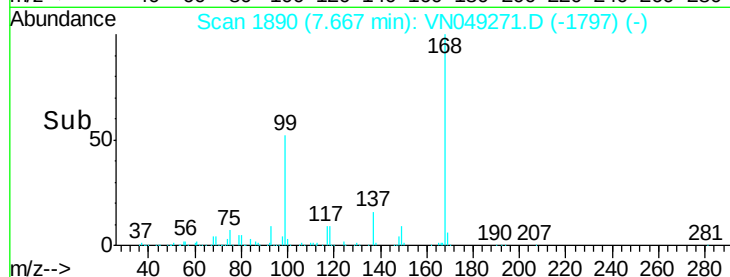
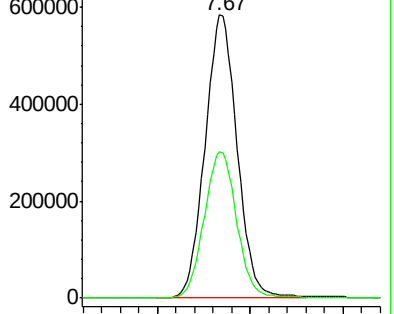
168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.68 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049271.D

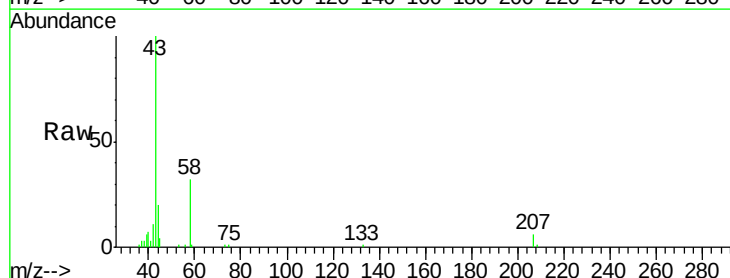
Acq: 15 Jun 2018 20:34

Tgt Ion: 43 Resp: 52719

Ion Ratio Lower Upper

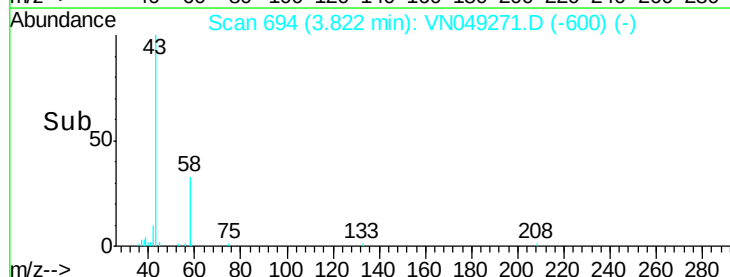
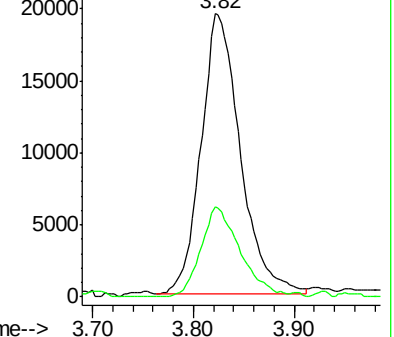
43 100

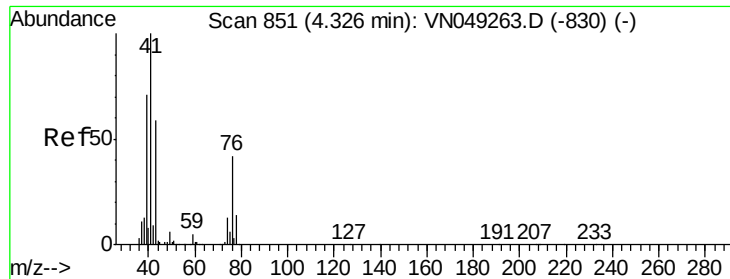
58 32.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

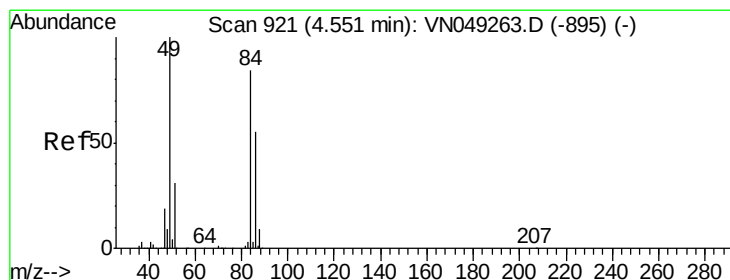
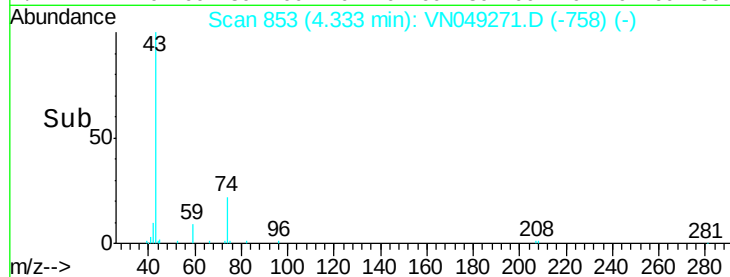
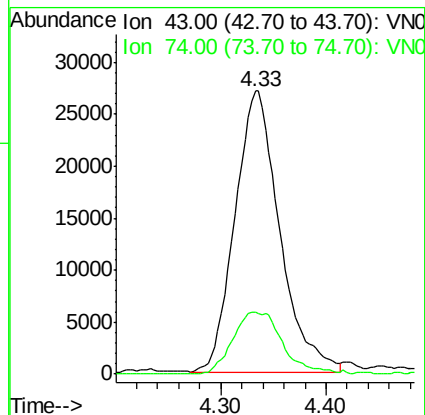
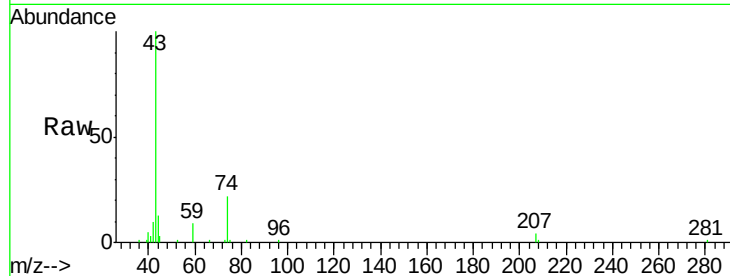




#18
Methvl Acetate
Concen: 5.79 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

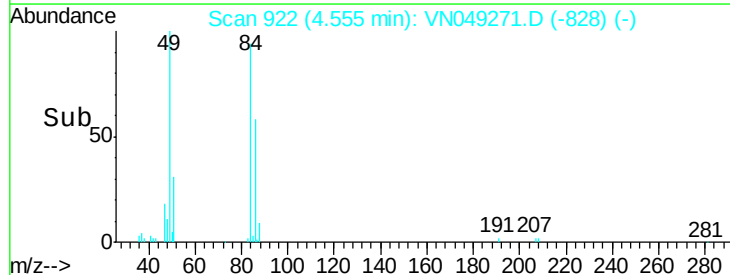
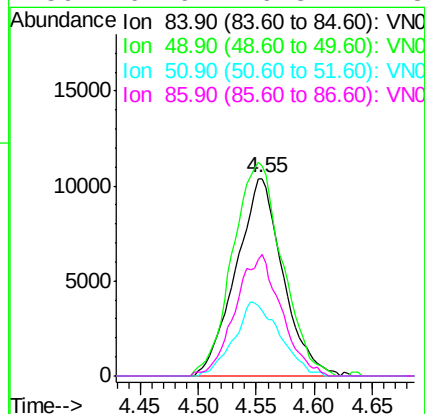
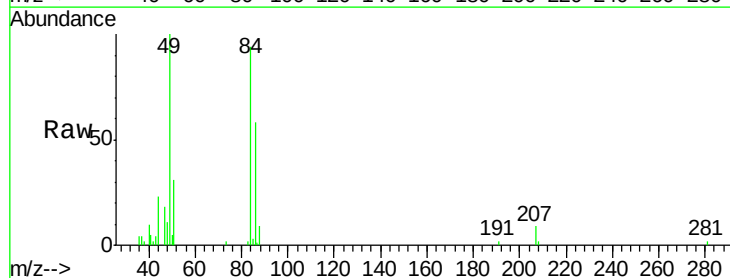
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#02

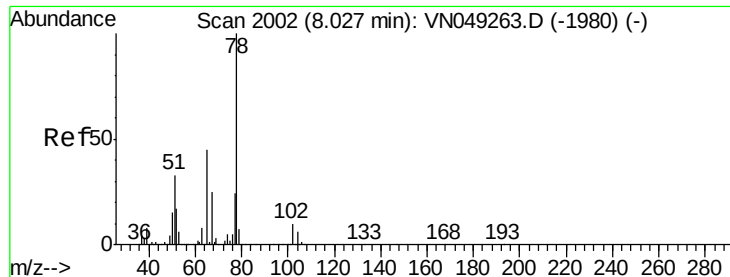
Tot Ion: 43 Resp: 79668
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Tgt Ion: 84 Resp: 29385
Ion Ratio Lower Upper
84 100
49 106.6 106.9 160.3#
51 33.2 32.7 49.1
86 61.6 49.8 74.8

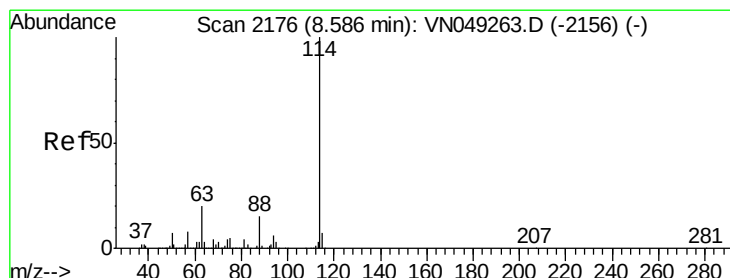
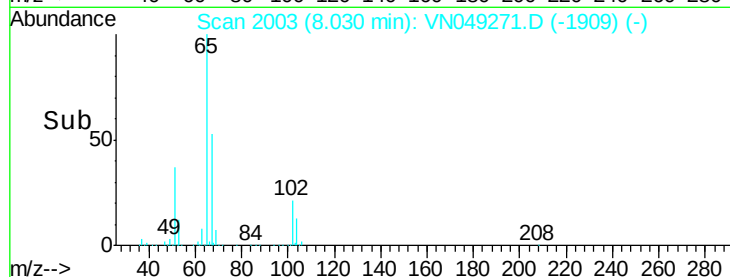
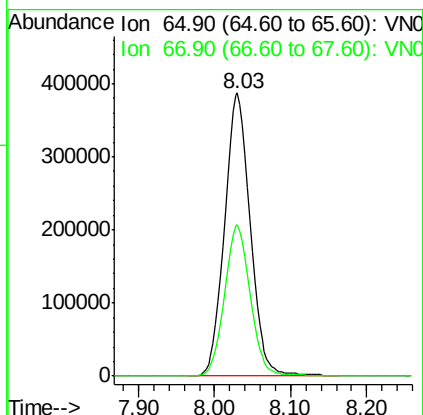
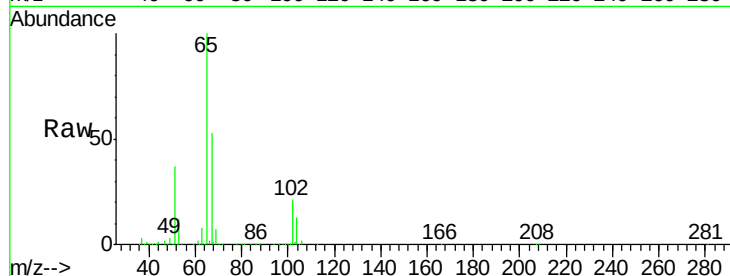




#33
 1,2-Dichloroethane-d4
 Concen: 49.10 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

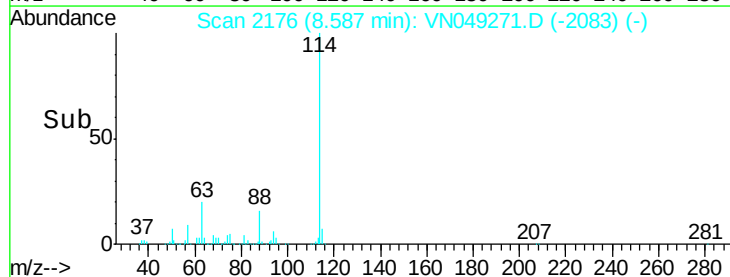
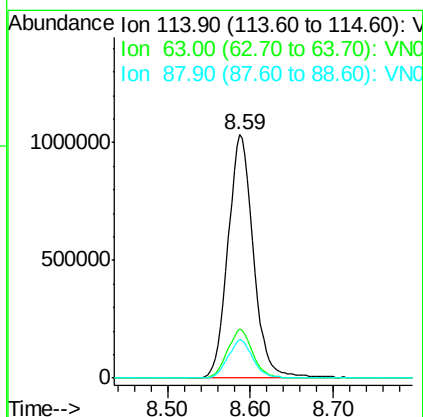
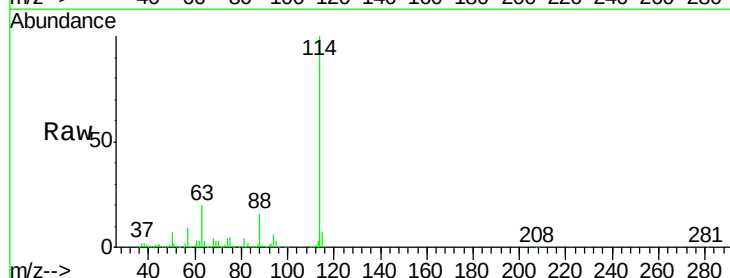
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#02

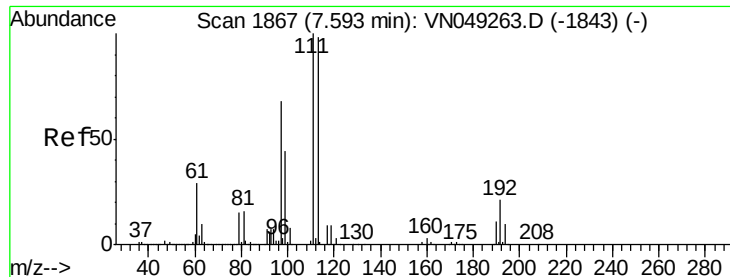
Tot Ion: 65 Resp: 912639
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Tgt Ion: 114 Resp: 2209030
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.8 0.0 31.4

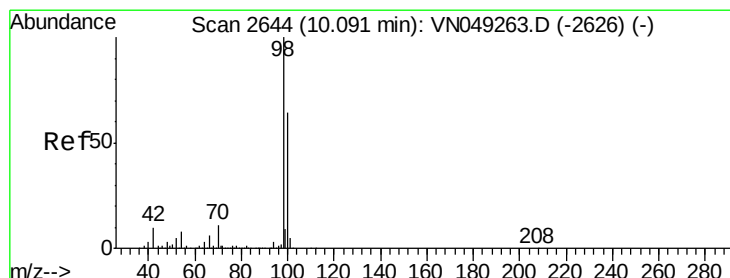
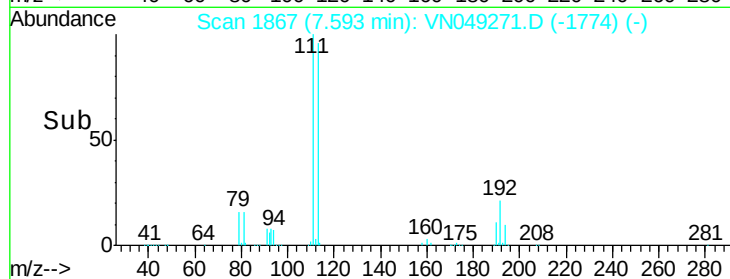
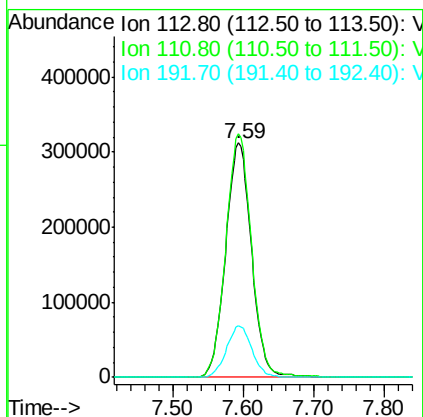
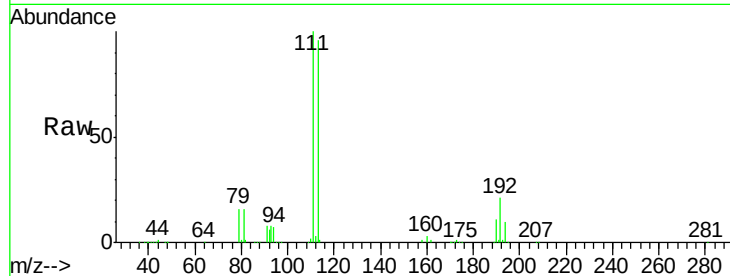




#35
 Dibromofluoromethane
 Concen: 44.83 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

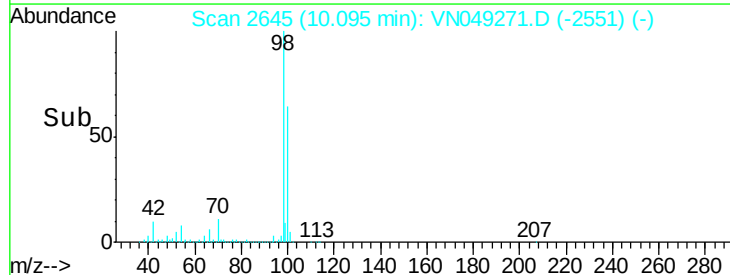
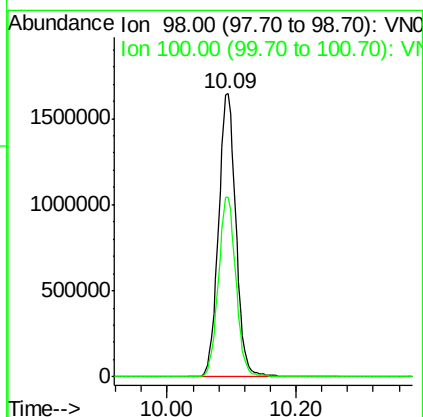
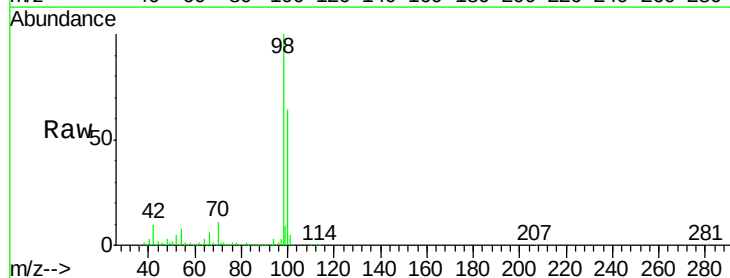
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110255ZHE#02

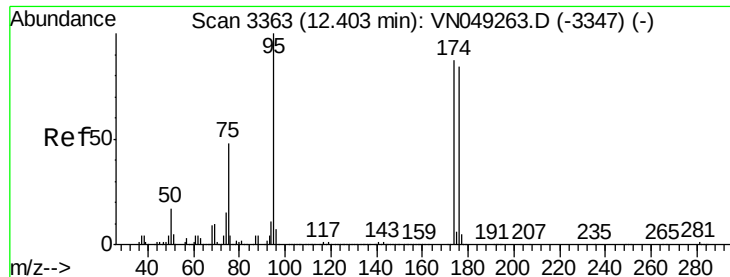
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.6	15.0	22.6



#50
 Toluene-d8
 Concen: 45.14 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049271.D
 Acq: 15 Jun 2018 20:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8

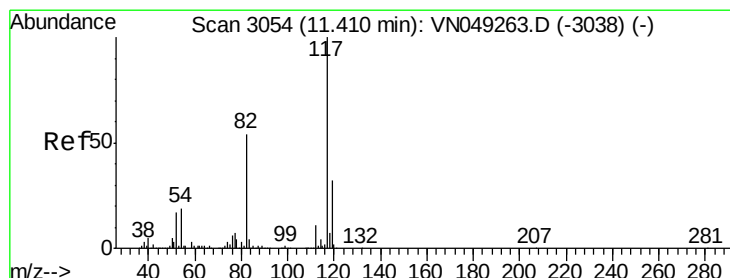
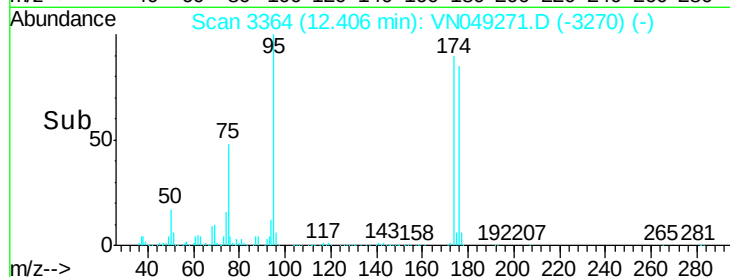
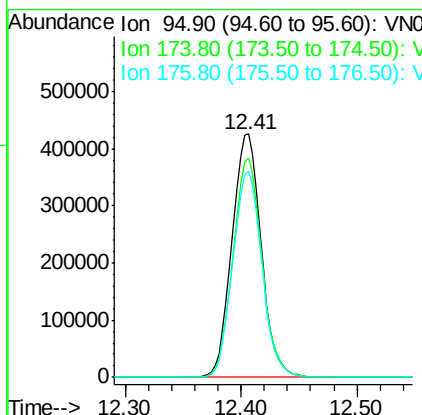
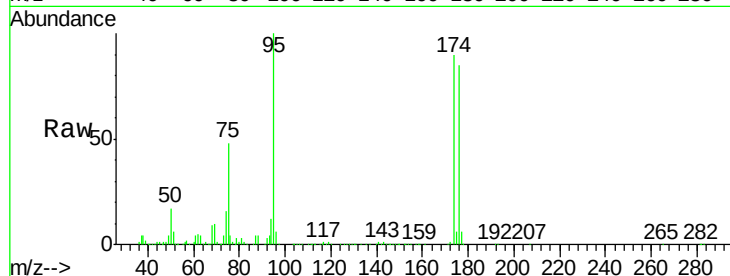




#62
4-Bromofluorobenzene
Concen: 32.79 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

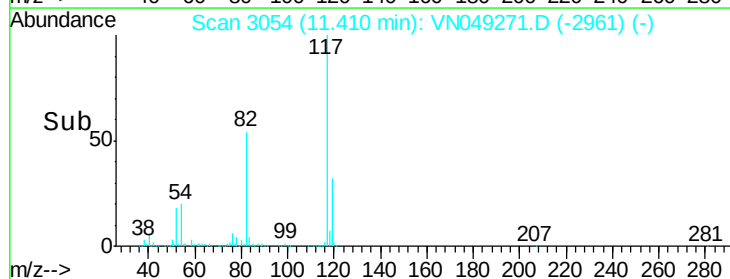
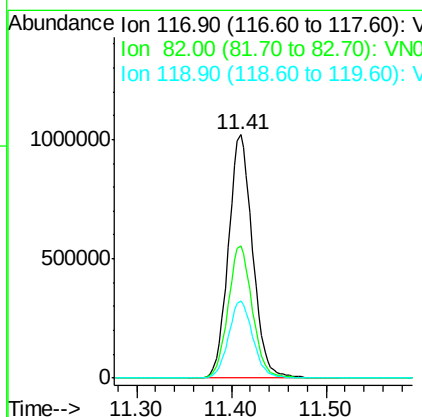
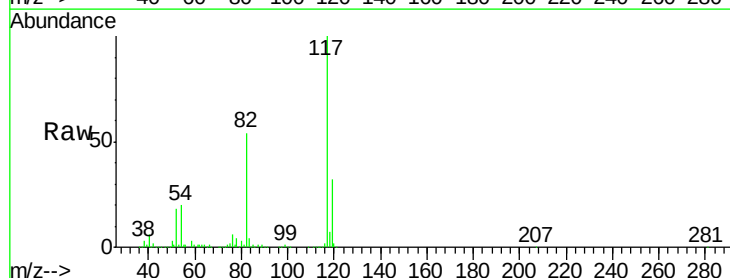
Instrument :
MSVOA_N
ClientSampleId :
PB110255ZHE#02

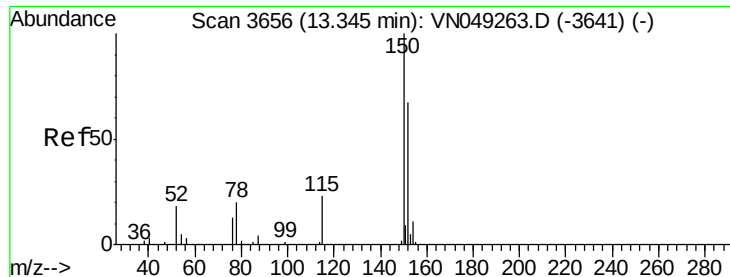
Tot Ion: 95 Resp: 737704
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.6
176 84.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049271.D
Acq: 15 Jun 2018 20:34

Tgt Ion: 117 Resp: 1808349
Ion Ratio Lower Upper
117 100
82 54.3 45.9 68.9
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

Instrument :

MSVOA_N

ClientSampleId :

PB110255ZHE#02

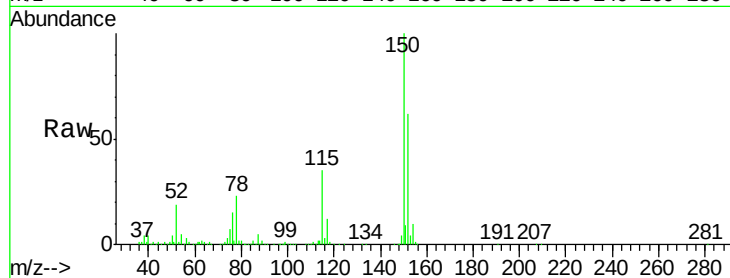
Tot Ion:152 Resp: 474640

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.1

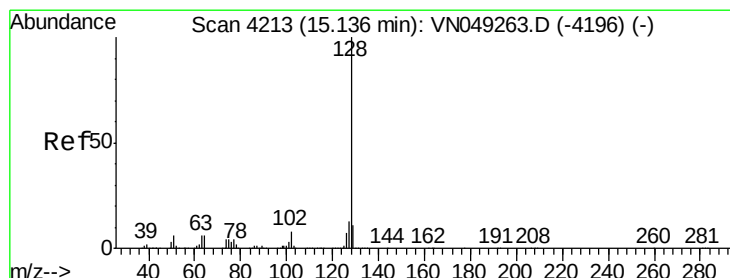
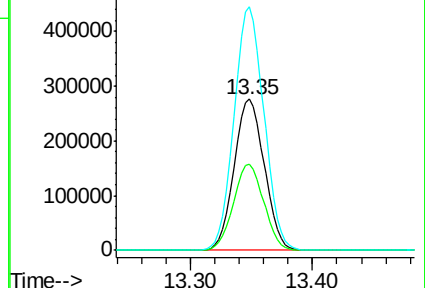
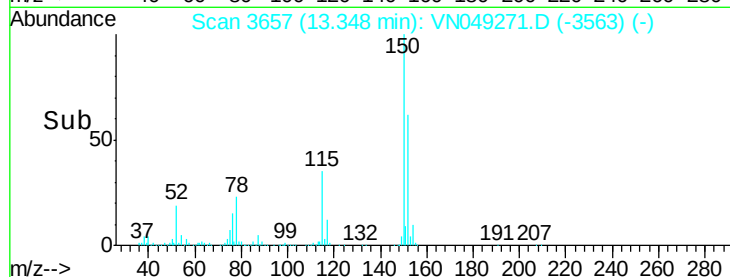
150 159.4 0.0 351.0



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: 2.62 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049271.D

Acq: 15 Jun 2018 20:34

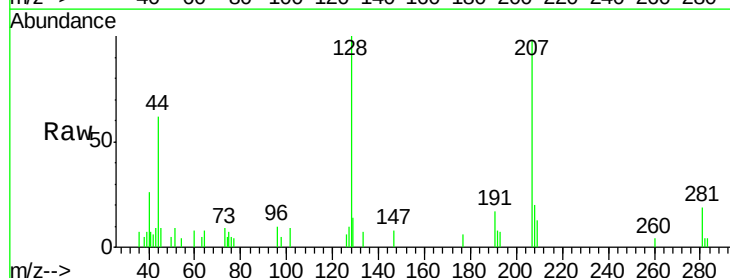
Tgt Ion:128 Resp: 7180

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 8.9 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

