

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052256.D
 Acq On : 12 Nov 2018 12:31
 Operator : MD\SY
 Sample : PB114678TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

Quant Time: Nov 13 00:55:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

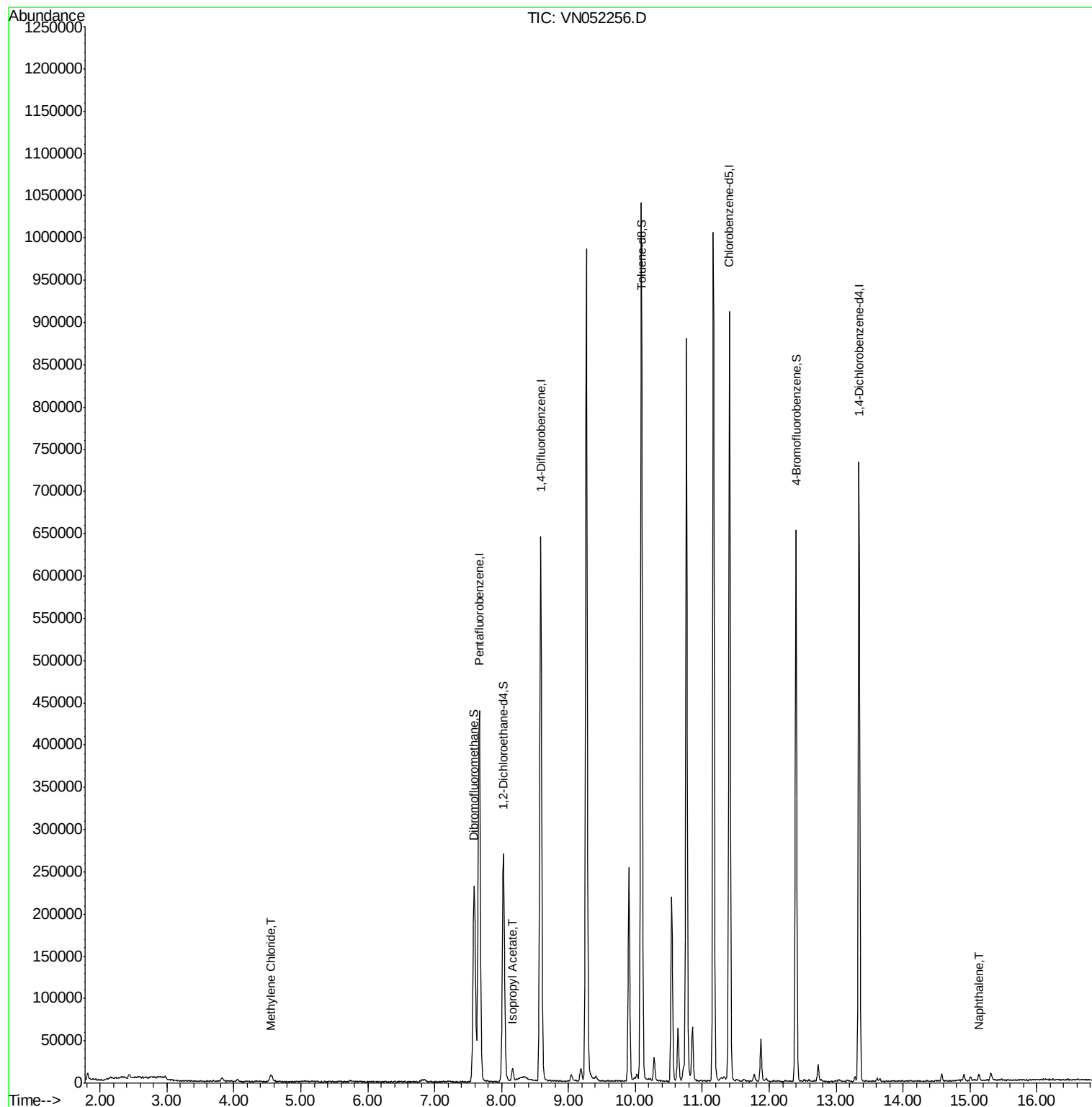
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	339050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180044	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	216733	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	7.59	113	175536	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
50) Toluene-d8	10.09	98	702014	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	210273	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	5363	1.269	ug/l	89
43) Isopropyl Acetate	8.16	43	18936	2.552	ug/l	99
95) Naphthalene	15.13	128	6013	1.054	ug/l	96

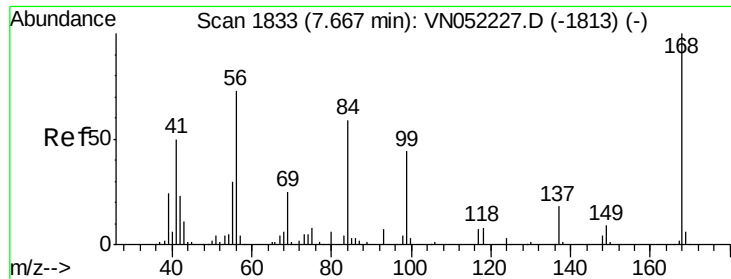
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

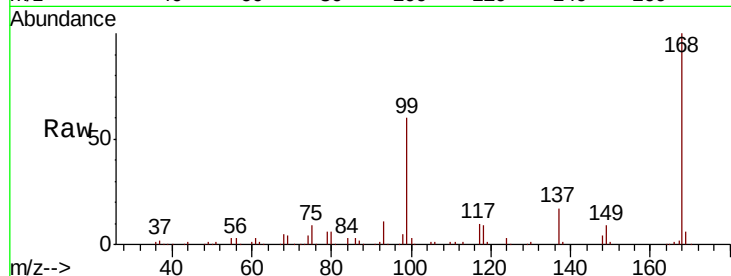
PB114678TB

Tot Ion:168 Resp: 339050

Ion Ratio Lower Upper

168 100

99 60.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

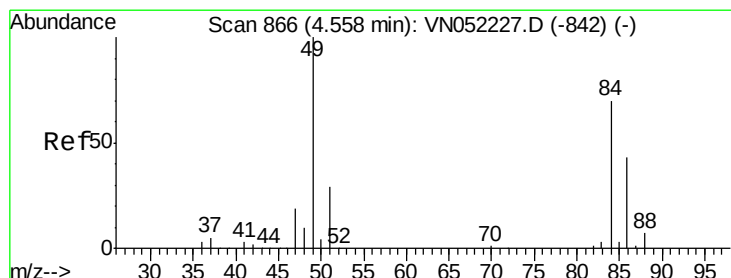
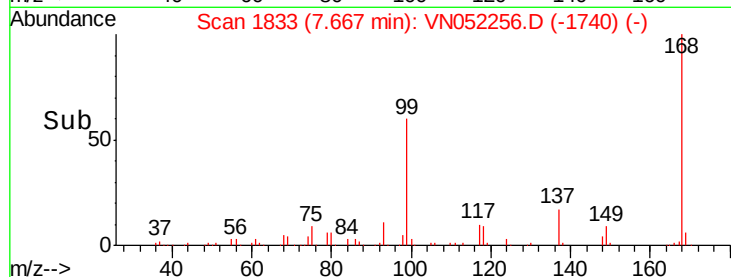
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.269 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Tgt Ion: 84 Resp: 5363

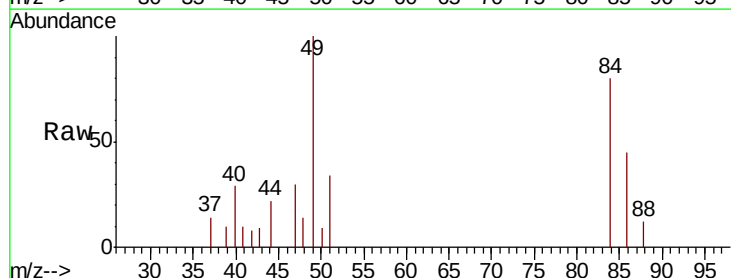
Ion Ratio Lower Upper

84 100

49 125.4 114.8 172.2

51 42.0 33.1 49.7

86 55.9 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

3000

2500

2000

1500

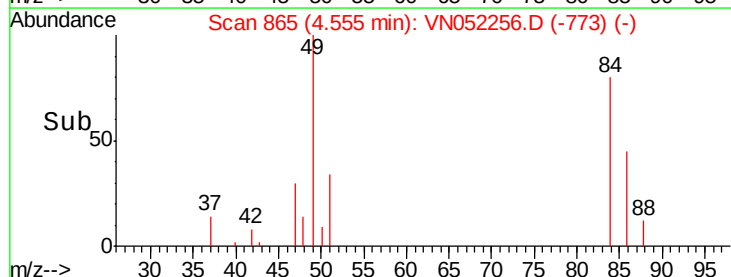
1000

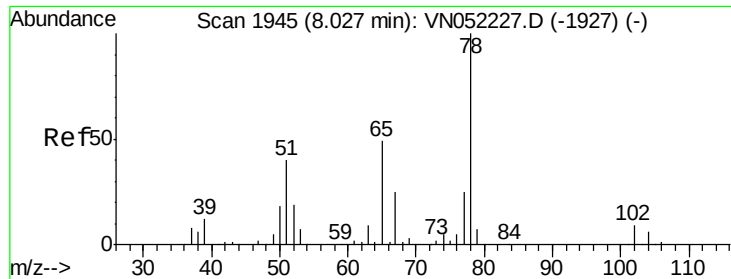
500

0

4.45 4.50 4.55 4.60 4.65

Time-->

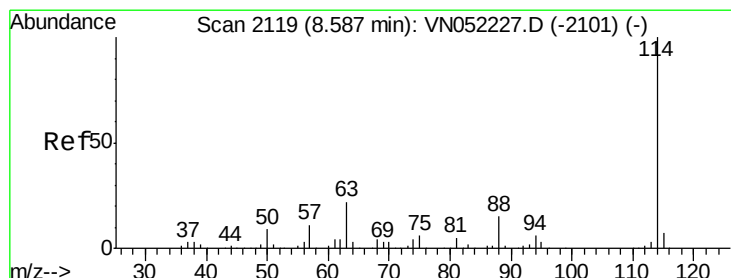
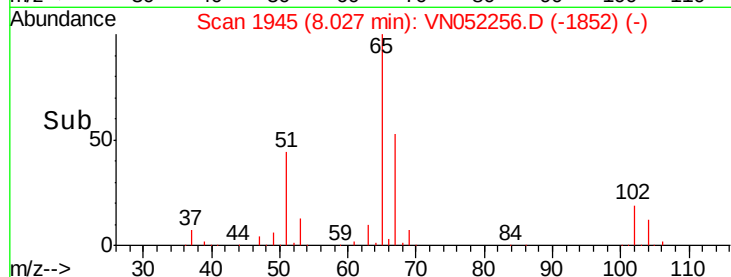
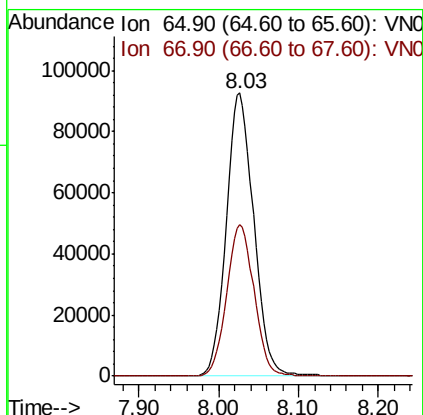
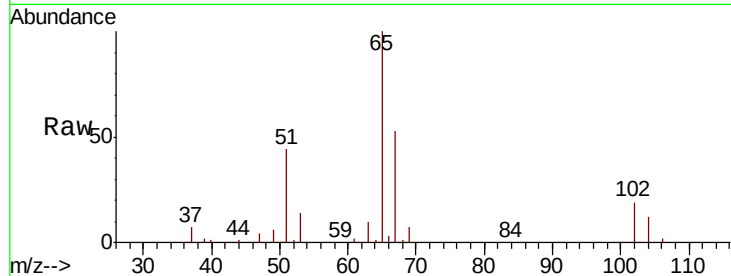




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

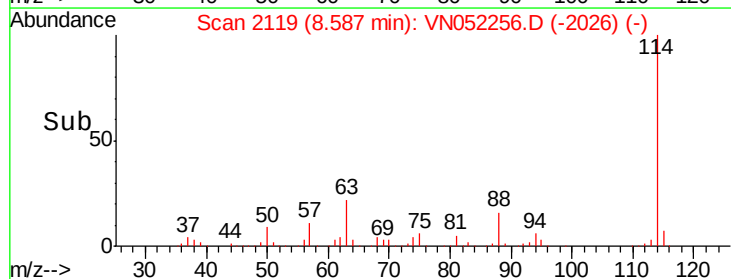
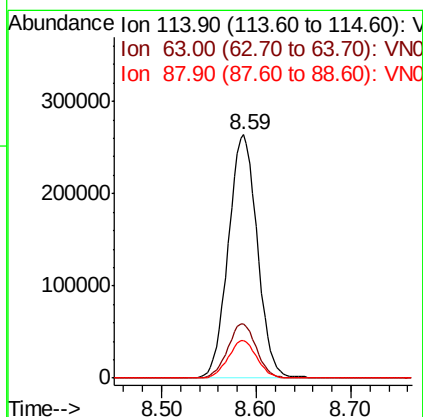
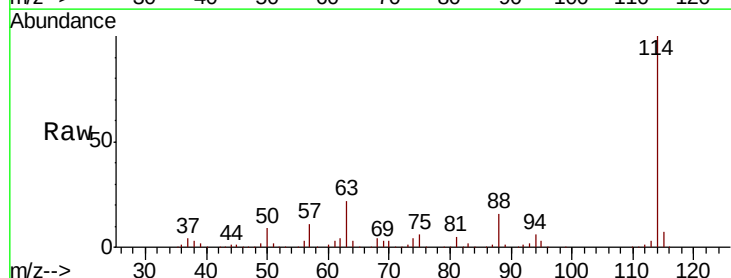
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

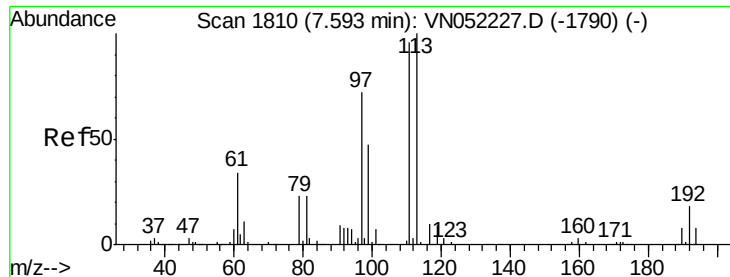
Tot Ion: 65 Resp: 216733
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Tgt Ion: 114 Resp: 560730
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 15.6 0.0 30.2

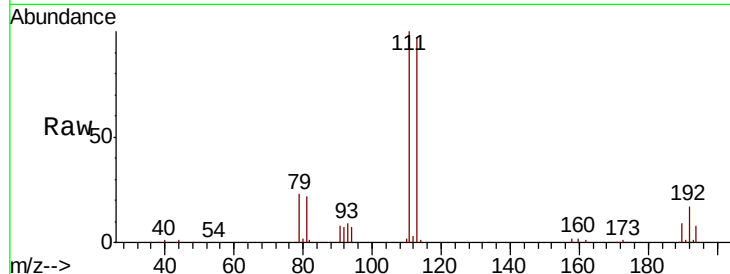




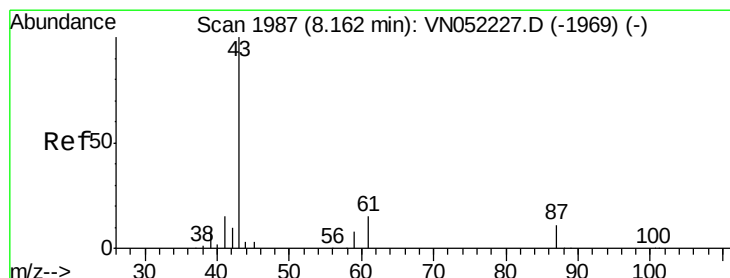
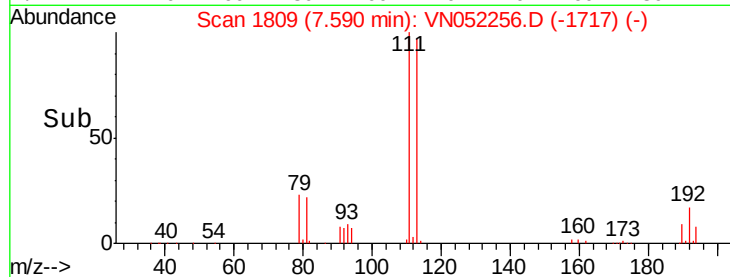
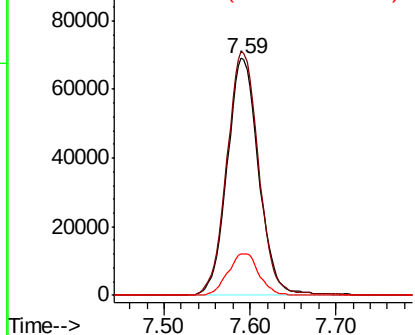
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

Tot Ion:113 Resp: 175536
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.2 120.4
 192 17.4 14.1 21.1

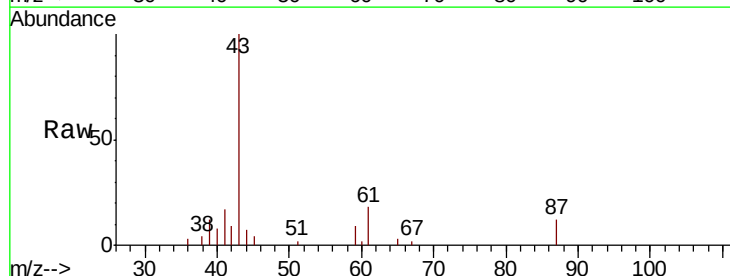


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

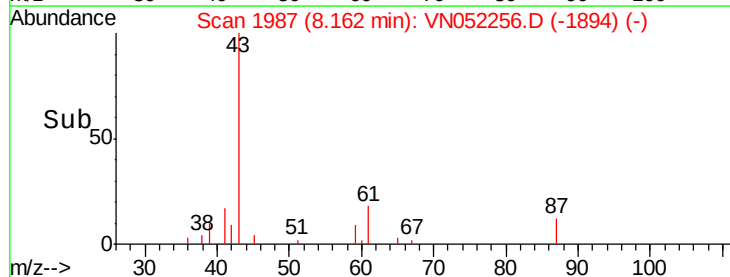
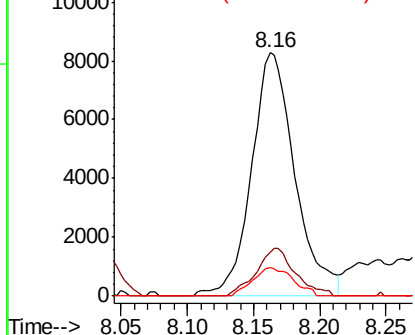


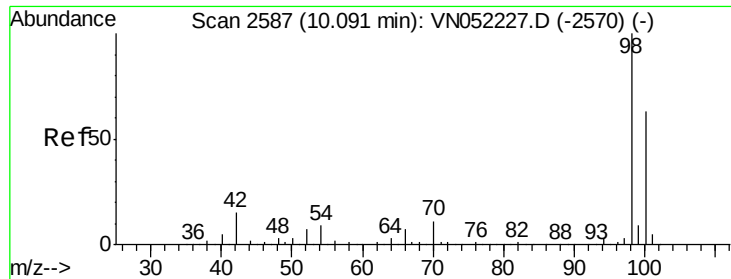
#43
 Isopropyl Acetate
 Concen: 2.552 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Tgt Ion: 43 Resp: 18936
 Ion Ratio Lower Upper
 43 100
 61 17.6 14.2 21.4
 87 11.0 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO

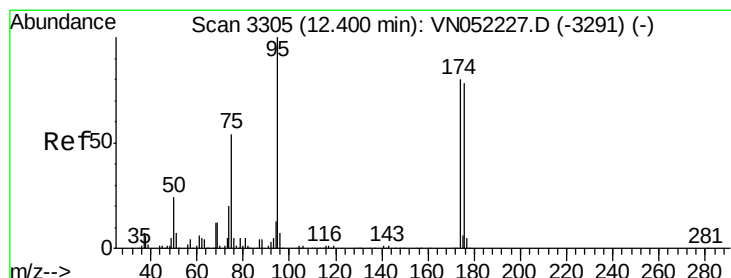
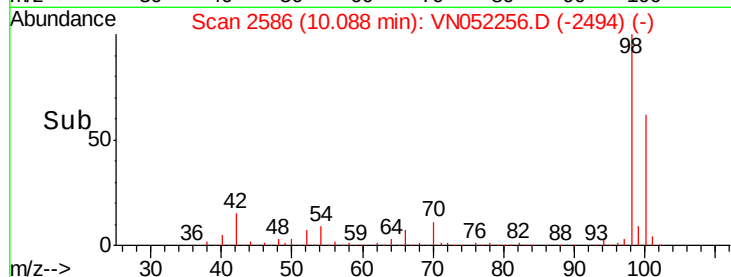
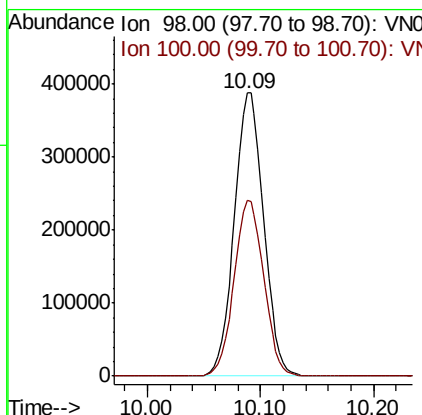
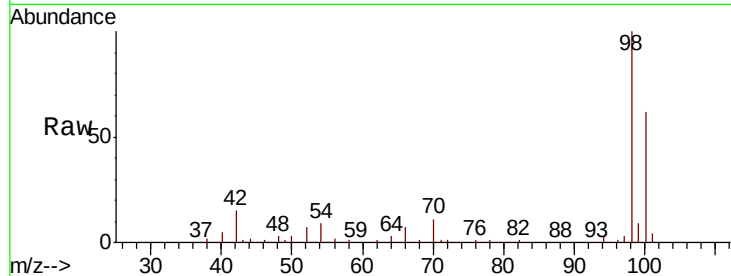




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

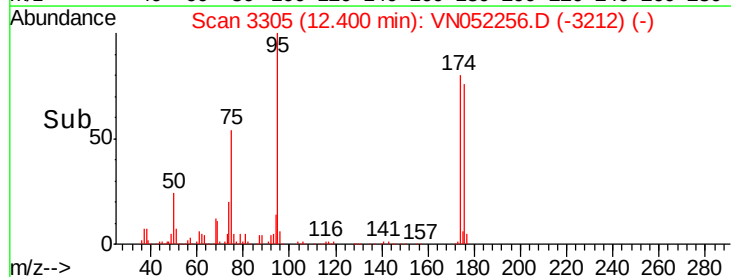
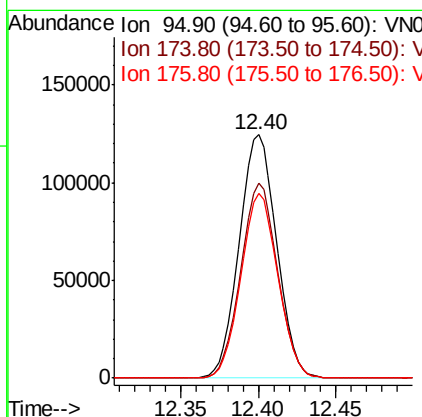
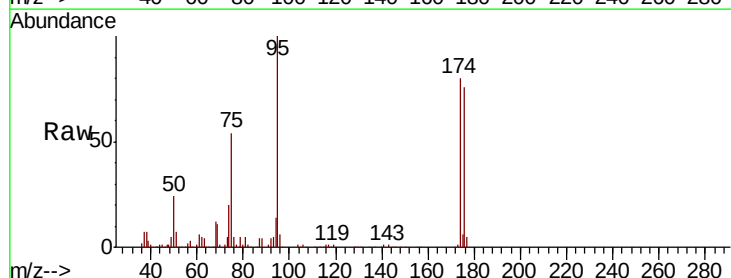
Instrument :
MSVOA_N
ClientSampleId :
PB114678TB

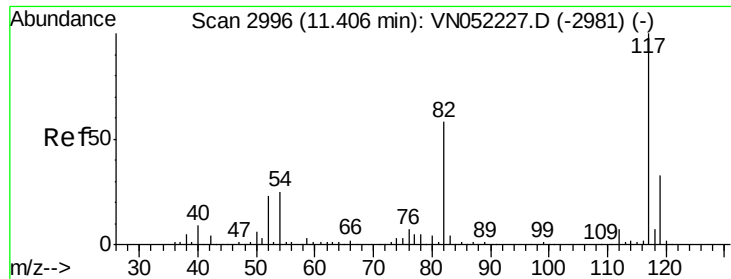
Tot Ion: 98 Resp: 702014
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion: 95 Resp: 210273
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 74.8 0.0 157.8

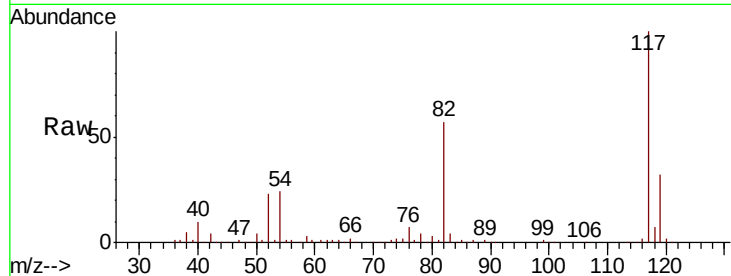




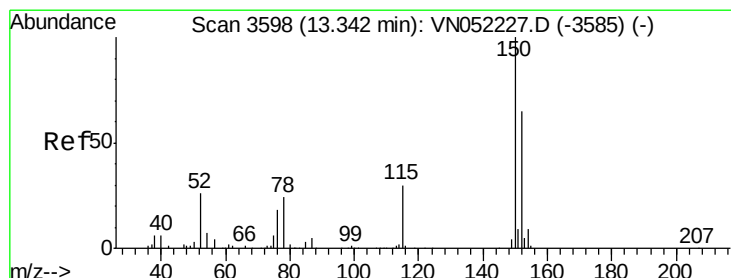
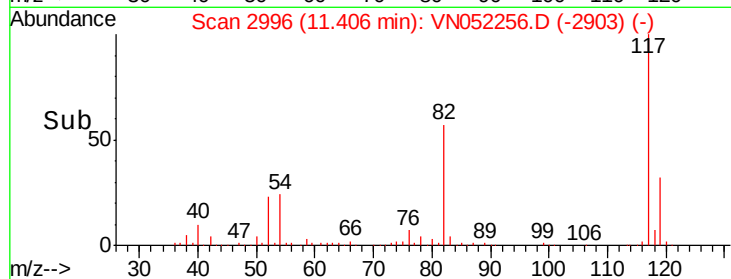
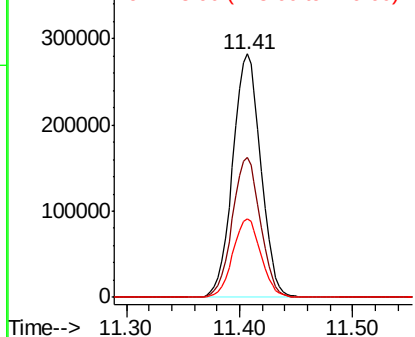
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB114678TB

Tot Ion:117 Resp: 487288
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.2
119 32.3 26.2 39.4

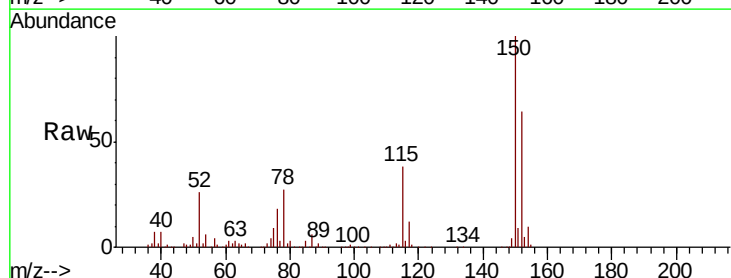


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

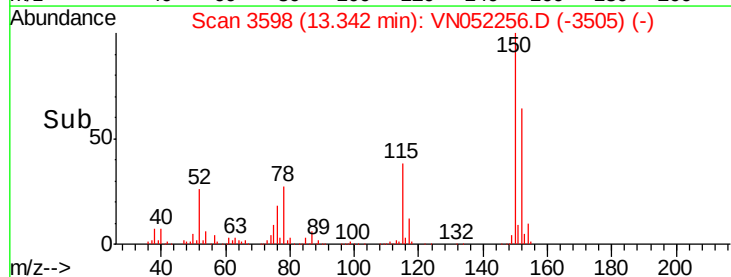
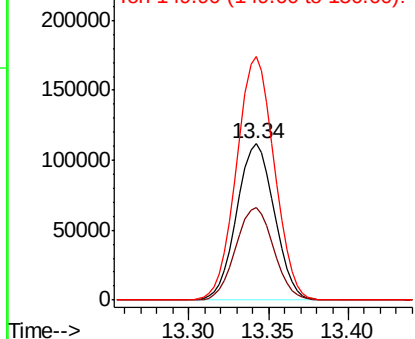


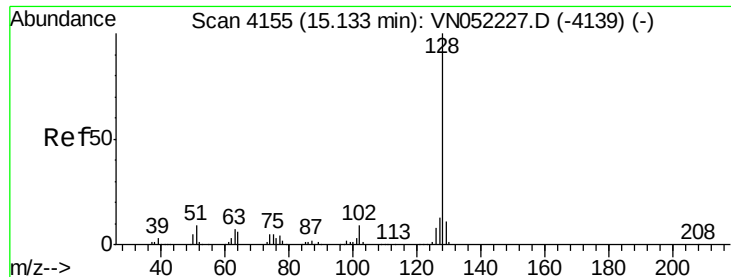
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion:152 Resp: 180044
Ion Ratio Lower Upper
152 100
115 59.4 29.8 89.5
150 155.7 0.0 350.2



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: 1.054 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB114678TB

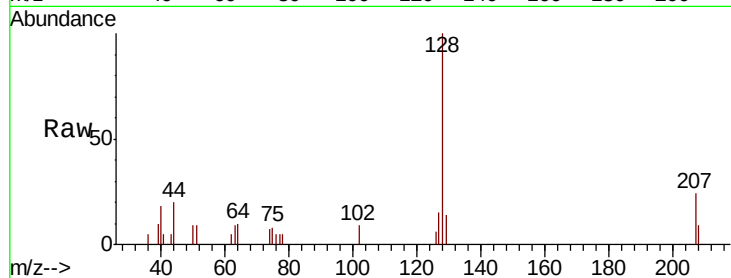
Tot Ion:128 Resp: 6013

Ion Ratio Lower Upper

128 100

127 11.4 10.6 16.0

129 12.5 8.7 13.1



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

