

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052809.D
 Acq On : 11 Dec 2018 18:22
 Operator : MD\SY
 Sample : PB115504ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#14

Quant Time: Dec 12 02:27:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

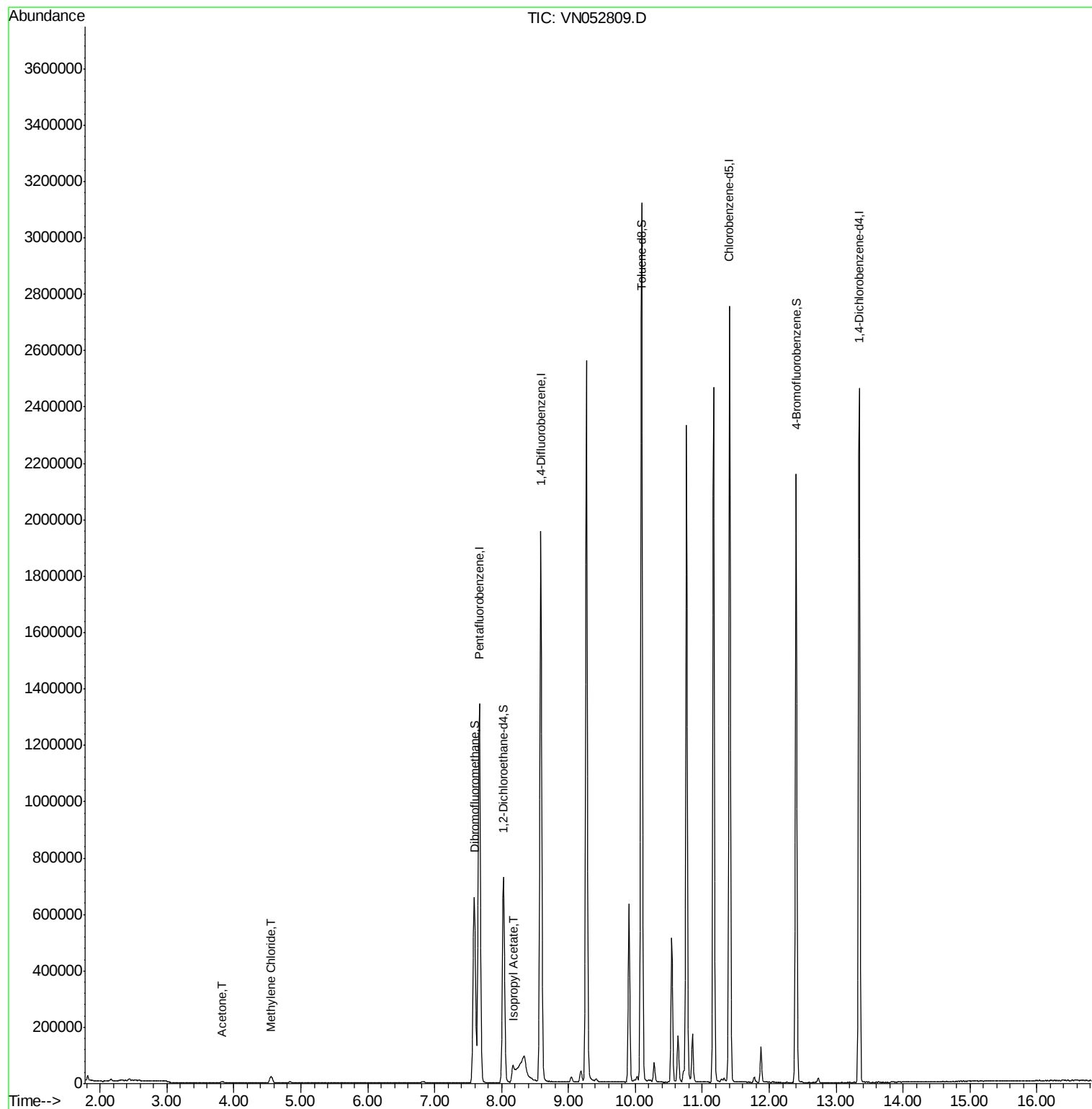
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1162474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1818856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1647804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	699743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	616516	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	516102	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	10.09	98	2232556	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	738193	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
Target Compounds						
16) Acetone	3.82	43	11564	3.464	ug/l	99
20) Methylene Chloride	4.55	84	17916	1.371	ug/l	95
43) Isopropyl Acetate	8.17	43	81162	4.575	ug/l #	71

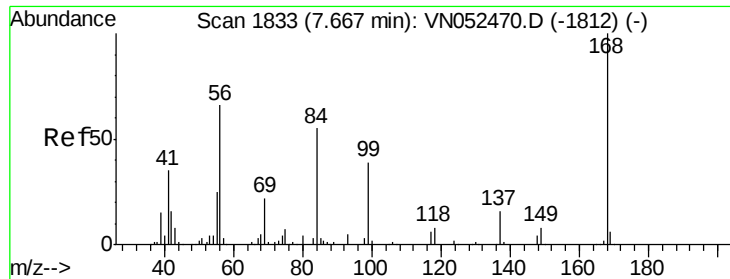
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121118\
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
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: VN052809.D

Acq: 11 Dec 2018 18:22

Instrument :

MSVOA_N

ClientSampleId :

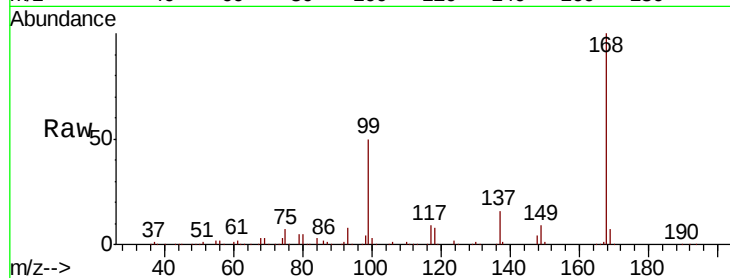
PB115504ZHE#14

Tot Ion:168 Resp: 1162474

Ion Ratio Lower Upper

168 100

99 49.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

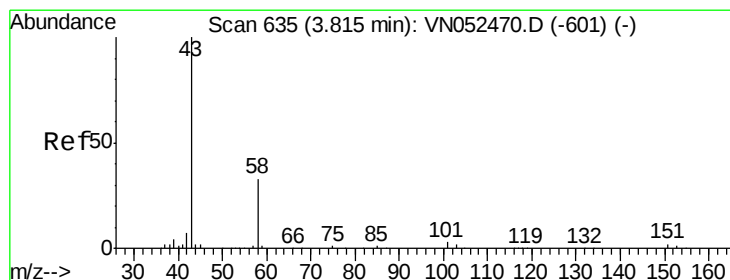
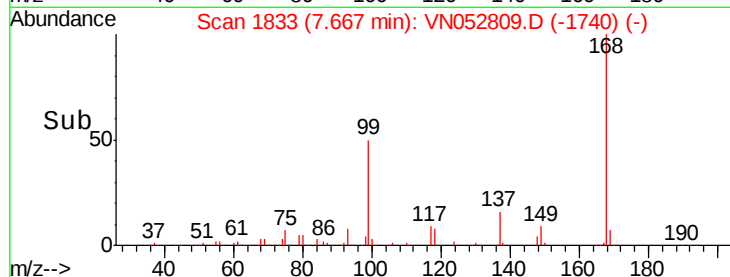
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.464 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052809.D

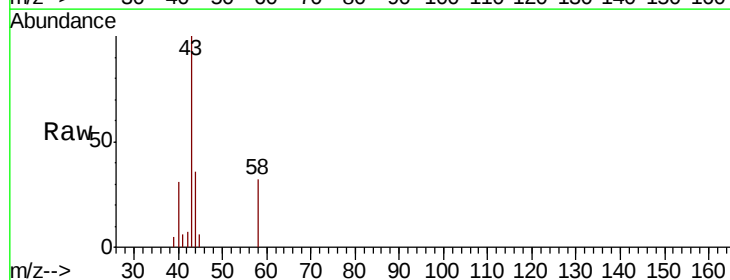
Acq: 11 Dec 2018 18:22

Tgt Ion: 43 Resp: 11564

Ion Ratio Lower Upper

43 100

58 31.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

4000

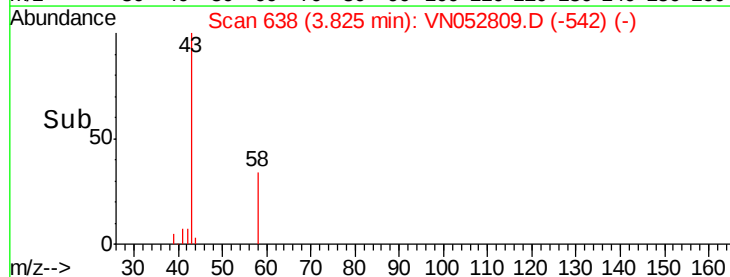
3000

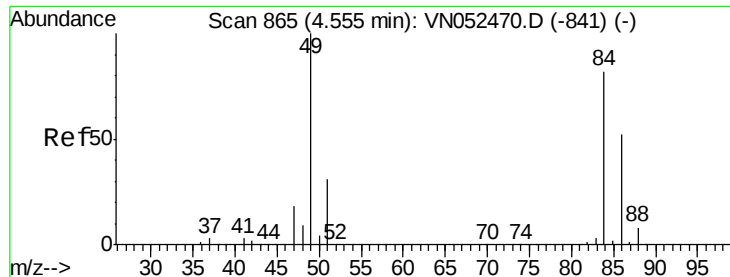
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 1.371 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052809.D

Acq: 11 Dec 2018 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#14

Tot Ion: 84 Resp: 17916

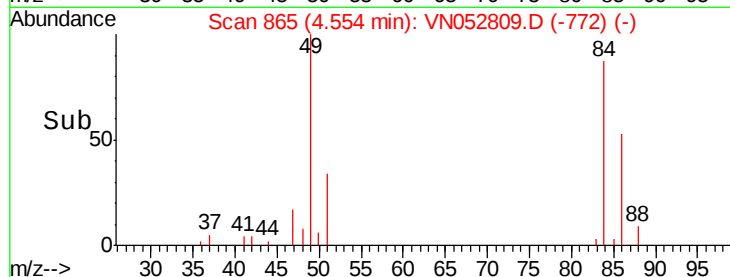
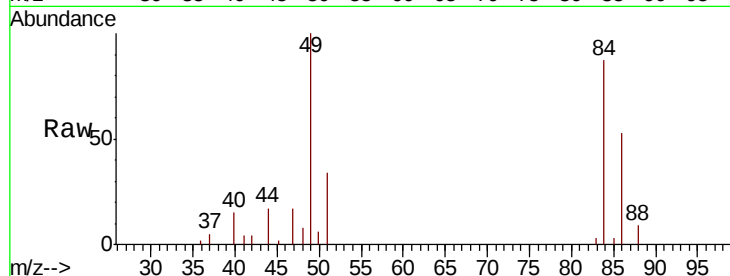
Ion Ratio Lower Upper

84 100

49 115.2 98.0 147.0

51 39.6 30.1 45.1

86 60.7 50.7 76.1



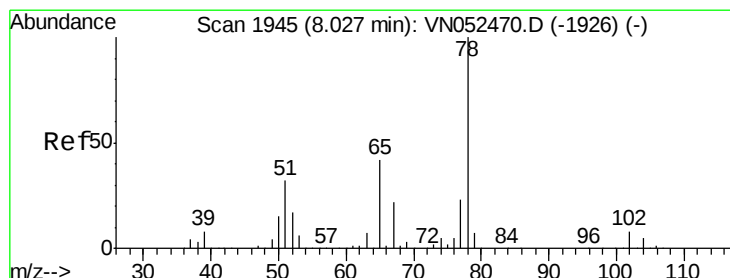
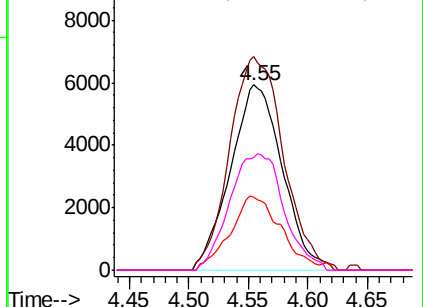
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052809.D

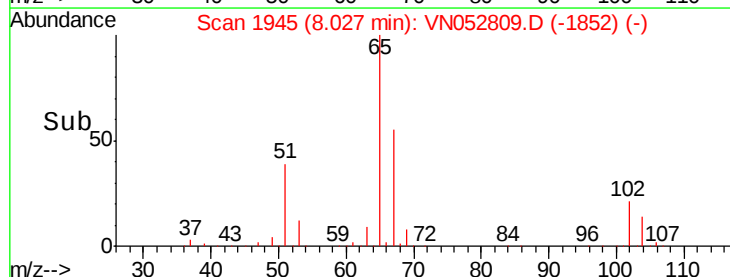
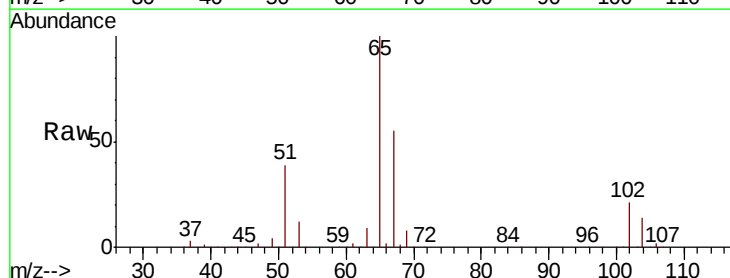
Acq: 11 Dec 2018 18:22

Tgt Ion: 65 Resp: 616516

Ion Ratio Lower Upper

65 100

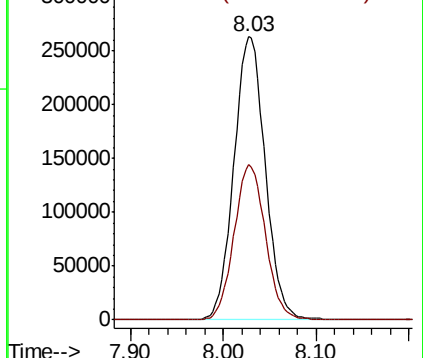
67 55.0 0.0 109.8

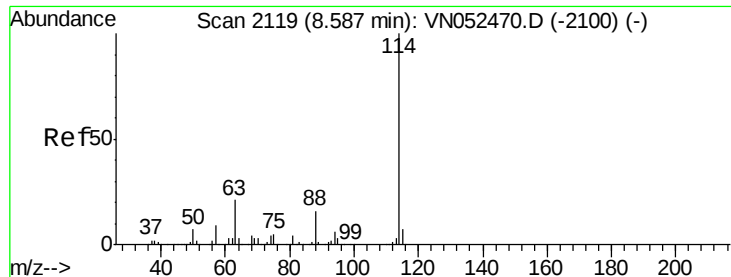


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



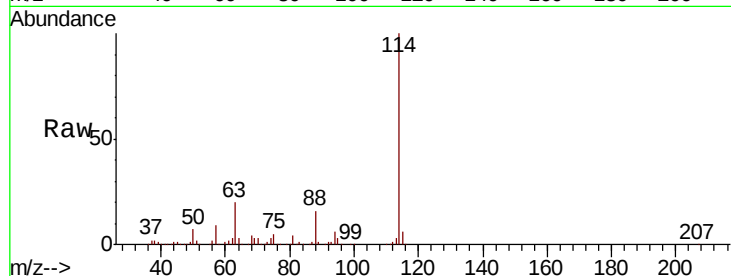


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052809.D
 Acq: 11 Dec 2018 18:22

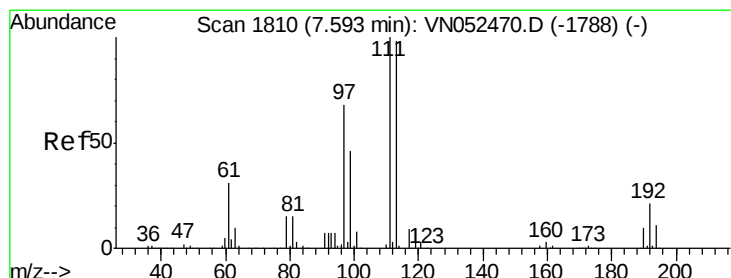
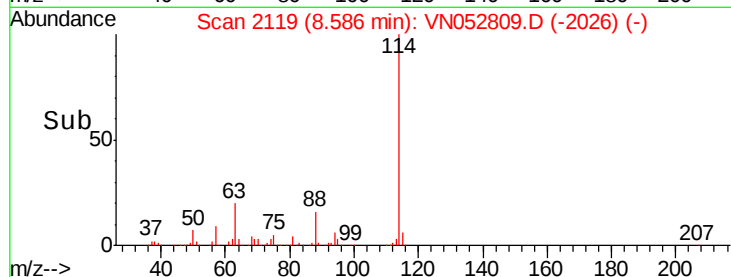
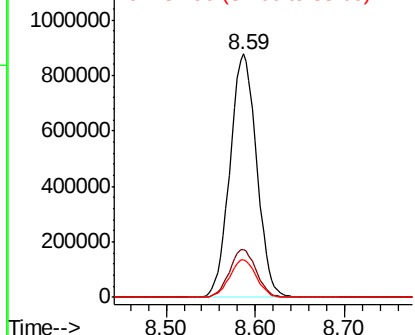
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#14

Tot Ion:114 Resp: 1818856

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.8
88	15.6	0.0	31.6



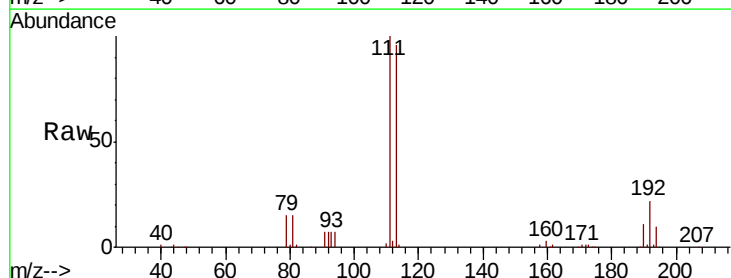
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



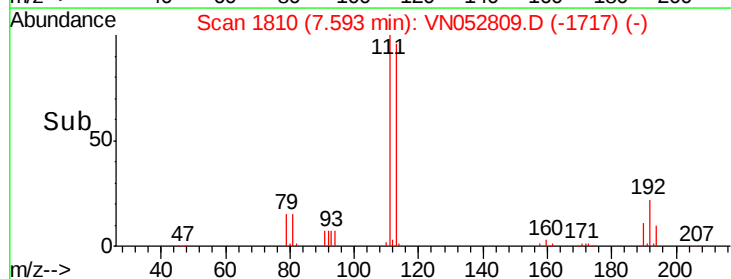
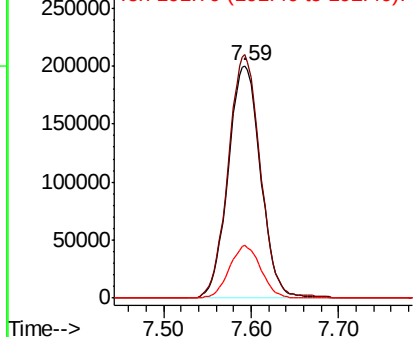
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052809.D
 Acq: 11 Dec 2018 18:22

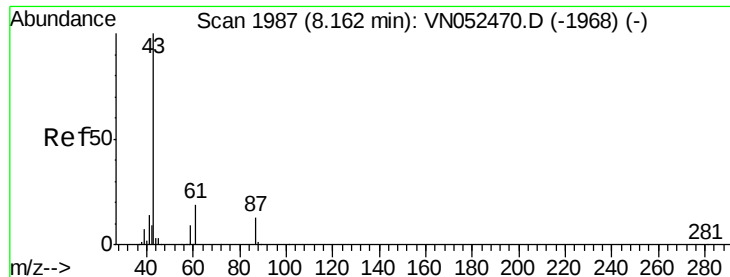
Tgt Ion:113 Resp: 516102

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	22.1	17.0	25.6



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





#43

Isopropyl Acetate

Concen: 4.575 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052809.D

Acq: 11 Dec 2018 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#14

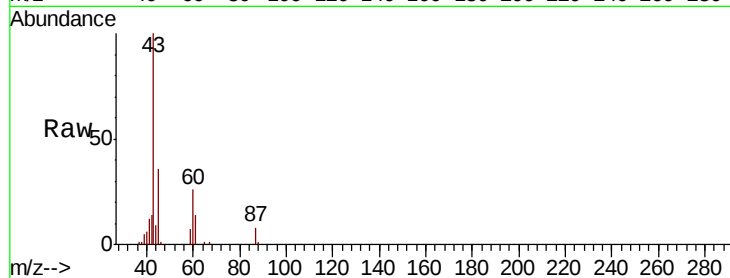
Tot Ion: 43 Resp: 81162

Ion Ratio Lower Upper

43 100

61 11.5 24.1 36.1#

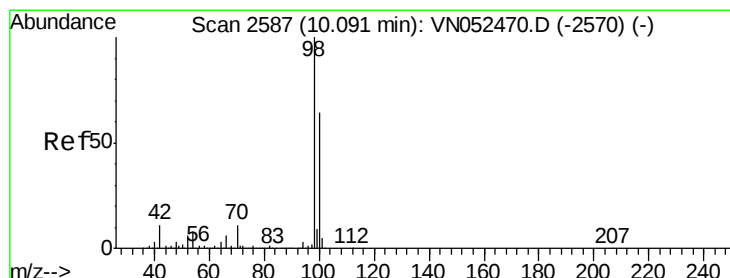
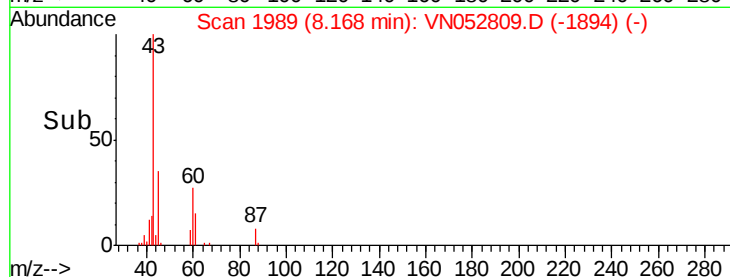
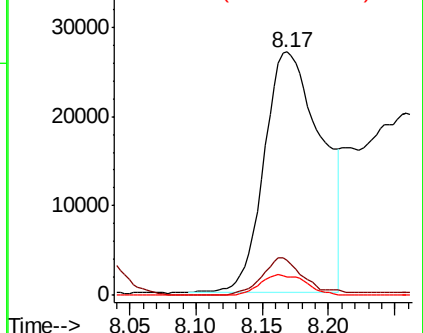
87 6.9 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052809.D

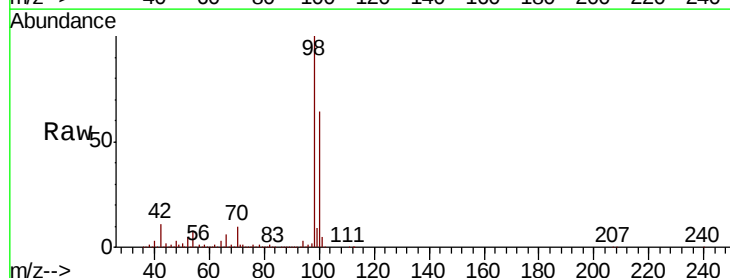
Acq: 11 Dec 2018 18:22

Tgt Ion: 98 Resp: 2232556

Ion Ratio Lower Upper

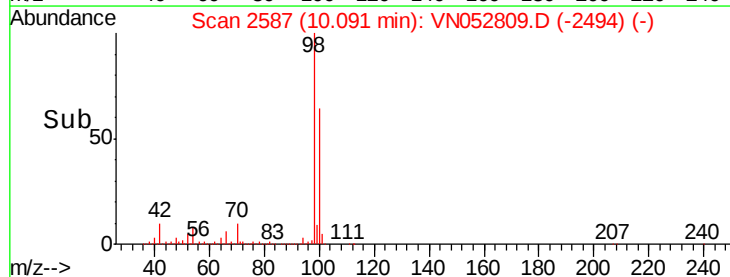
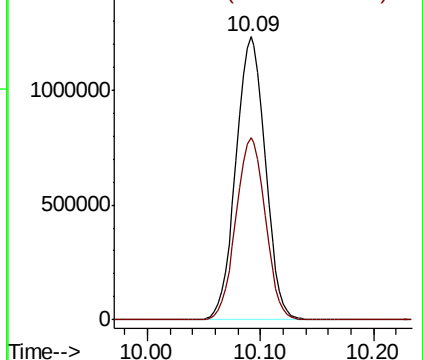
98 100

100 64.6 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052809.D

Acq: 11 Dec 2018 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#14

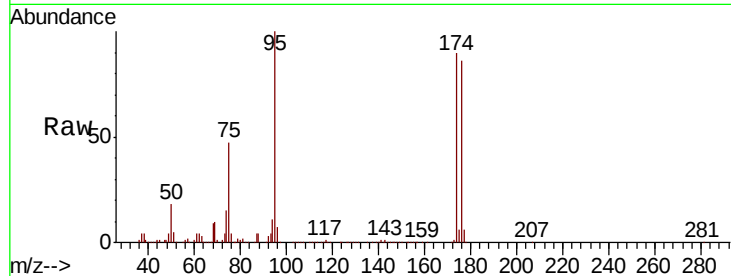
Tot Ion: 95 Resp: 738193

Ion Ratio Lower Upper

95 100

174 89.4 0.0 173.0

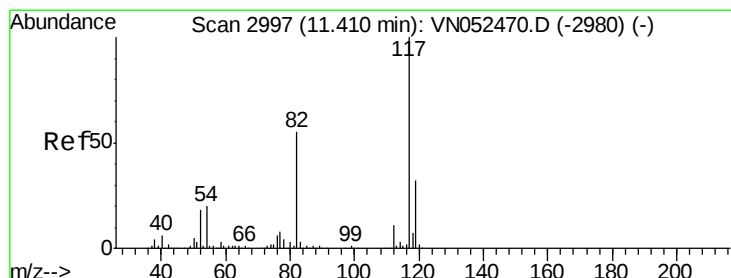
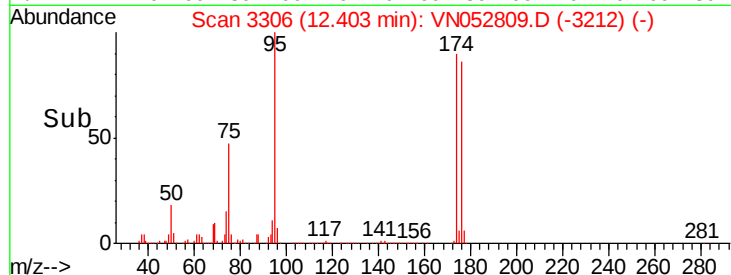
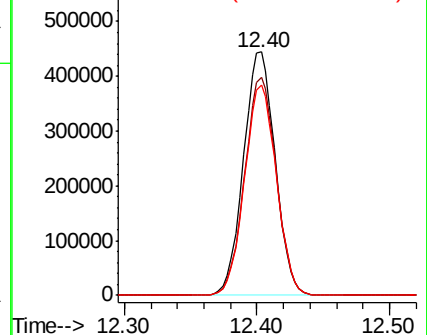
176 86.8 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052809.D

Acq: 11 Dec 2018 18:22

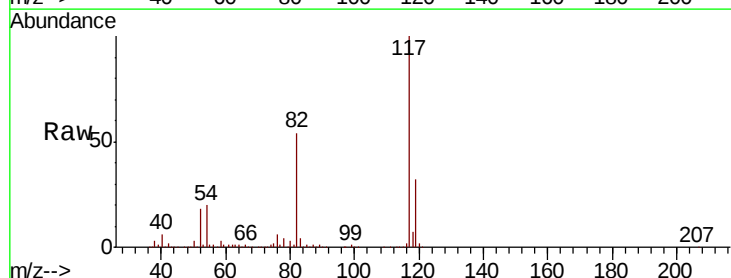
Tgt Ion: 117 Resp: 1647804

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

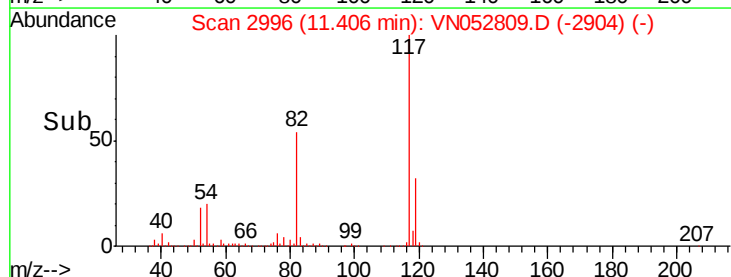
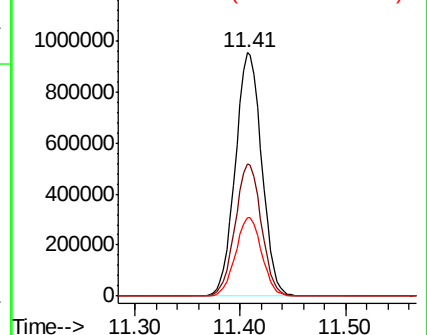
119 32.4 25.4 38.2

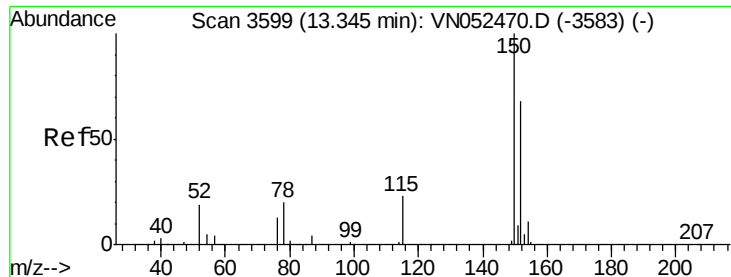


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052809.D

Acq: 11 Dec 2018 18:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#14

Tot Ion:152 Resp: 699743

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.2

150 155.8 0.0 346.0

