

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051989.D
 Acq On : 24 Oct 2018 15:47
 Operator : MD\SY
 Sample : PB114120ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114120ZHE#05

Quant Time: Oct 25 02:19:59 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

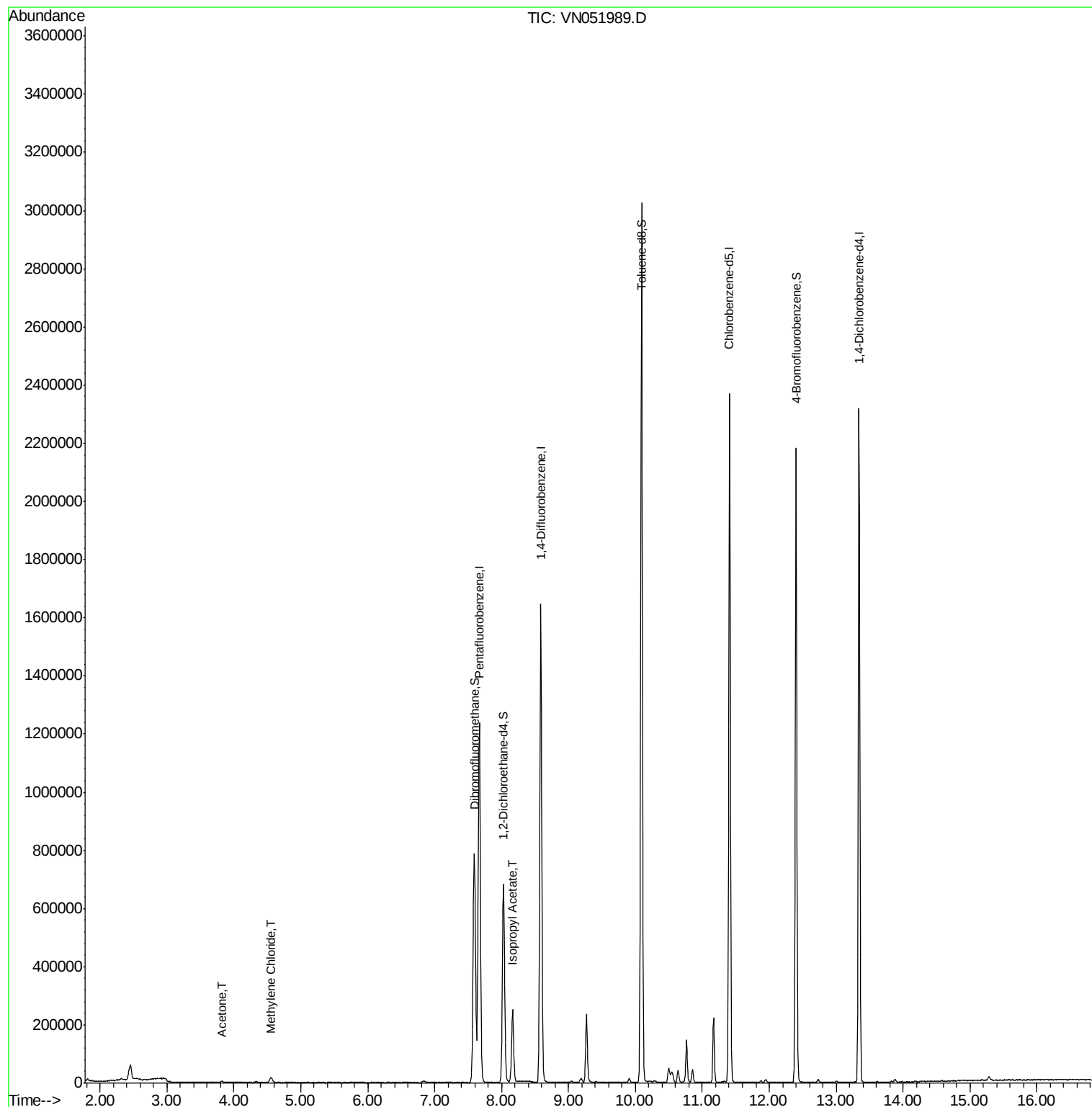
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1098755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1623265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1501981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	660789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	579668	59.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.48%	
35) Dibromofluoromethane	7.59	113	600091	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
50) Toluene-d8	10.09	98	2203764	58.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.74%	
62) 4-Bromofluorobenzene	12.40	95	684234	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
Target Compounds						
16) Acetone	3.82	43	8525	5.288	ug/l	99
20) Methylene Chloride	4.55	84	14092	1.490	ug/l	95
43) Isopropyl Acetate	8.17	43	273375	26.215	ug/l	99

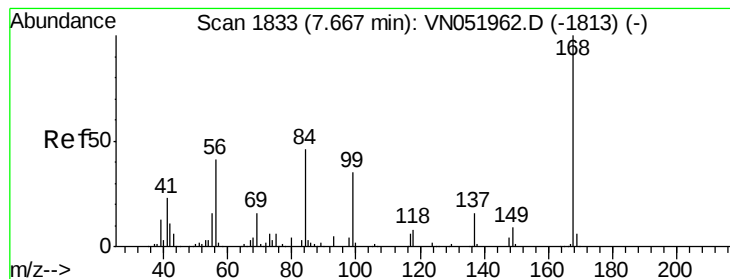
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051989.D

Acq: 24 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

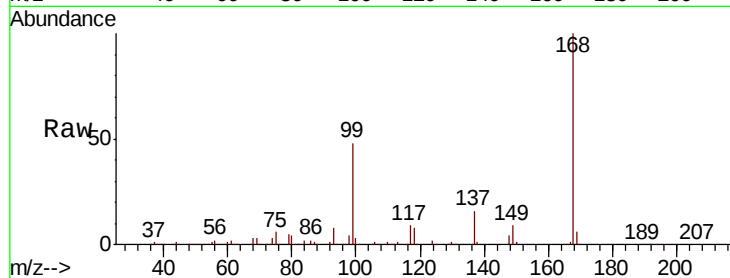
PB114120ZHE#05

Tot Ion:168 Resp: 1098755

Ion Ratio Lower Upper

168 100

99 48.1 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

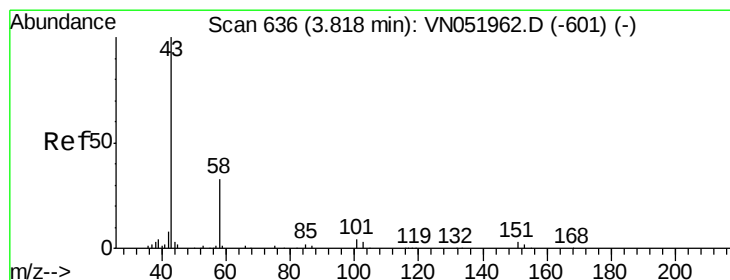
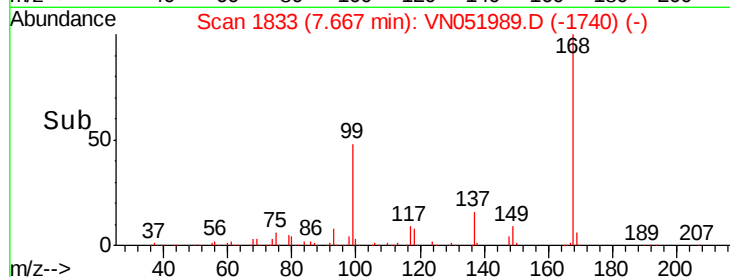
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.288 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051989.D

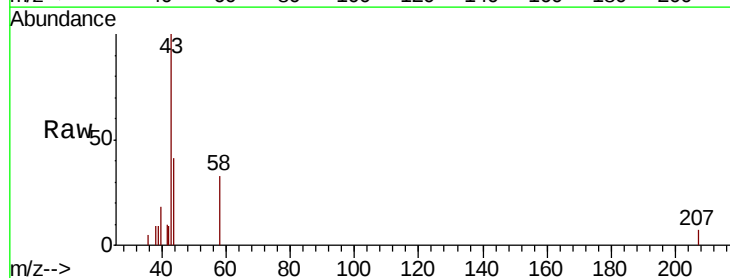
Acq: 24 Oct 2018 15:47

Tgt Ion: 43 Resp: 8525

Ion Ratio Lower Upper

43 100

58 32.7 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

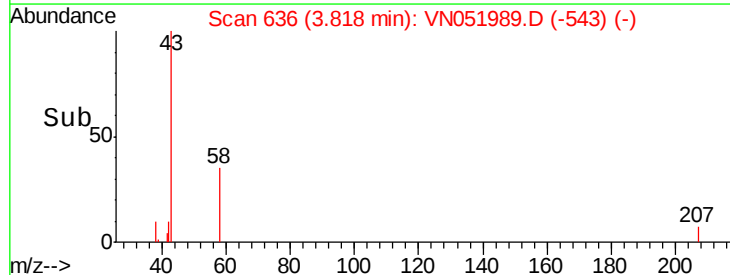
3000

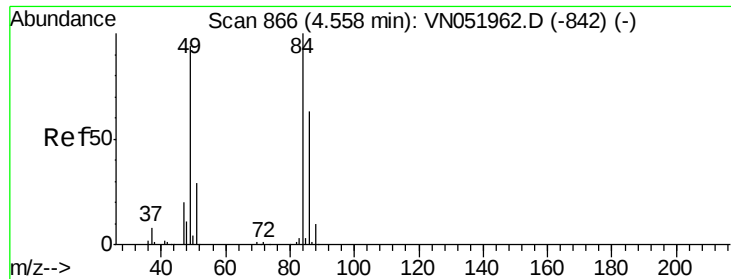
2000

1000

0

Time-->

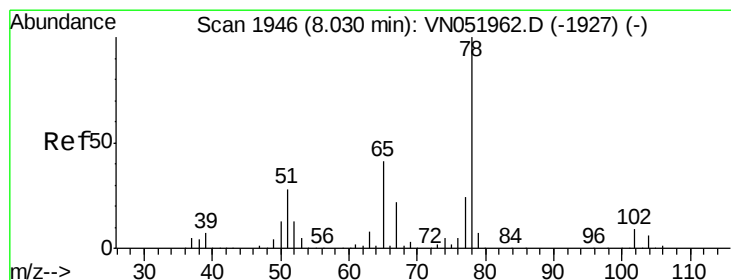
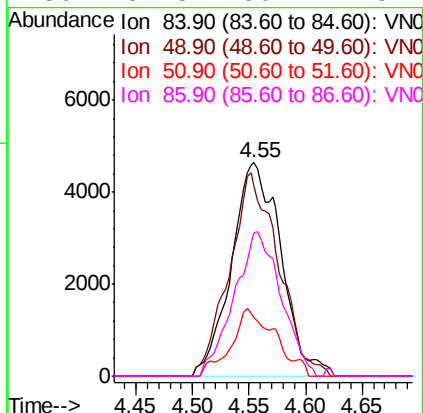
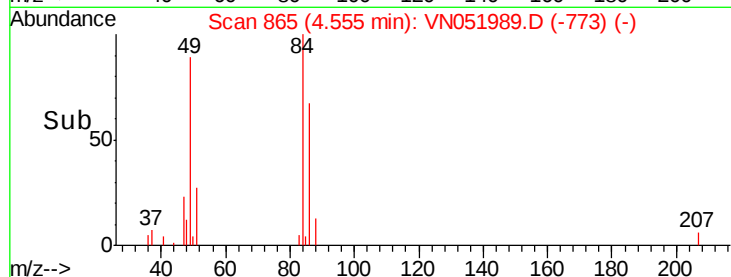
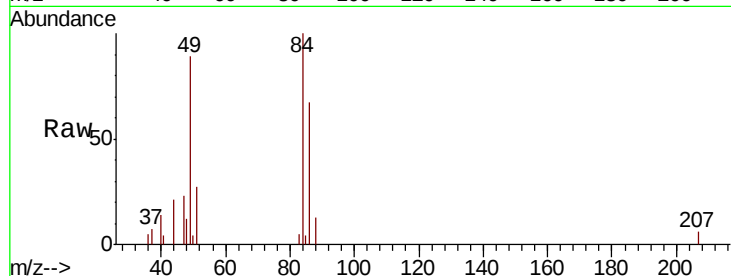




#20
Methvlene Chloride
Concen: 1.490 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN051989.D
Acq: 24 Oct 2018 15:47

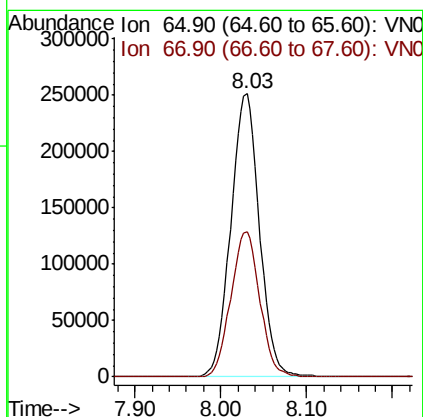
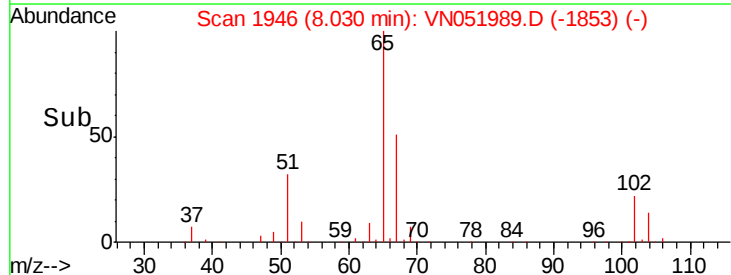
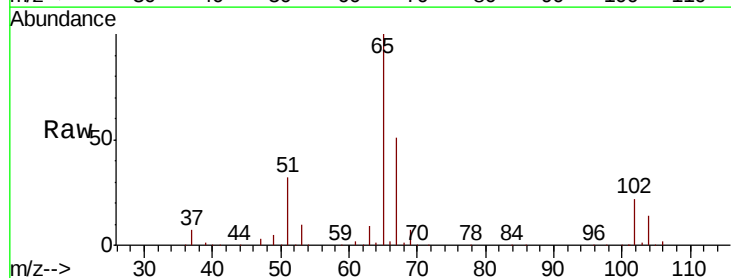
Instrument :
MSVOA_N
ClientSampleId :
PB114120ZHE#05

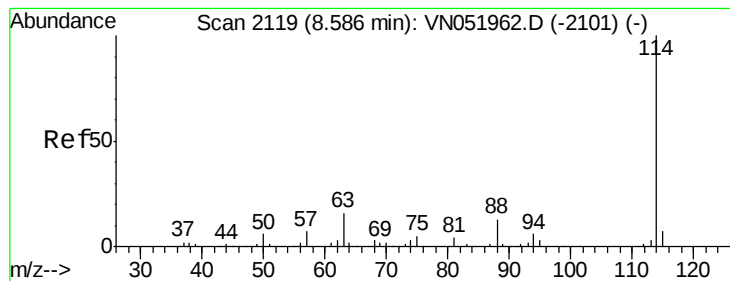
Tot Ion: 84 Resp: 14092
Ion Ratio Lower Upper
84 100
49 89.3 75.4 113.0
51 27.4 23.1 34.7
86 67.3 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051989.D
Acq: 24 Oct 2018 15:47

Tgt Ion: 65 Resp: 579668
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051989.D

Acq: 24 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#05

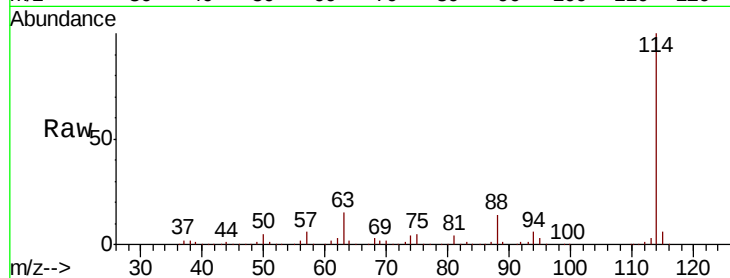
Tot Ion:114 Resp: 1623265

Ion Ratio Lower Upper

114 100

63 15.5 0.0 31.2

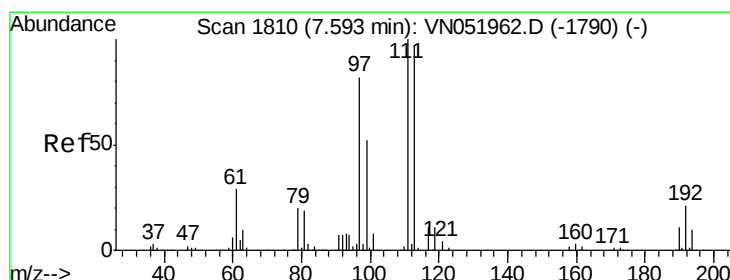
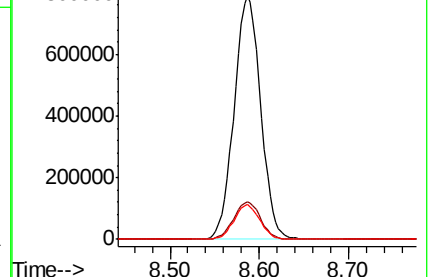
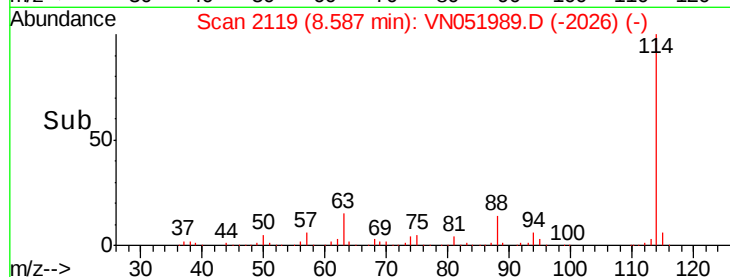
88 14.1 0.0 27.0



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: VN051989.D

Acq: 24 Oct 2018 15:47

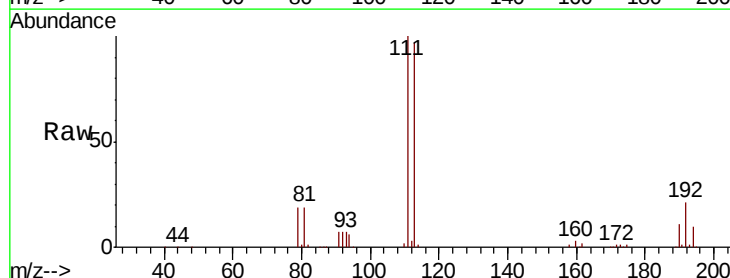
Tgt Ion:113 Resp: 600091

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

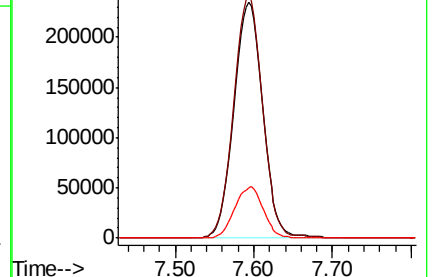
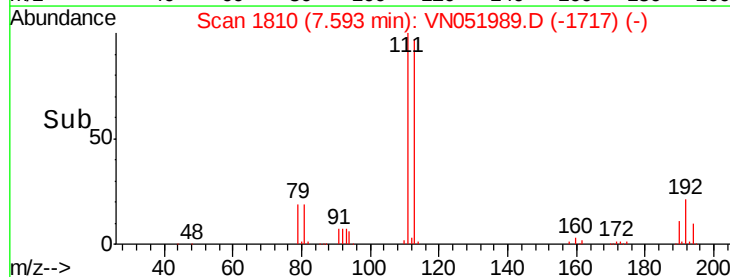
192 21.8 17.2 25.8

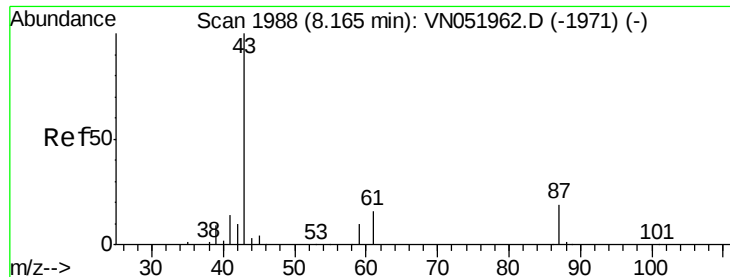


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 26.215 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051989.D

Acq: 24 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#05

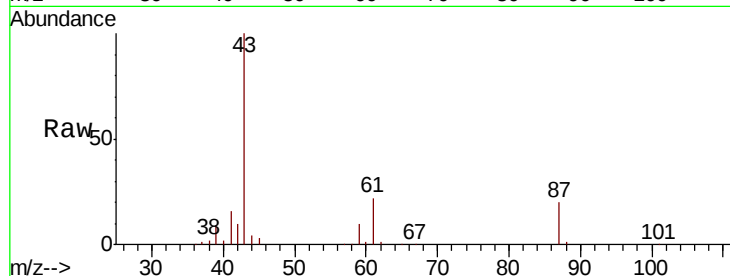
Tot Ion: 43 Resp: 273375

Ion Ratio Lower Upper

43 100

61 22.1 17.2 25.8

87 19.5 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

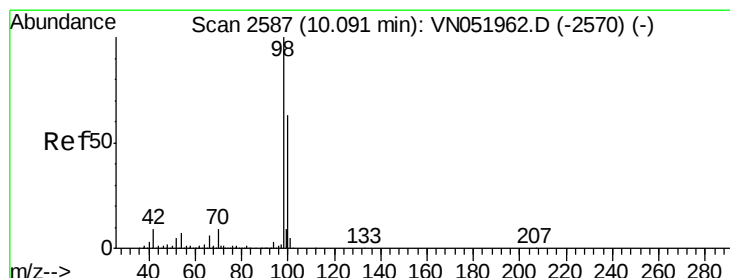
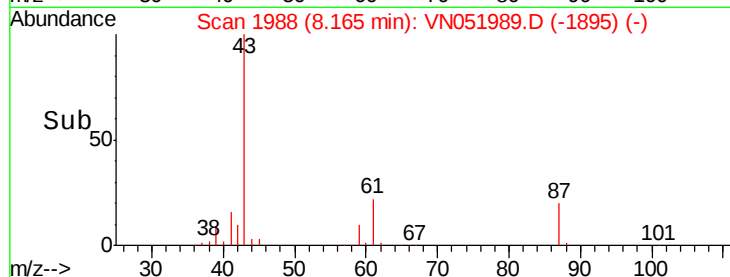
150000

100000

50000

0

Time--> 8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051989.D

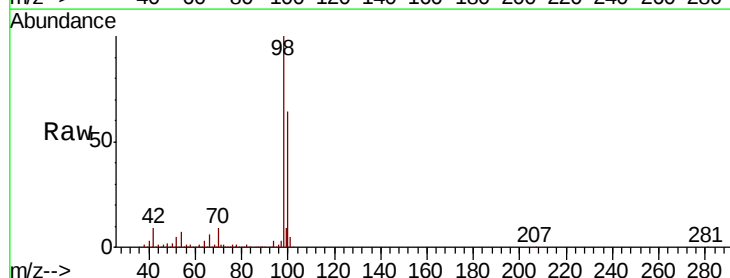
Acq: 24 Oct 2018 15:47

Tgt Ion: 98 Resp: 2203764

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) (-)

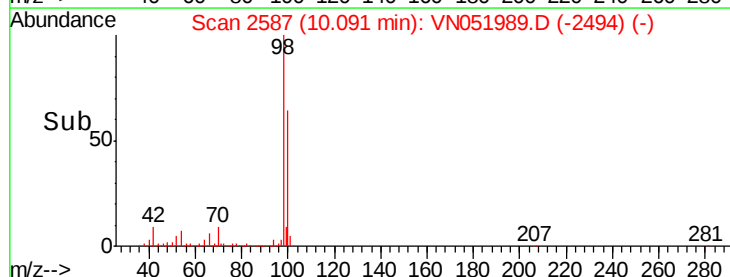
10.09

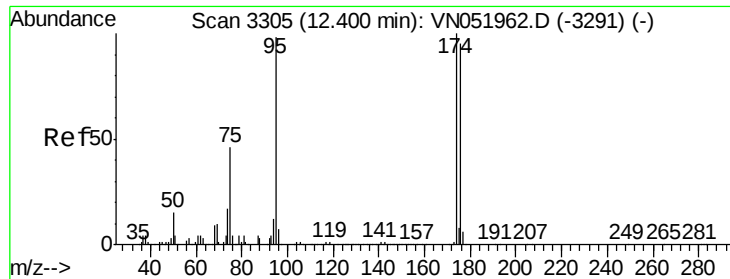
1000000

500000

0

Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051989.D

Acq: 24 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#05

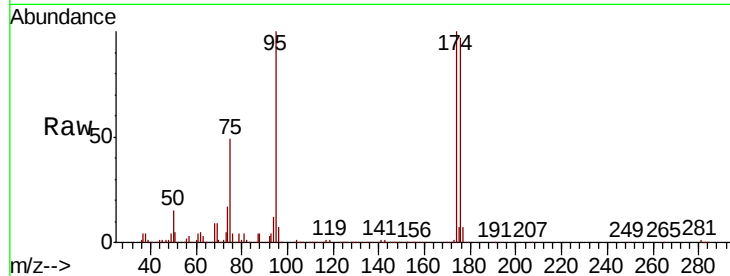
Tot Ion: 95 Resp: 684234

Ion Ratio Lower Upper

95 100

174 100.2 0.0 206.0

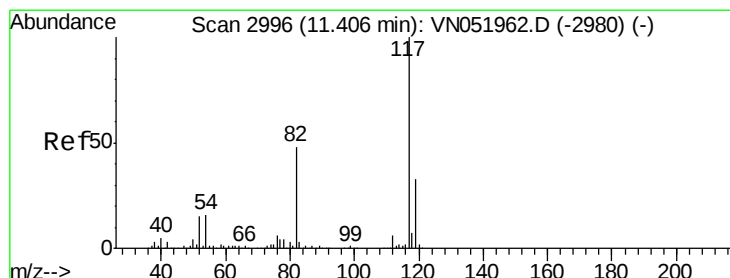
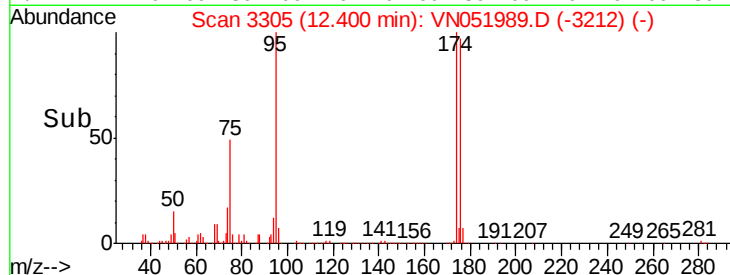
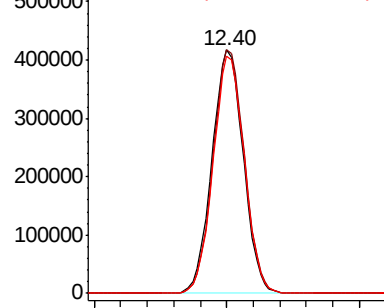
176 96.8 0.0 198.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051989.D

Acq: 24 Oct 2018 15:47

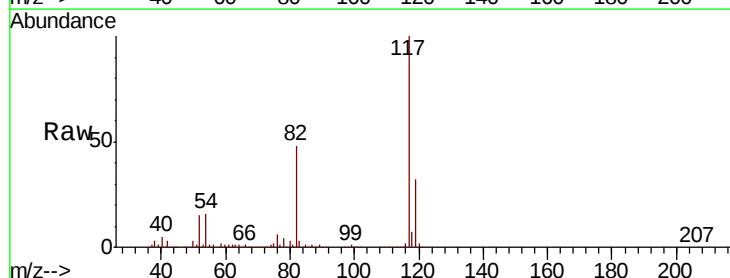
Tgt Ion: 117 Resp: 1501981

Ion Ratio Lower Upper

117 100

82 47.7 38.1 57.1

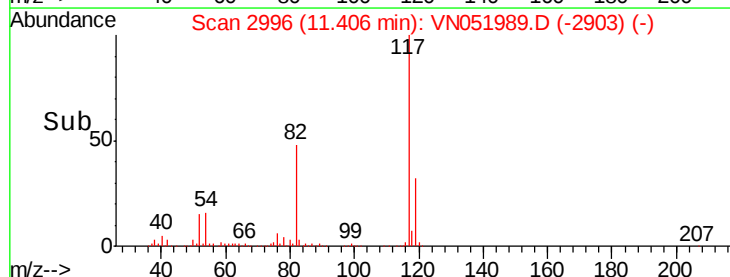
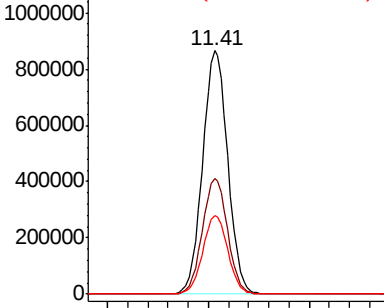
119 32.2 26.4 39.6

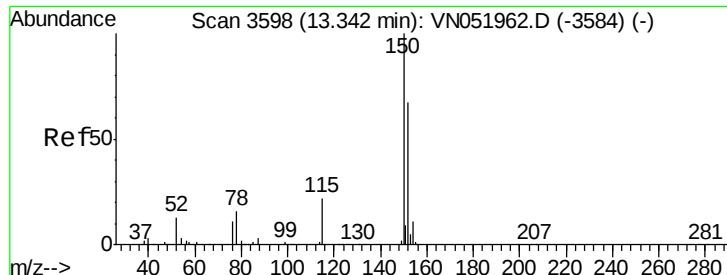


Abundance Ion 116.90 (116.60 to 117.60): VN051962.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051989.D

Acq: 24 Oct 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#05

Tot Ion:152 Resp: 660789

Ion Ratio Lower Upper

152 100

115 54.2 25.8 77.3

150 157.1 0.0 344.4

