

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052029.D
 Acq On : 26 Oct 2018 15:40
 Operator : MD\SY
 Sample : PB114195ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#06

Quant Time: Oct 27 00:32:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

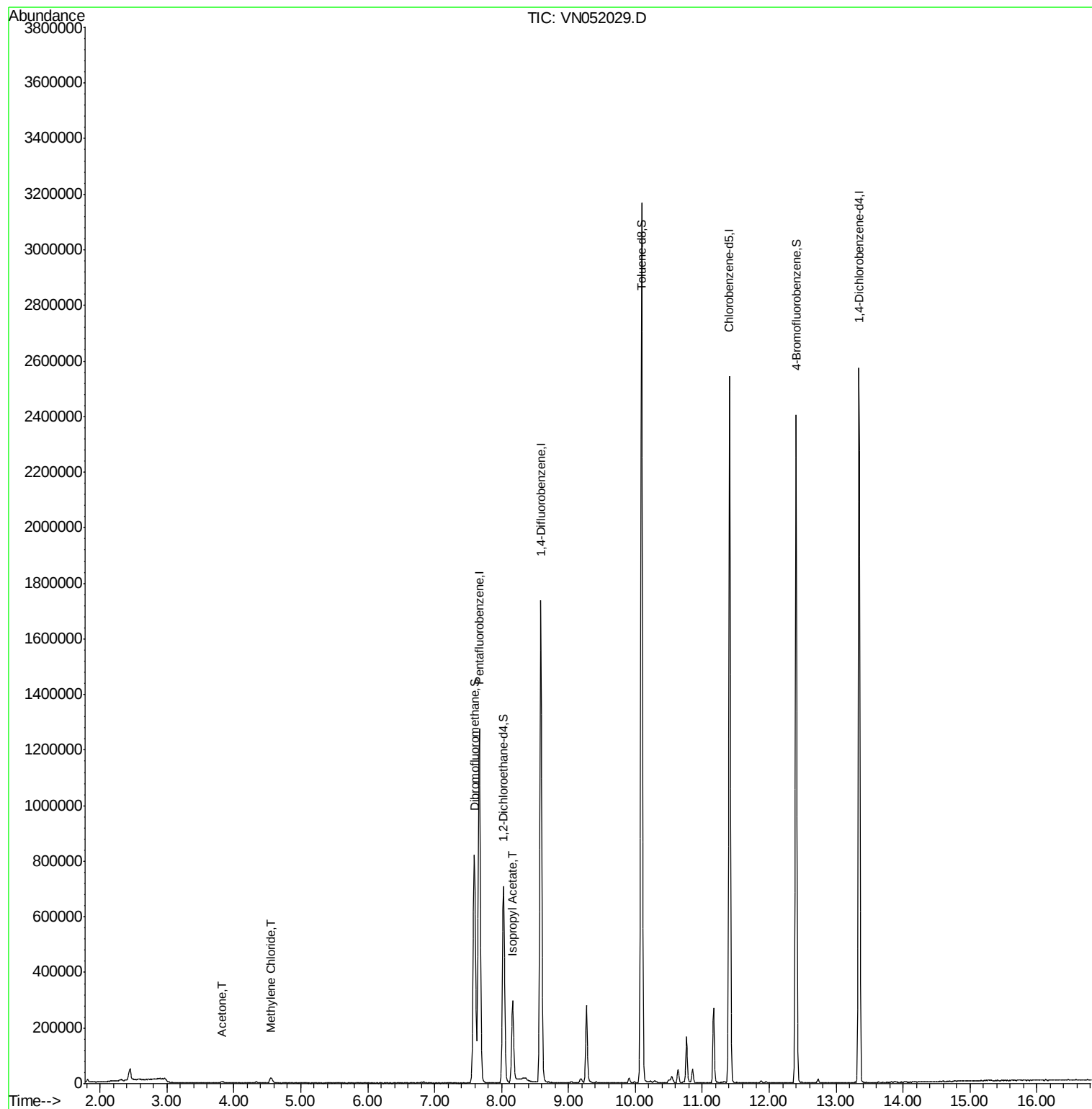
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1174303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1708895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	776431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	597921	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	
35) Dibromofluoromethane	7.59	113	617825	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.32%	
50) Toluene-d8	10.09	98	2327916	59.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.16%	
62) 4-Bromofluorobenzene	12.40	95	752738	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
Target Compounds						
16) Acetone	3.82	43	9880	5.734	ug/l #	88
20) Methylene Chloride	4.55	84	16242	1.607	ug/l	91
43) Isopropyl Acetate	8.17	43	341211	31.081	ug/l	98

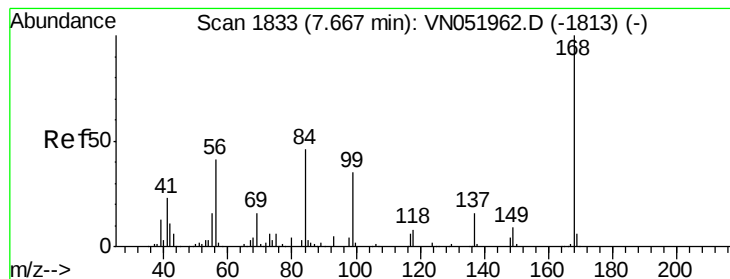
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 27 00:32:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 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: VN052029.D

Acq: 26 Oct 2018 15:40

Instrument :

MSVOA_N

ClientSampleId :

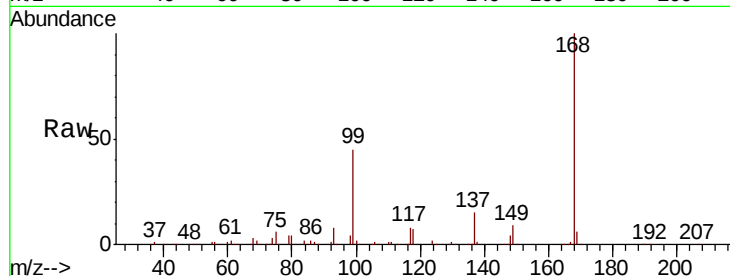
PB114195ZHE#06

Tot Ion:168 Resp: 1174303

Ion Ratio Lower Upper

168 100

99 45.3 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): VN051962.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051962.D (-1813) (-)

7.67

500000

400000

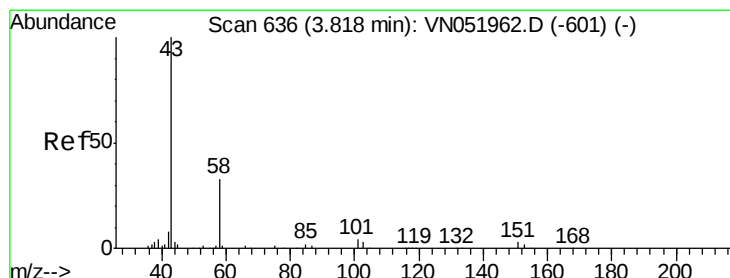
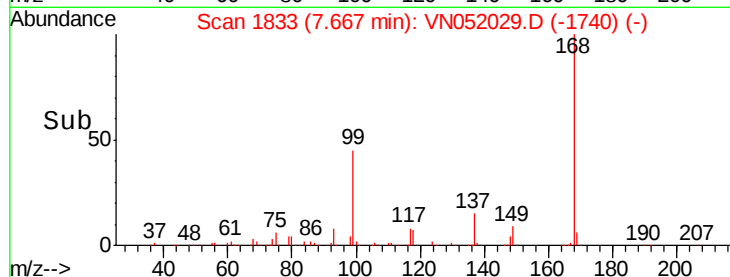
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.734 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052029.D

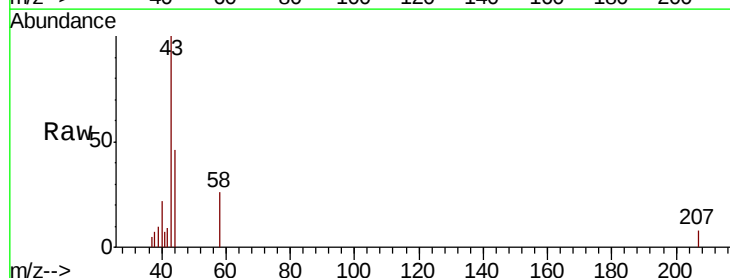
Acq: 26 Oct 2018 15:40

Tgt Ion: 43 Resp: 9880

Ion Ratio Lower Upper

43 100

58 26.3 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

3.82

4000

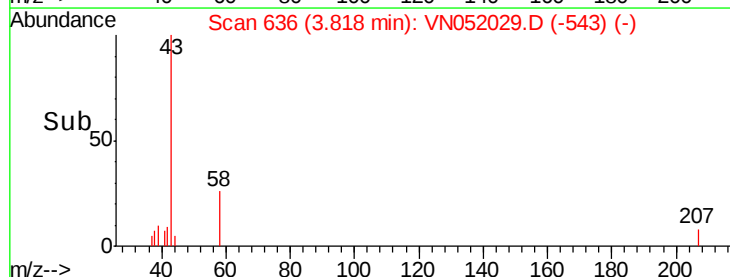
3000

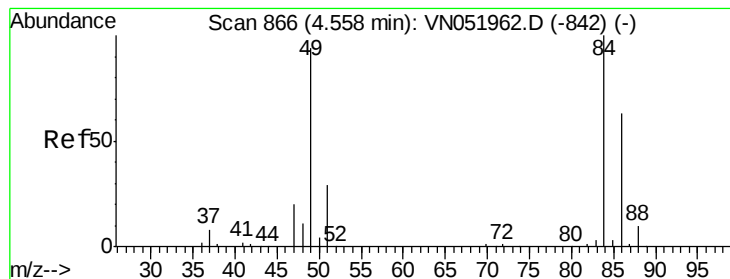
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.607 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.01 min

Lab File: VN052029.D

Acq: 26 Oct 2018 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#06

Tot Ion: 84 Resp: 16242

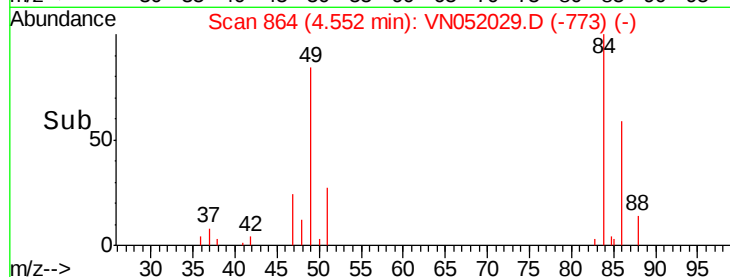
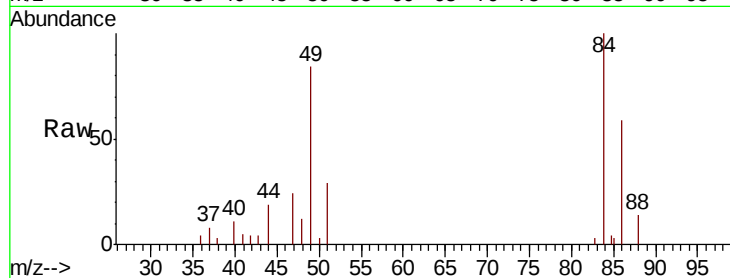
Ion Ratio Lower Upper

84 100

49 81.0 75.4 113.0

51 29.5 23.1 34.7

86 59.4 50.2 75.4



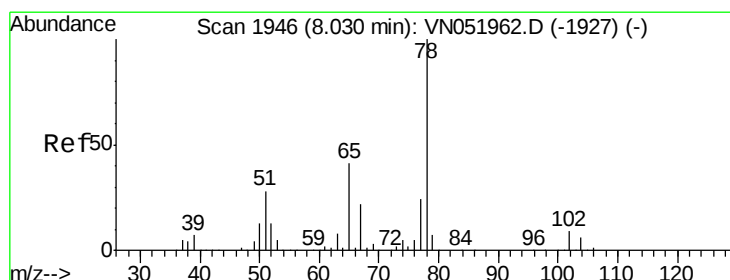
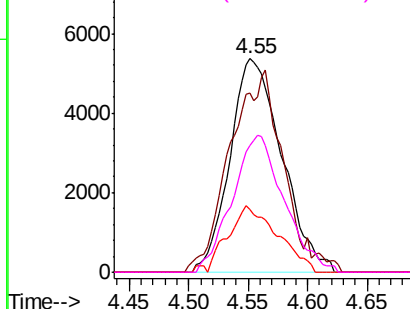
Abundance

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# 1946

Delta R.T. 0.00 min

Lab File: VN052029.D

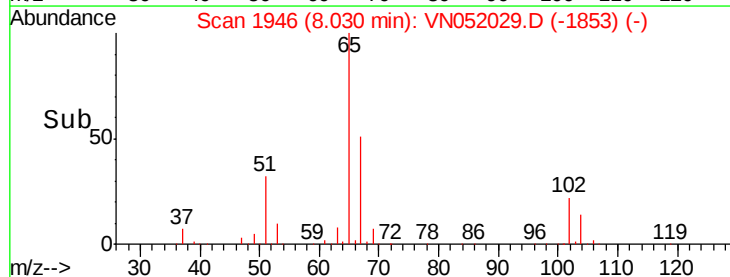
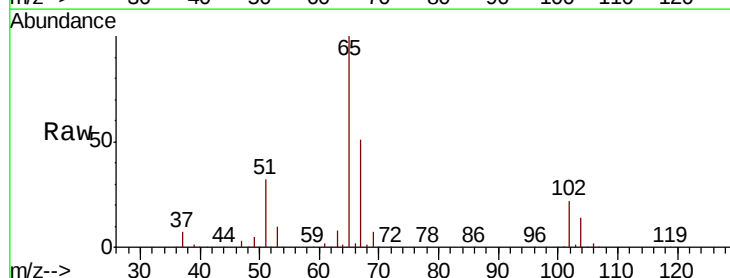
Acq: 26 Oct 2018 15:40

Tgt Ion: 65 Resp: 597921

Ion Ratio Lower Upper

65 100

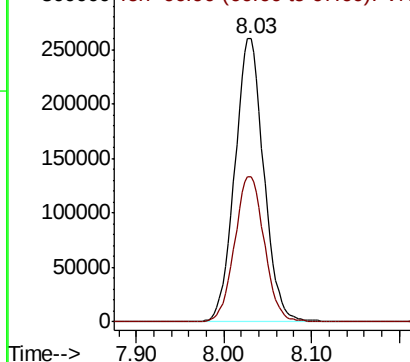
67 52.7 0.0 105.8

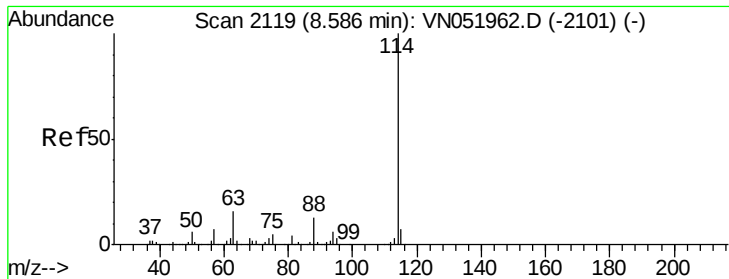


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

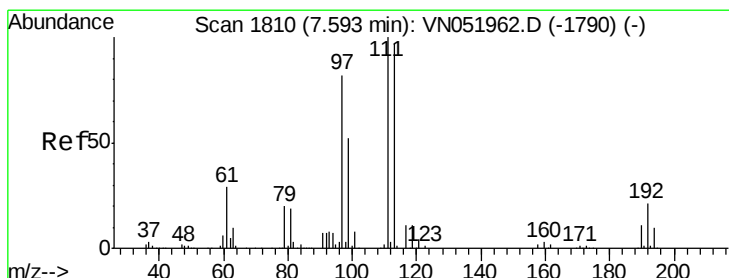
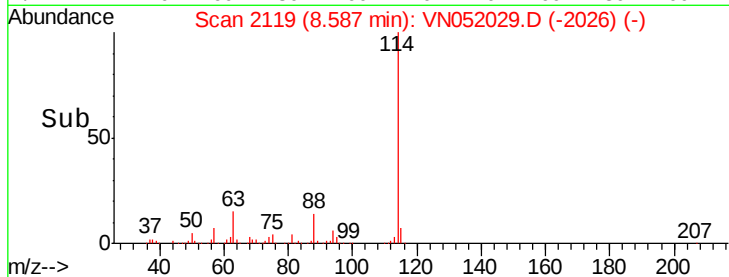
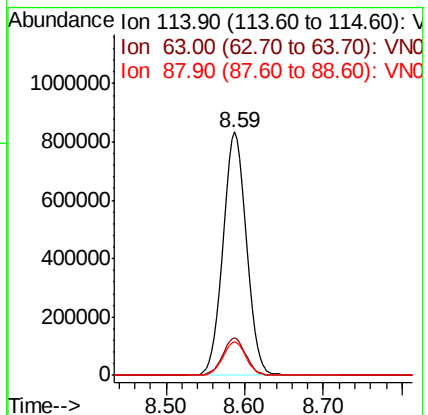
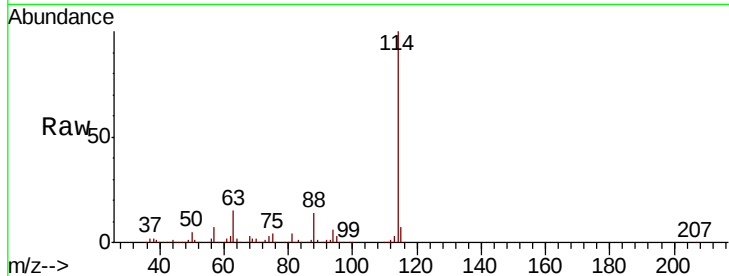




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052029.D
 Acq: 26 Oct 2018 15:40

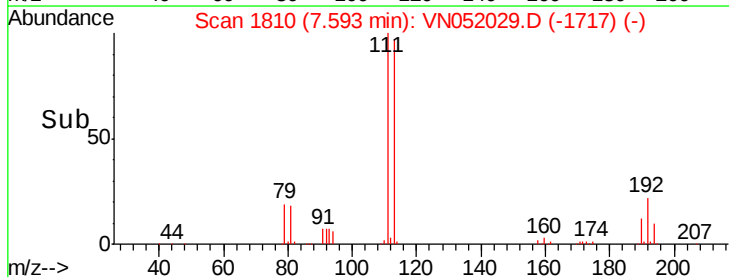
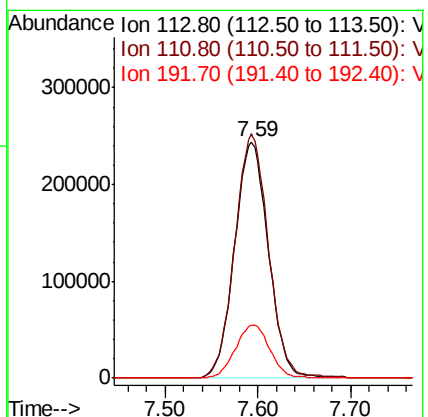
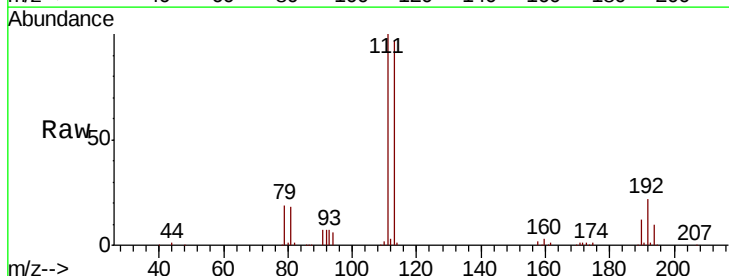
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#06

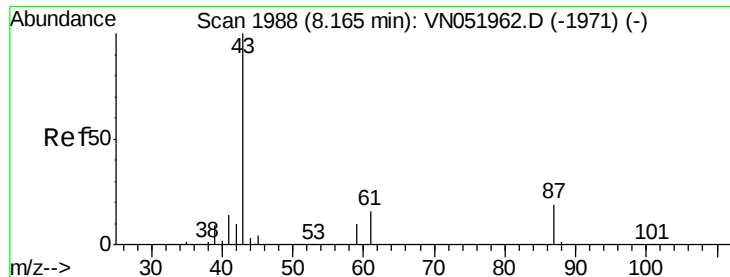
Tot Ion:114 Resp: 1708895
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.2
 88 13.8 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052029.D
 Acq: 26 Oct 2018 15:40

Tgt Ion:113 Resp: 617825
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.7 121.1
 192 22.9 17.2 25.8





#43

Isopropyl Acetate

Concen: 31.081 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052029.D

Acq: 26 Oct 2018 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#06

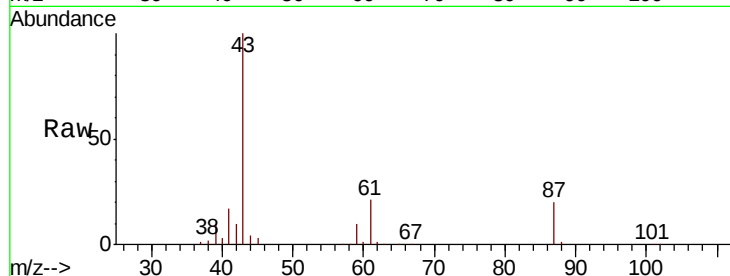
Tot Ion: 43 Resp: 341211

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8

87 18.2 15.2 22.8



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN051962.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN051962.D (-1971) (-)

8.17

150000

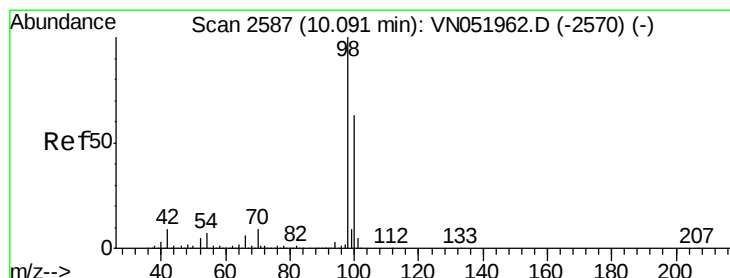
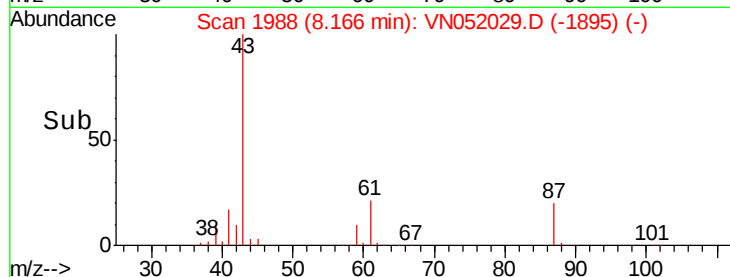
100000

50000

0

8.10 8.20 8.30

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052029.D

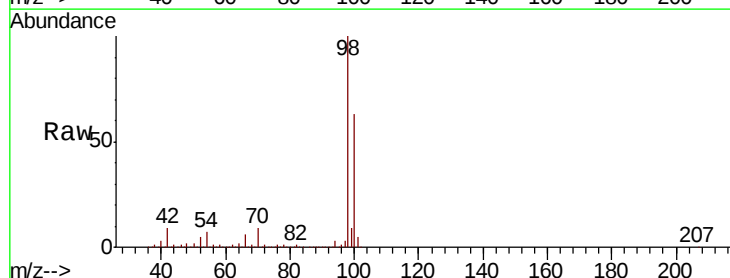
Acq: 26 Oct 2018 15:40

Tgt Ion: 98 Resp: 2327916

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN051962.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051962.D (-2570) (-)

10.09

1500000

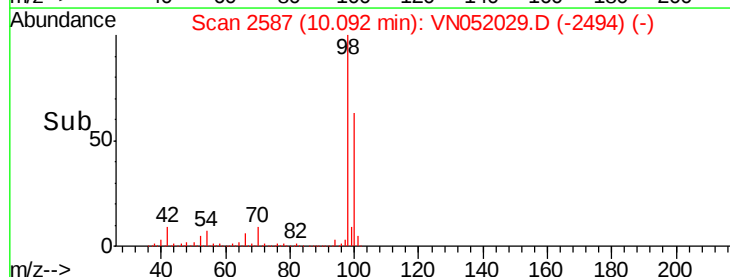
1000000

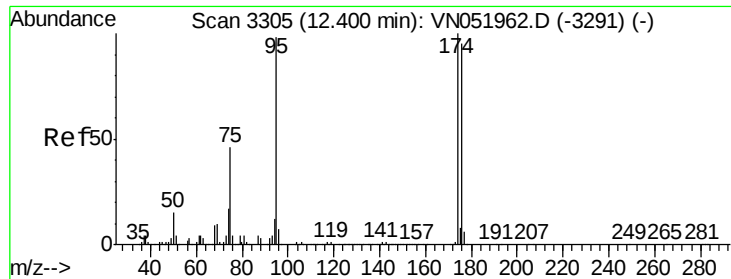
500000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052029.D

Acq: 26 Oct 2018 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#06

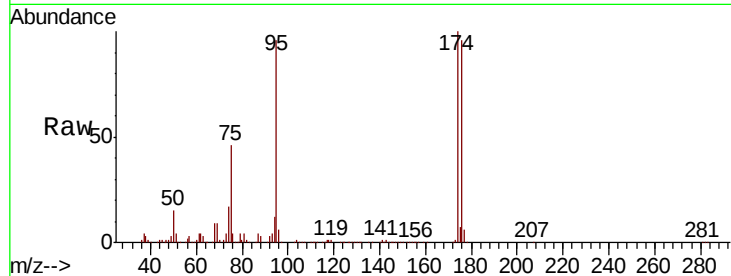
Tot Ion: 95 Resp: 752738

Ion Ratio Lower Upper

95 100

174 103.9 0.0 206.0

176 100.3 0.0 198.0



Abundance Ion 94.90 (94.60 to 95.60): VN051962.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051962.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051962.D (-3291) (-)

600000

500000

400000

300000

200000

100000

0

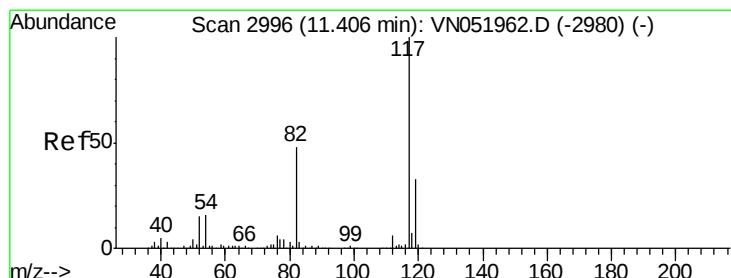
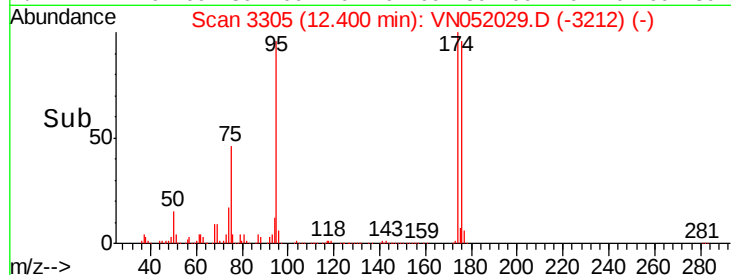
12.40

12.30

12.40

12.50

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052029.D

Acq: 26 Oct 2018 15:40

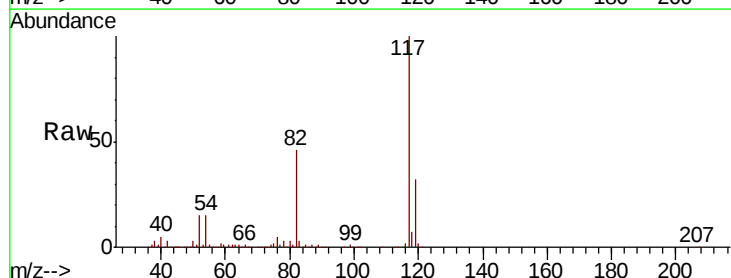
Tgt Ion: 117 Resp: 1627623

Ion Ratio Lower Upper

117 100

82 46.0 38.1 57.1

119 32.0 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): VN051962.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051962.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051962.D (-2980) (-)

1200000

1000000

800000

600000

400000

200000

0

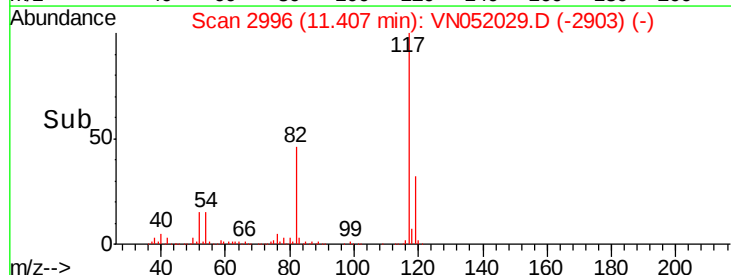
11.41

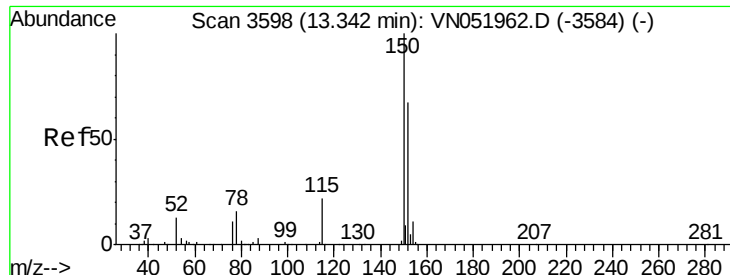
11.30

11.40

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052029.D

Acq: 26 Oct 2018 15:40

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#06

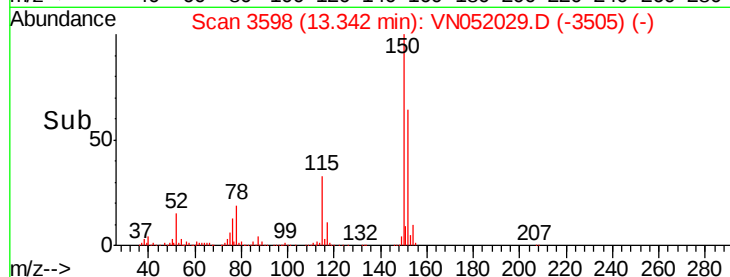
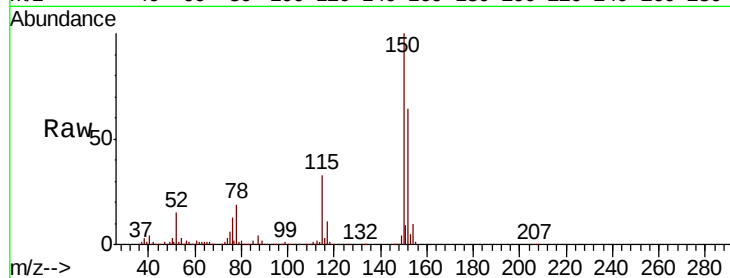
Tot Ion:152 Resp: 776431

Ion Ratio Lower Upper

152 100

115 52.5 25.8 77.3

150 155.9 0.0 344.4



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

