

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049406.D
 Acq On : 20 Jun 2018 00:13
 Operator : MD\SY
 Sample : PB110363ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#18

Quant Time: Jun 20 05:47:59 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

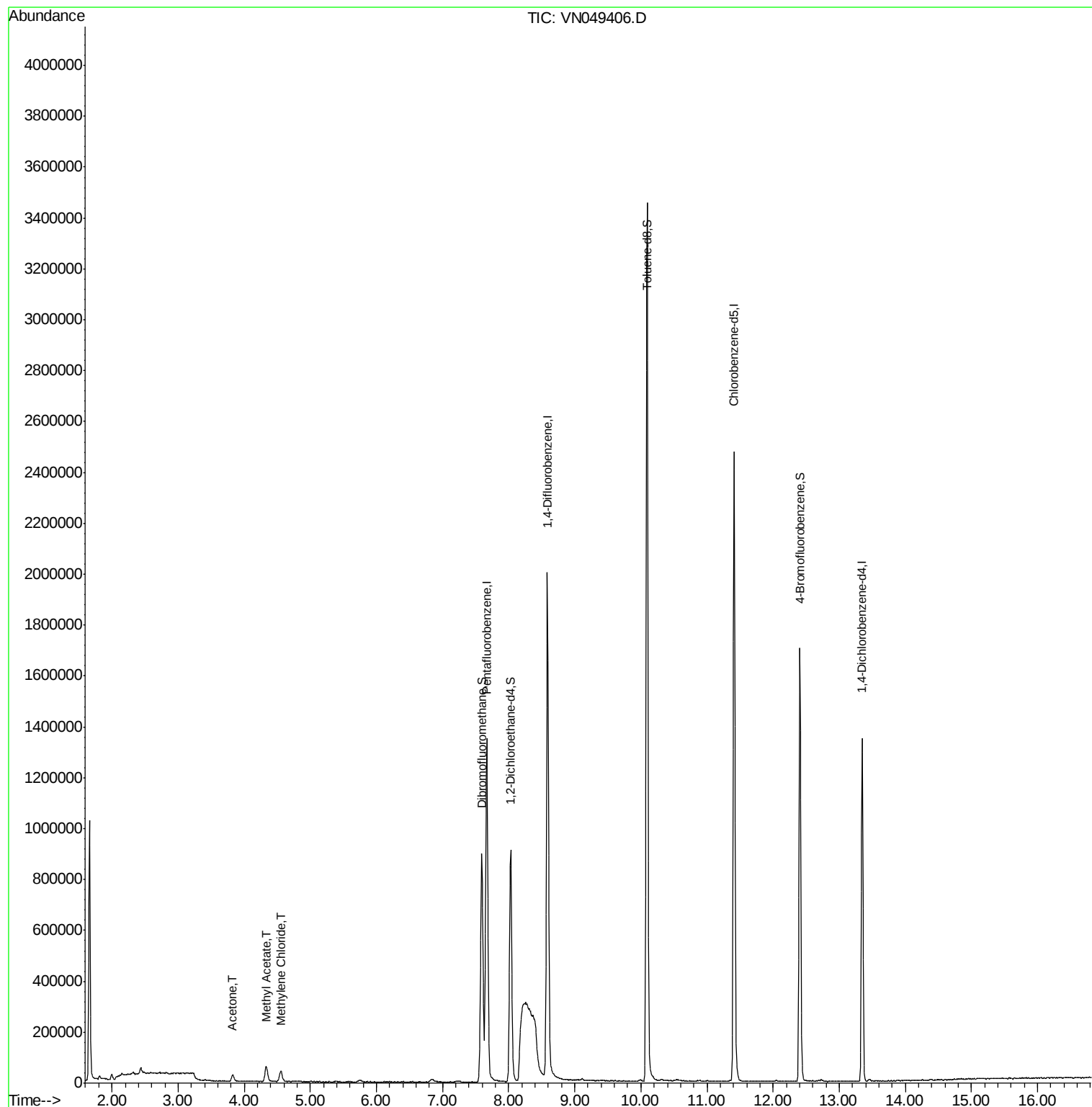
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1146197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1892972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1528689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	806563	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	705102	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
50) Toluene-d8	10.09	98	2544563	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
62) 4-Bromofluorobenzene	12.41	95	607671	31.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.04%	
Target Compounds						
16) Acetone	3.82	43	43176	11.697	ug/l	94
18) Methyl Acetate	4.33	43	115765	10.286	ug/l	95
20) Methylene Chloride	4.55	84	30257	1.963	ug/l	94

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049406.D

Acq: 20 Jun 2018 00:13

Instrument :

MSVOA_N

ClientSampleId :

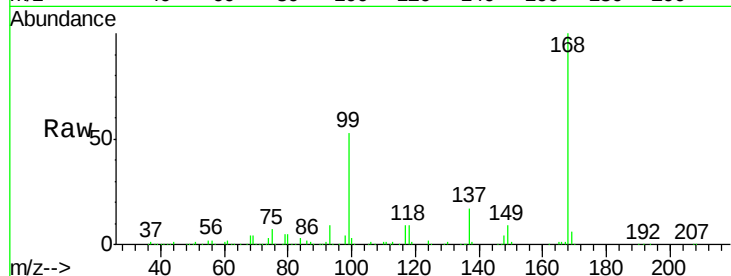
PB110363ZHE#18

Tot Ion:168 Resp: 1146197

Ion Ratio Lower Upper

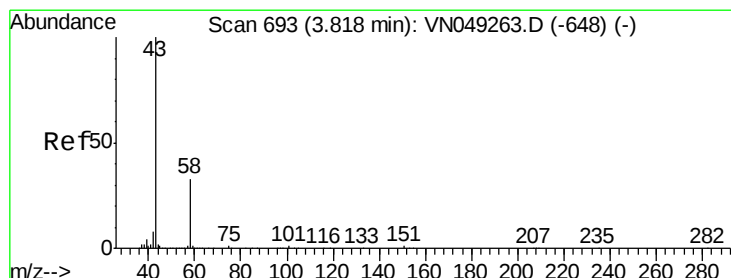
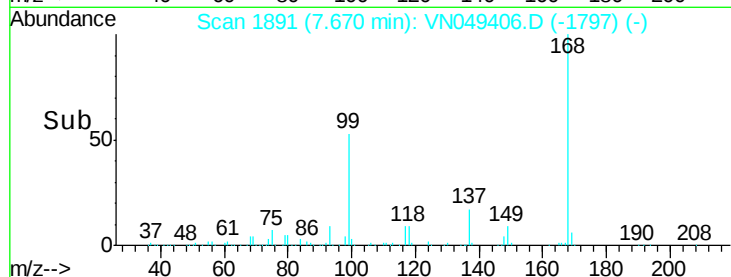
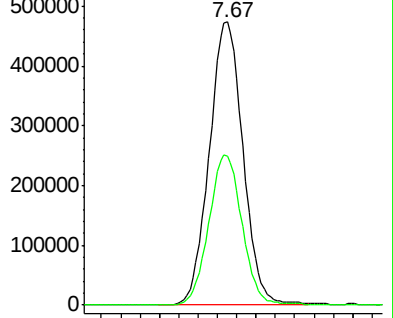
168 100

99 52.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.697 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049406.D

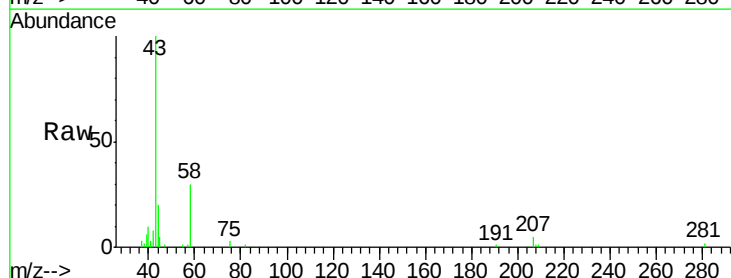
Acq: 20 Jun 2018 00:13

Tgt Ion: 43 Resp: 43176

Ion Ratio Lower Upper

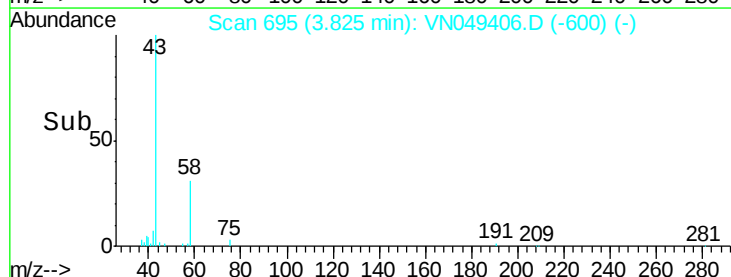
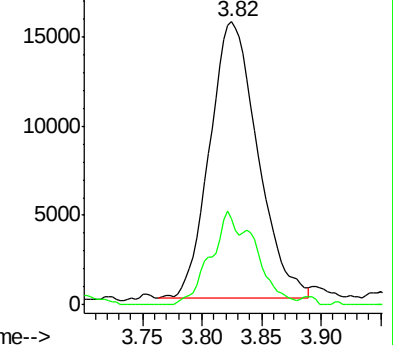
43 100

58 31.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

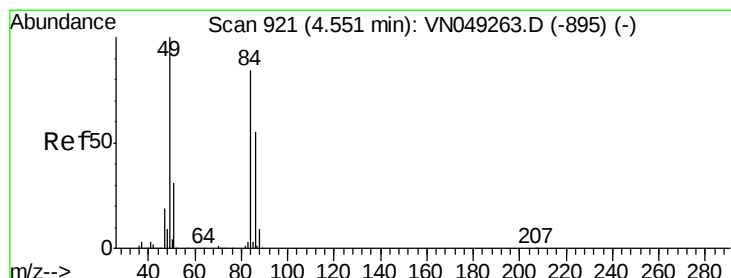
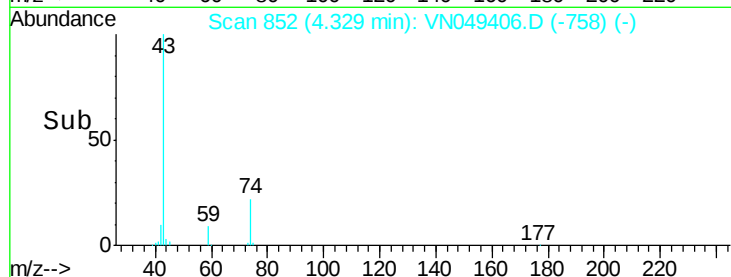
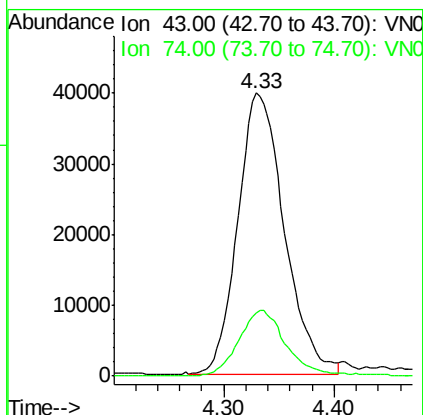
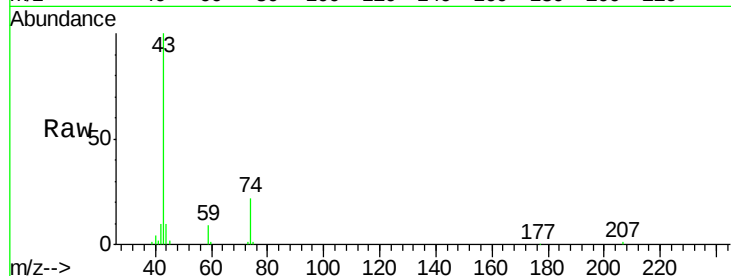




#18
Methvl Acetate
Concen: 10.286 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

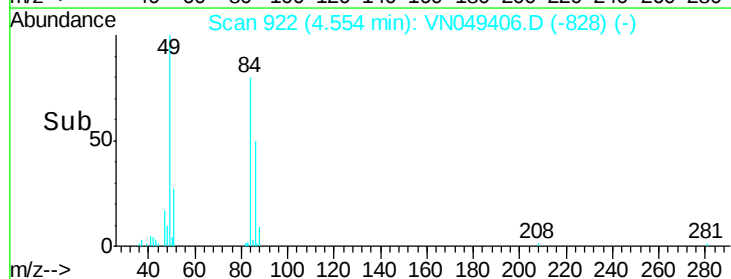
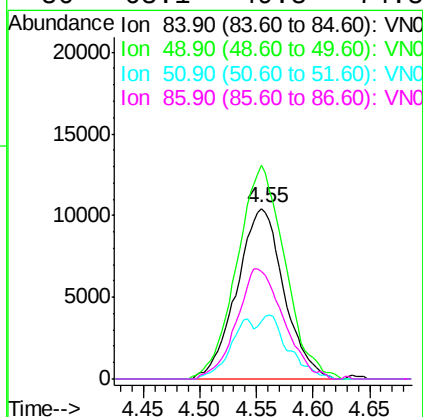
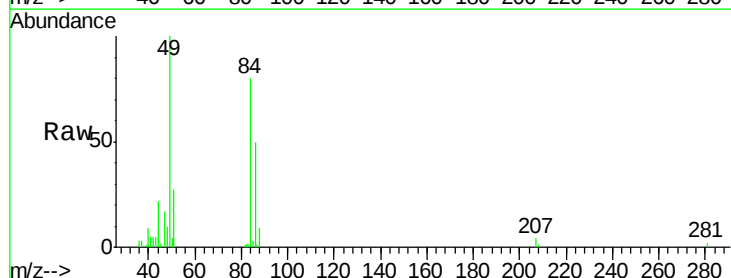
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#18

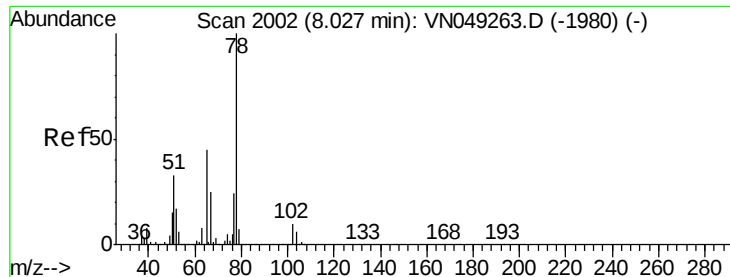
Tot Ion: 43 Resp: 115765
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 1.963 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

Tgt Ion: 84 Resp: 30257
Ion Ratio Lower Upper
84 100
49 125.2 106.9 160.3
51 33.6 32.7 49.1
86 63.1 49.8 74.8

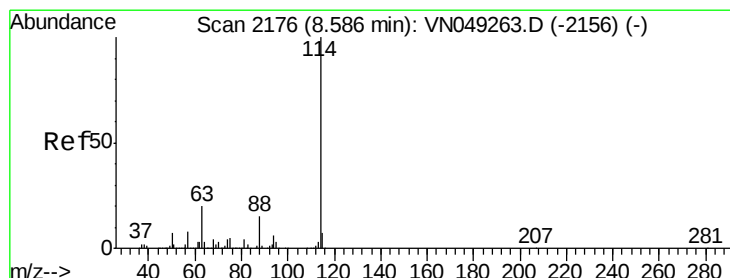
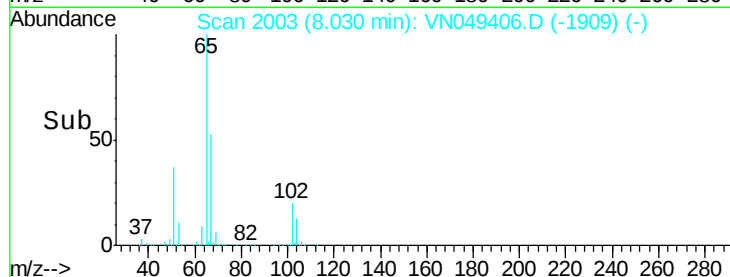
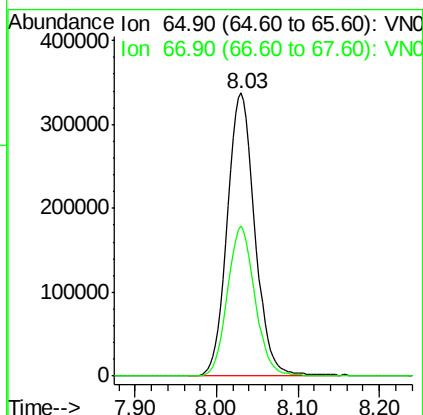
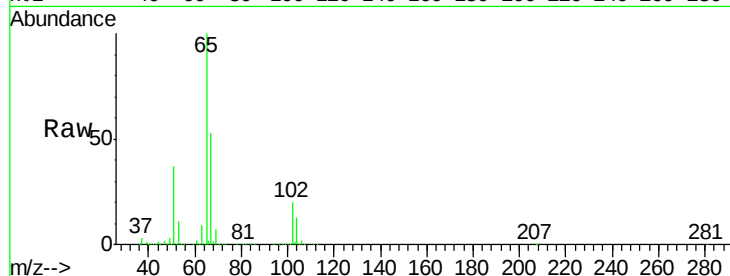




#33
 1,2-Dichloroethane-d4
 Concen: 53.055 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049406.D
 Acq: 20 Jun 2018 00:13

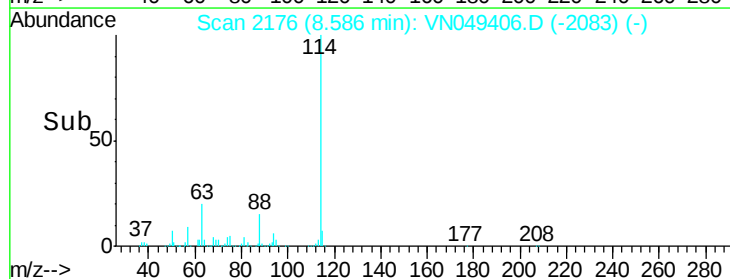
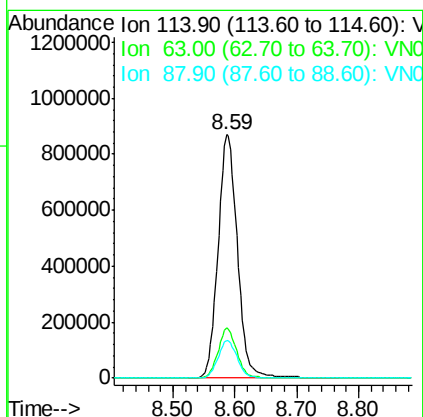
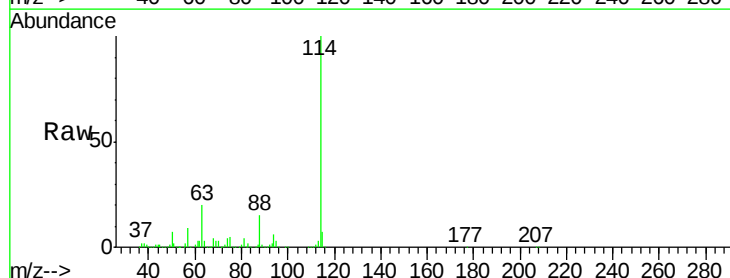
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#18

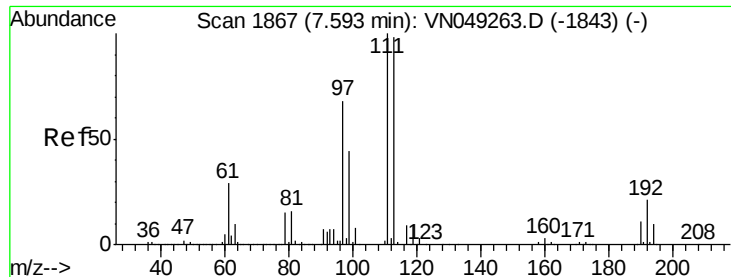
Tot Ion: 65 Resp: 806563
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049406.D
 Acq: 20 Jun 2018 00:13

Tgt Ion: 114 Resp: 1892972
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 44.4
 88 15.4 0.0 31.4

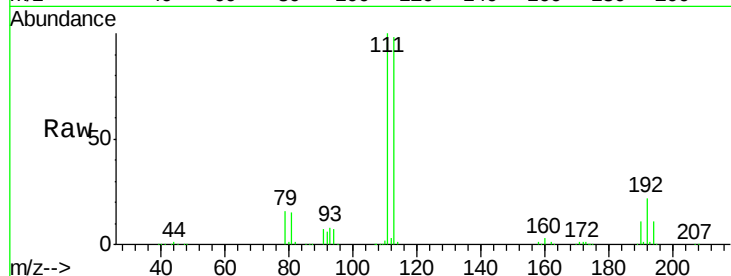




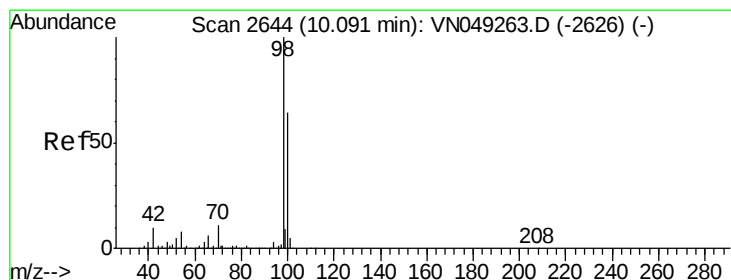
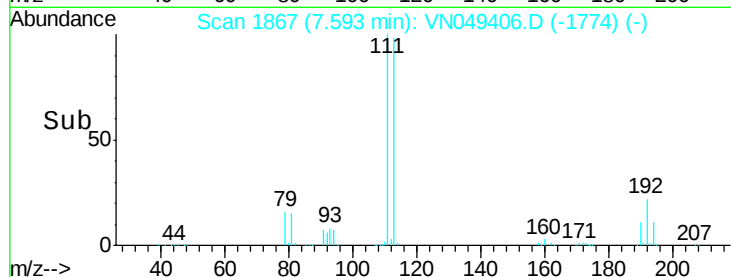
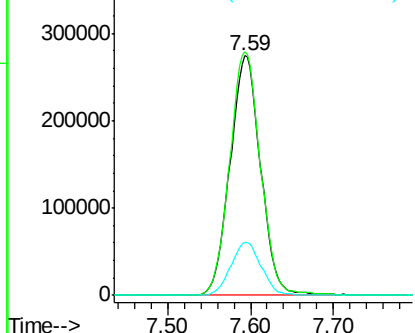
#35
Dibromofluoromethane
Concen: 46.040 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#18

Tot Ion:113 Resp: 705102
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 22.1 15.0 22.6

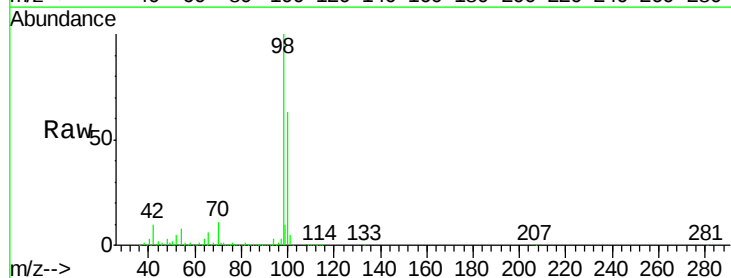


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

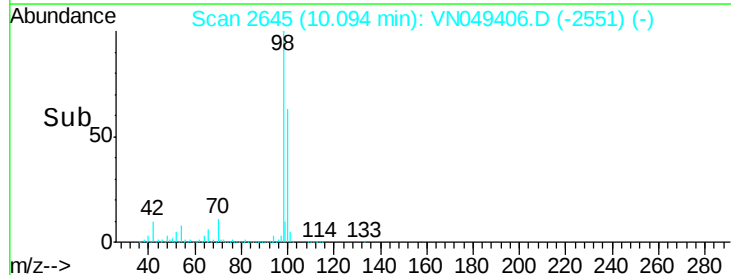
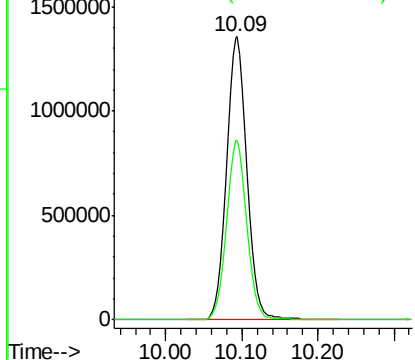


#50
Toluene-d8
Concen: 43.635 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

Tgt Ion: 98 Resp: 2544563
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

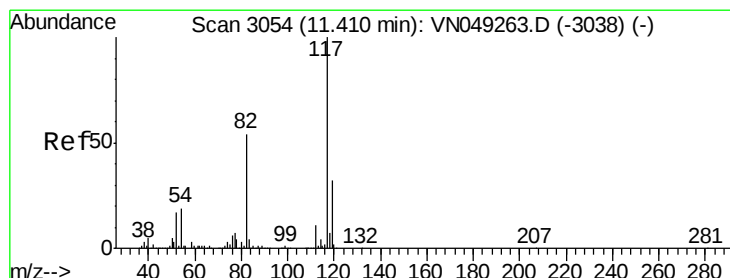
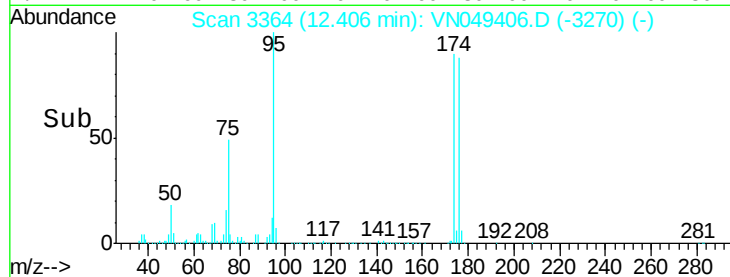
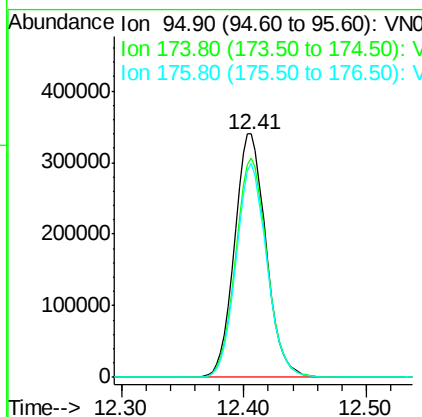
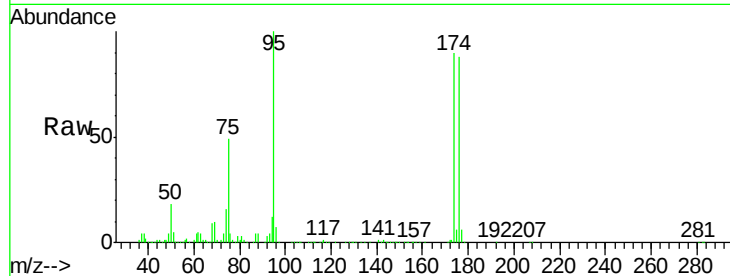




#62
4-Bromofluorobenzene
Concen: 31.515 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

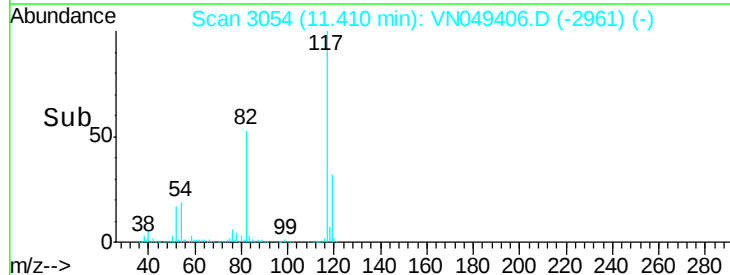
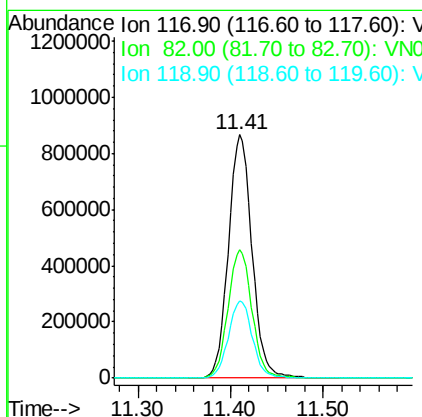
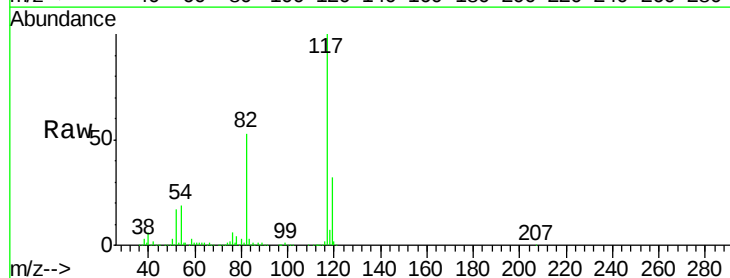
Instrument :
MSVOA_N
ClientSampleId :
PB110363ZHE#18

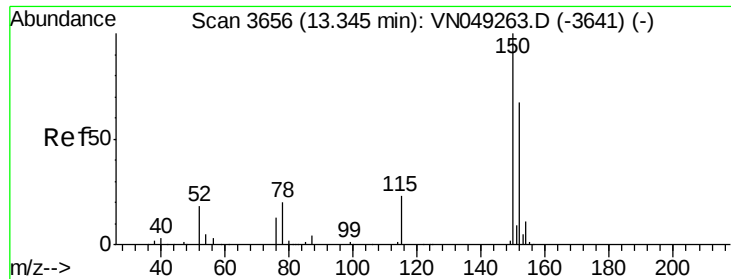
Tot Ion: 95 Resp: 607671
Ion Ratio Lower Upper
95 100
174 89.9 0.0 165.6
176 85.5 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049406.D
Acq: 20 Jun 2018 00:13

Tgt Ion: 117 Resp: 1528689
Ion Ratio Lower Upper
117 100
82 52.9 45.9 68.9
119 31.6 25.5 38.3



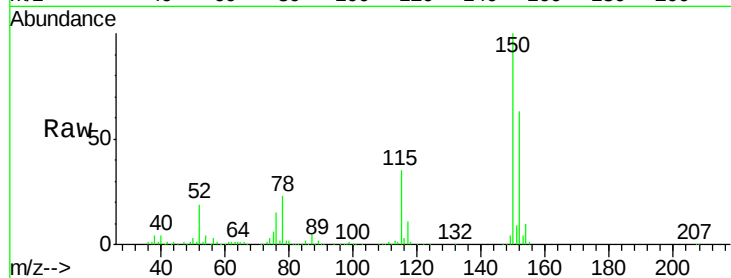


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3657
 Delta R.T. 0.00 min
 Lab File: VN049406.D
 Acq: 20 Jun 2018 00:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110363ZHE#18

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.7	86.1
150	158.1	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

