

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053264.D
 Acq On : 3 Jan 2019 16:04
 Operator : MD\SY
 Sample : PB116111ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#09

Quant Time: Jan 04 07:33:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

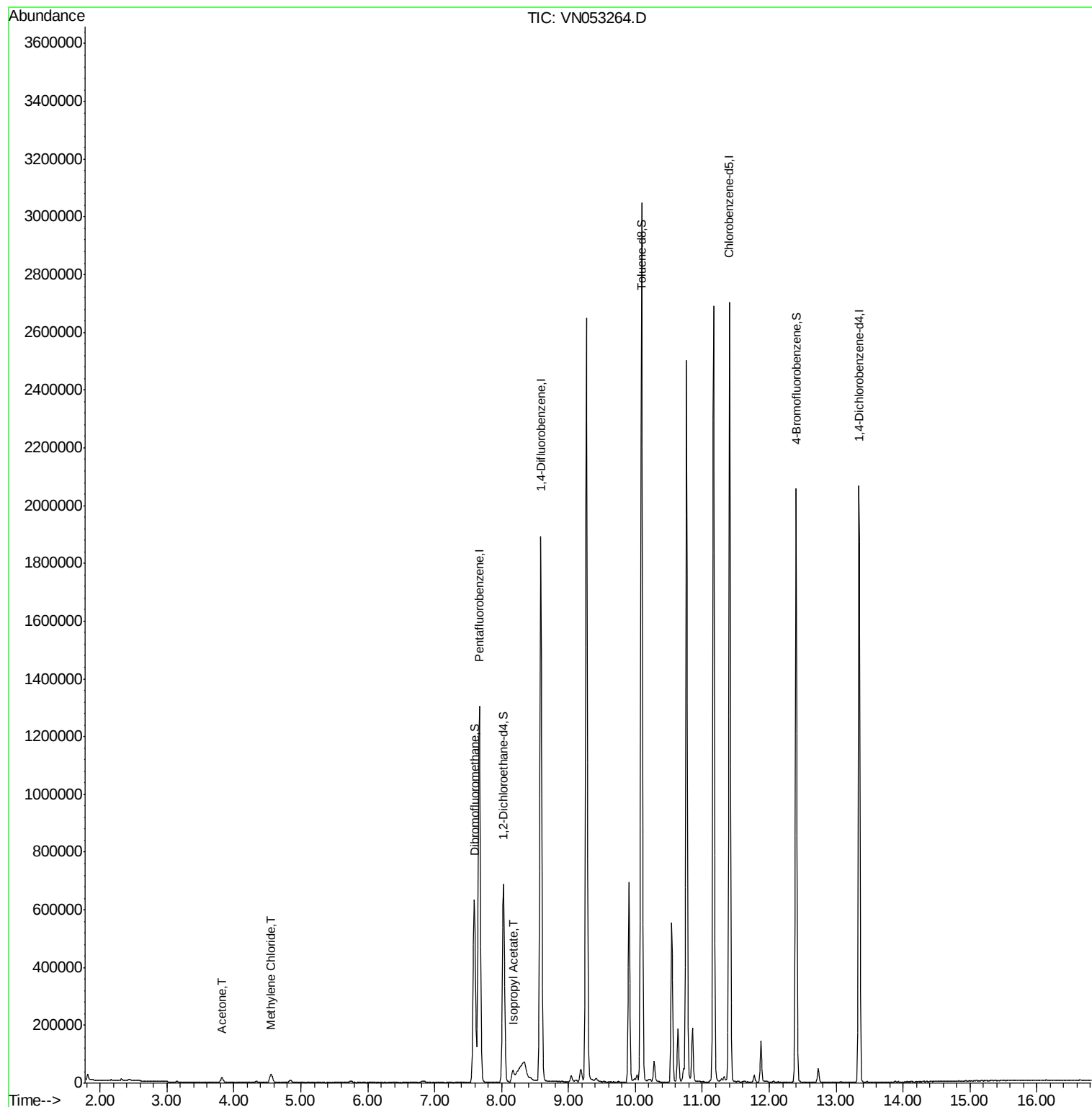
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1783383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1625092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	590187	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	567390	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	7.59	113	482938	59.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	10.09	98	2198730	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	706425	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
16) Acetone	3.82	43	30011	13.093	ug/l	92
20) Methylene Chloride	4.56	84	21866	1.749	ug/l	97
43) Isopropyl Acetate	8.17	43	56646	2.062	ug/l #	84

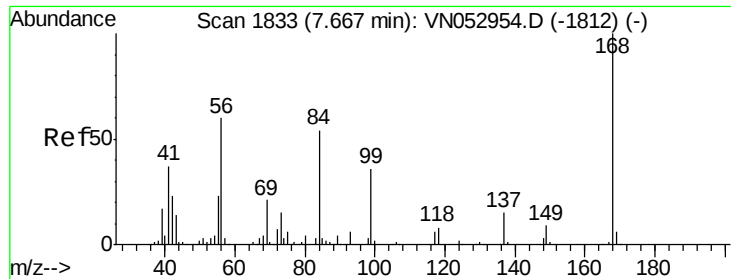
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN053264.D

Acq: 3 Jan 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

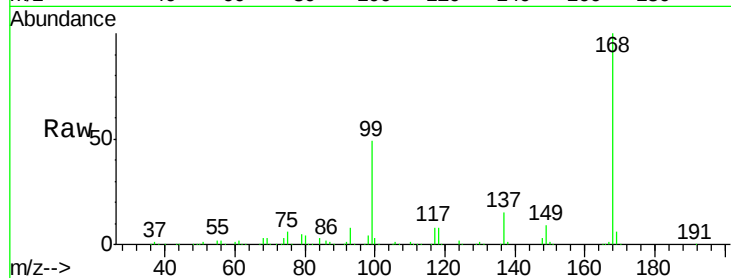
PB116111ZHE#09

Tot Ion:168 Resp: 1152017

Ion Ratio Lower Upper

168 100

99 48.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

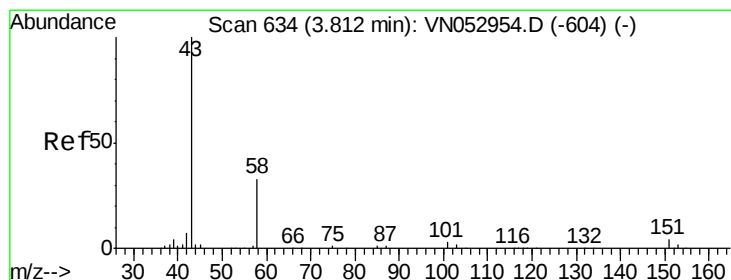
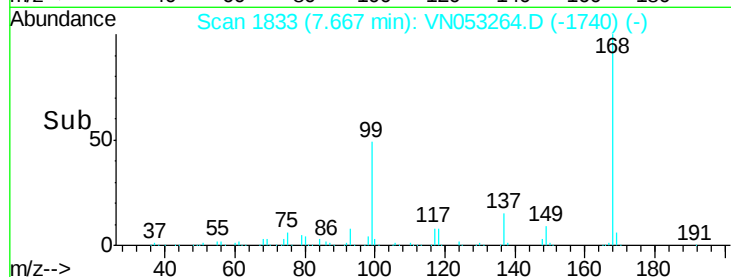
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.093 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053264.D

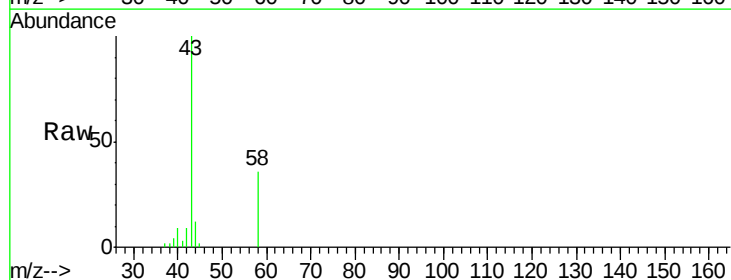
Acq: 3 Jan 2019 16:04

Tgt Ion: 43 Resp: 30011

Ion Ratio Lower Upper

43 100

58 36.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

12000

10000

8000

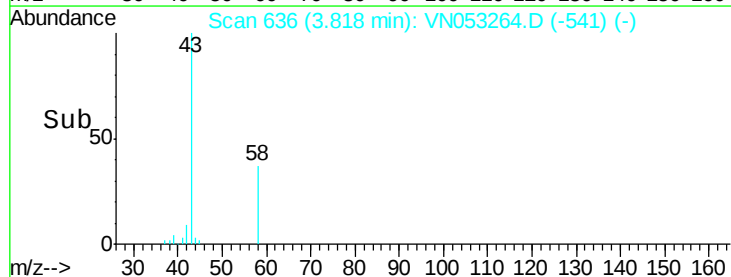
6000

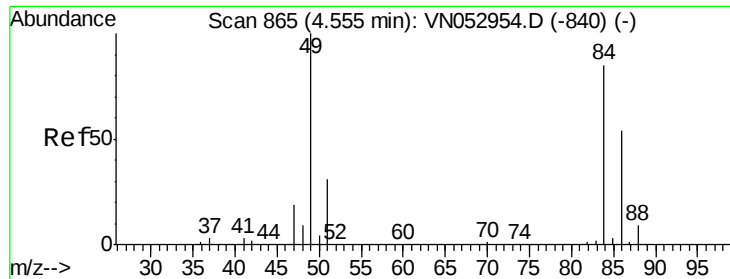
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.749 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN053264.D

Acq: 3 Jan 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#09

Tot Ion: 84 Resp: 21866

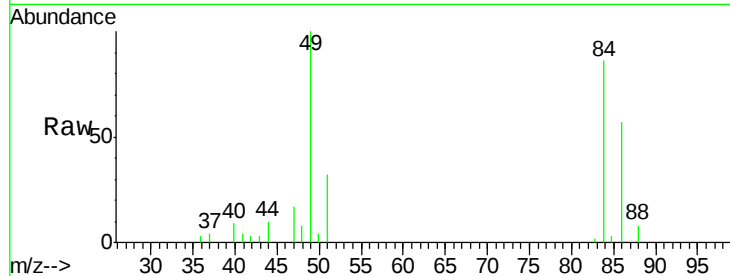
Ion Ratio Lower Upper

84 100

49 115.8 96.8 145.2

51 36.7 29.9 44.9

86 66.0 51.8 77.6

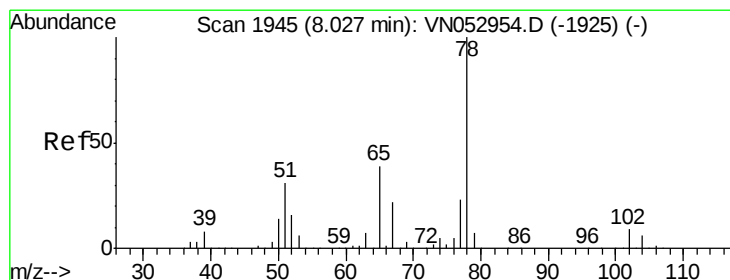
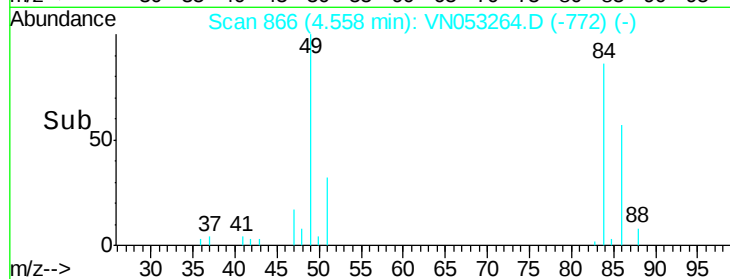
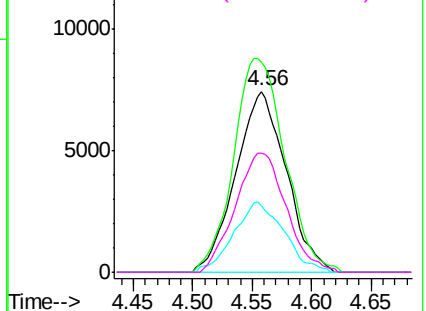


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053264.D

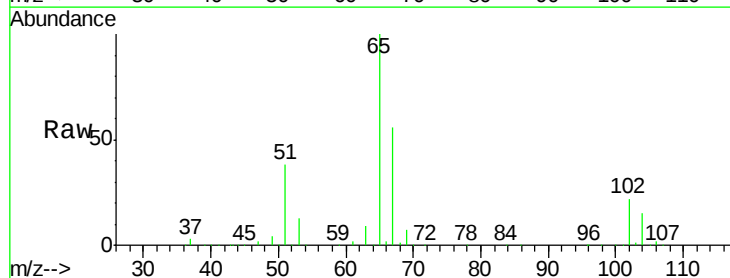
Acq: 3 Jan 2019 16:04

Tgt Ion: 65 Resp: 567390

Ion Ratio Lower Upper

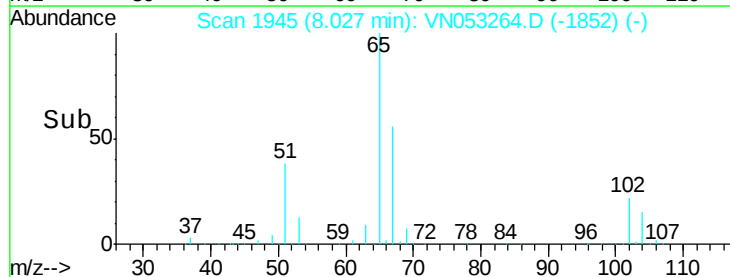
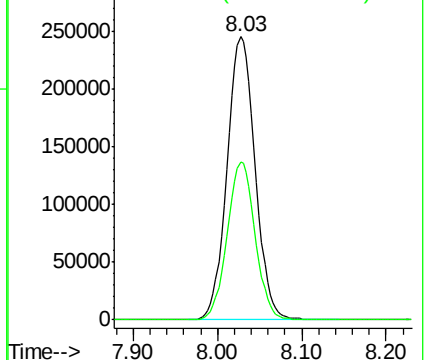
65 100

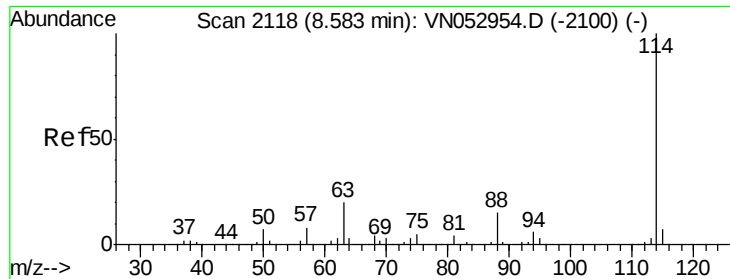
67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

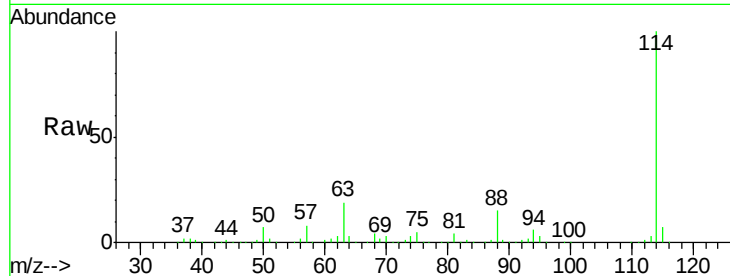




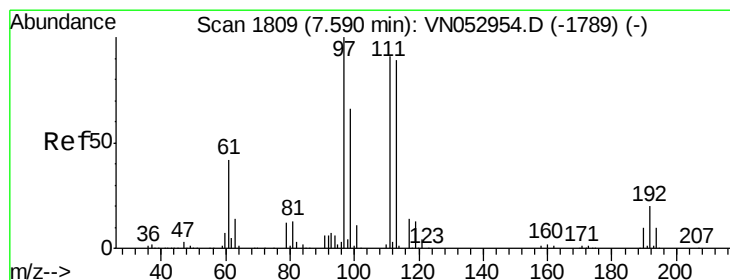
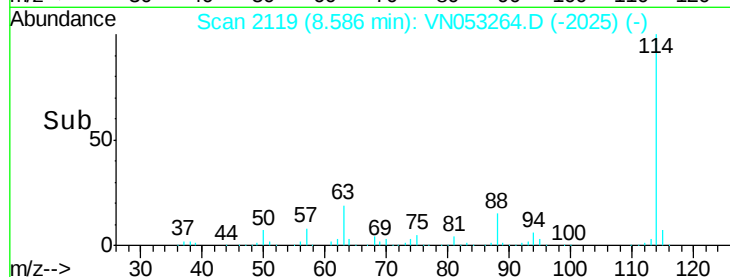
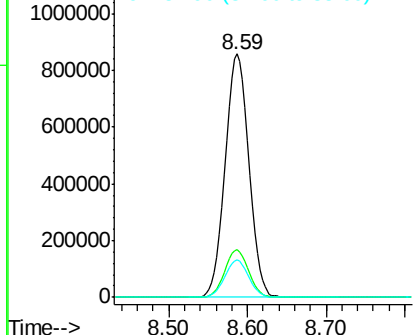
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053264.D
 Acq: 3 Jan 2019 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#09

Tot Ion:114 Resp: 1783383
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.3 0.0 31.0

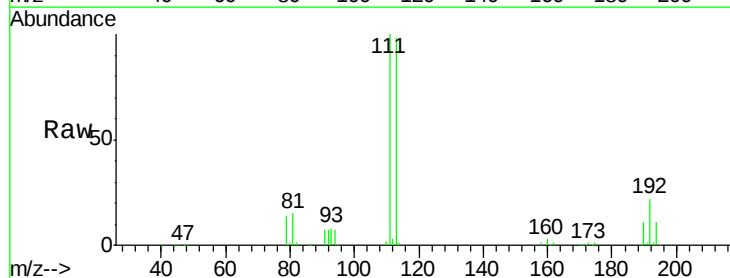


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

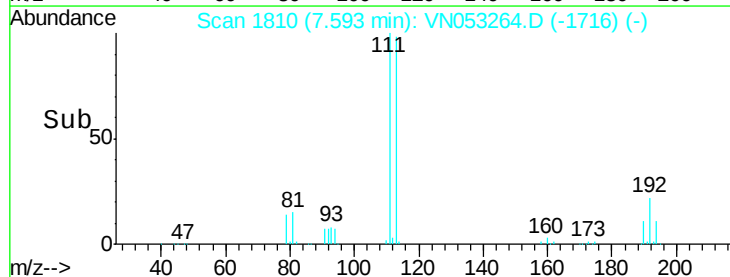
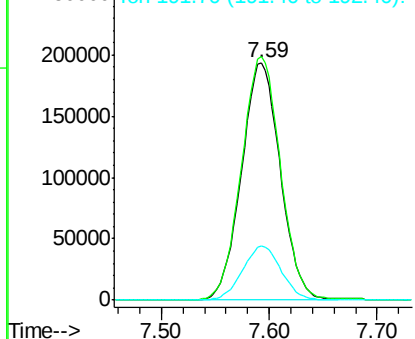


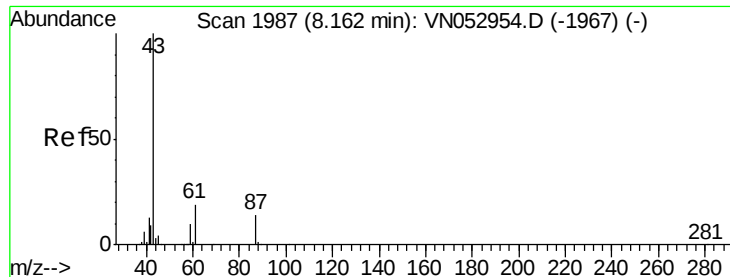
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053264.D
 Acq: 3 Jan 2019 16:04

Tgt Ion:113 Resp: 482938
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.0 124.4
 192 22.6 17.5 26.3



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: 2.062 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053264.D

Acq: 3 Jan 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#09

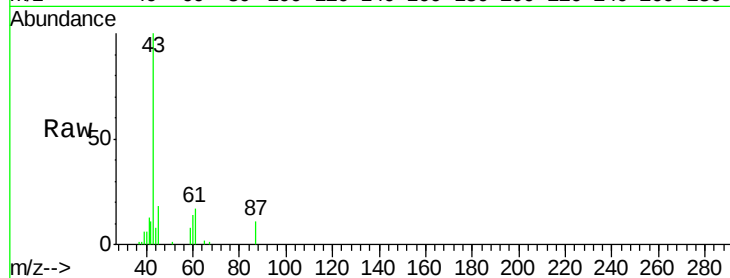
Tot Ion: 43 Resp: 56646

Ion Ratio Lower Upper

43 100

61 17.3 22.9 34.3#

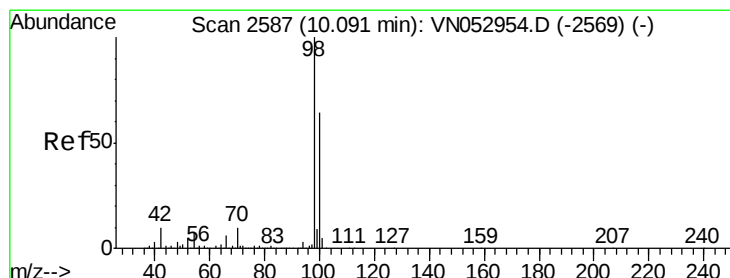
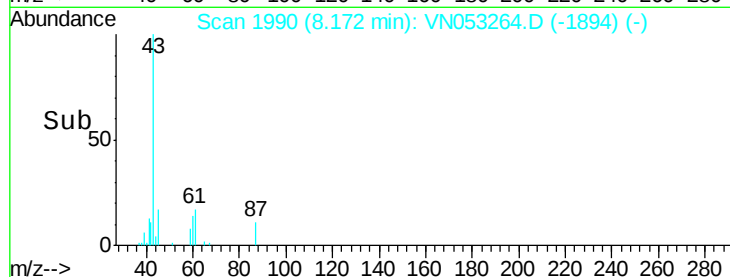
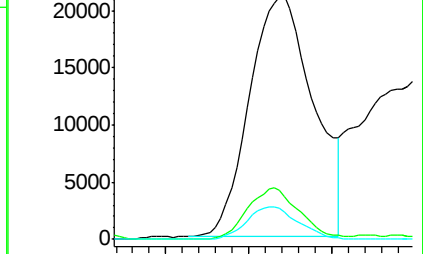
87 10.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN053264.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053264.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053264.D (-1894) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053264.D

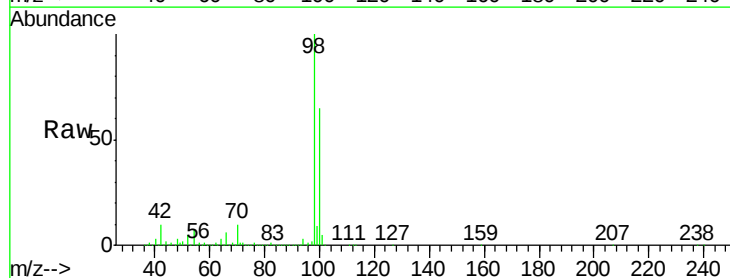
Acq: 3 Jan 2019 16:04

Tgt Ion: 98 Resp: 2198730

Ion Ratio Lower Upper

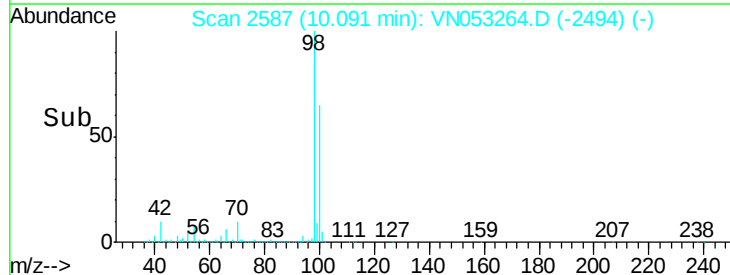
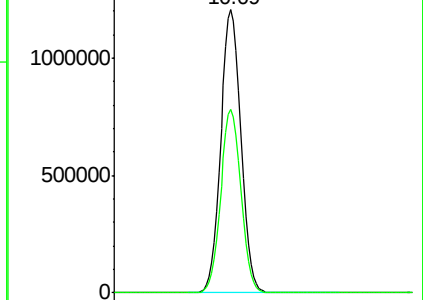
98 100

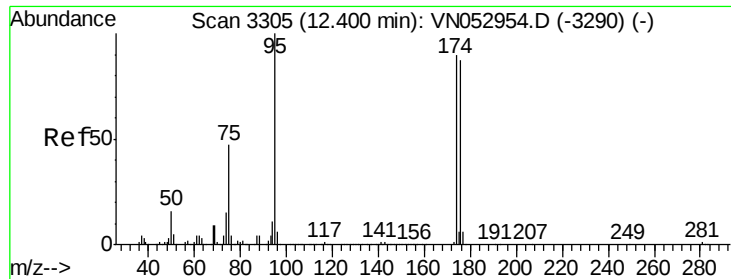
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053264.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053264.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053264.D

Acq: 3 Jan 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#09

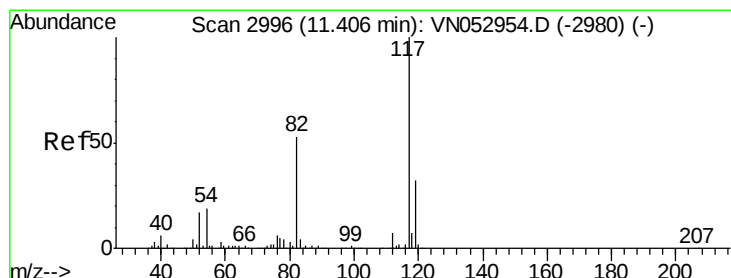
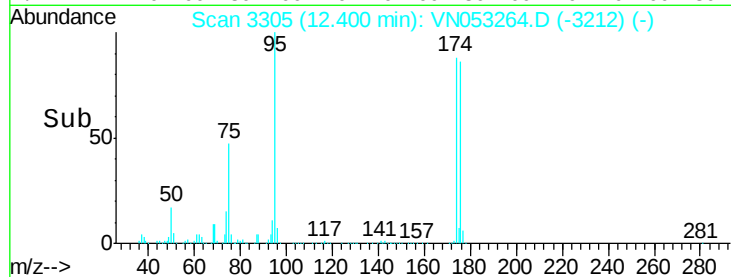
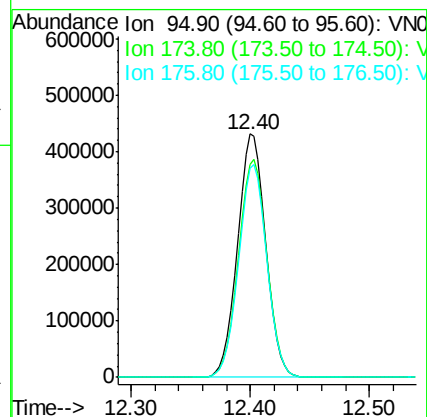
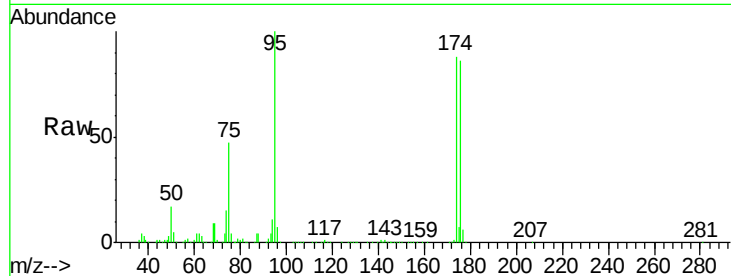
Tot Ion: 95 Resp: 706425

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.8

176 87.6 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053264.D

Acq: 3 Jan 2019 16:04

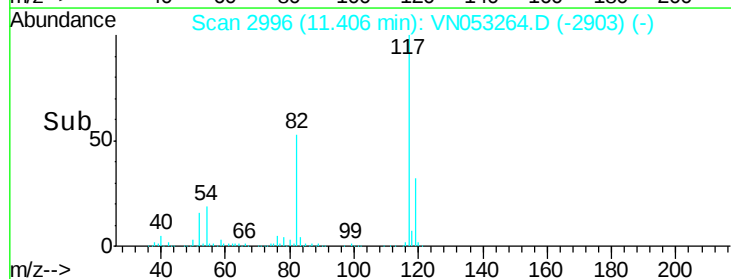
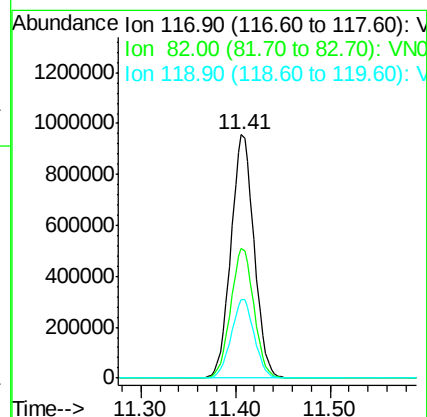
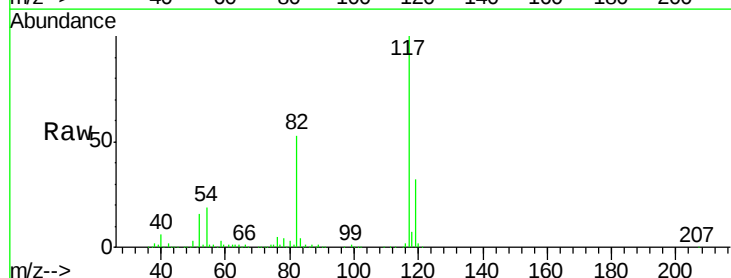
Tgt Ion: 117 Resp: 1625092

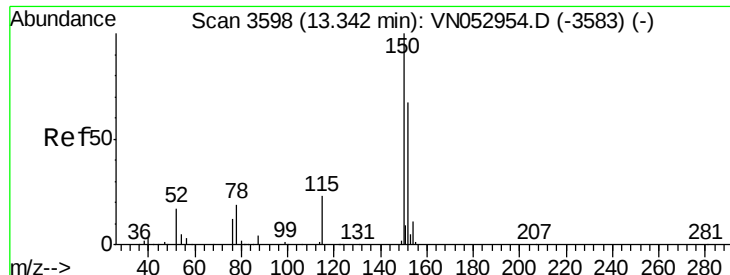
Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053264.D

Acq: 3 Jan 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#09

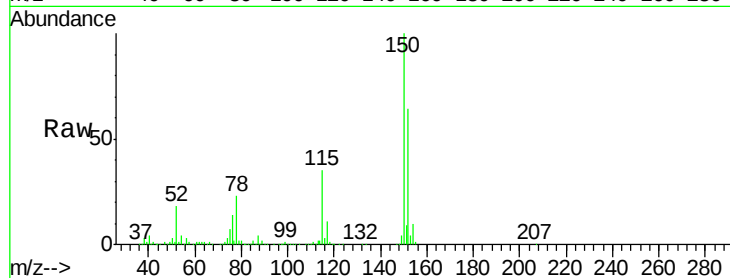
Tot Ion:152 Resp: 590187

Ion Ratio Lower Upper

152 100

115 55.4 28.3 85.0

150 157.0 0.0 347.8



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

