

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052026.D
 Acq On : 26 Oct 2018 14:20
 Operator : MD\SY
 Sample : PB114195ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#03

Quant Time: Oct 27 00:21:32 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

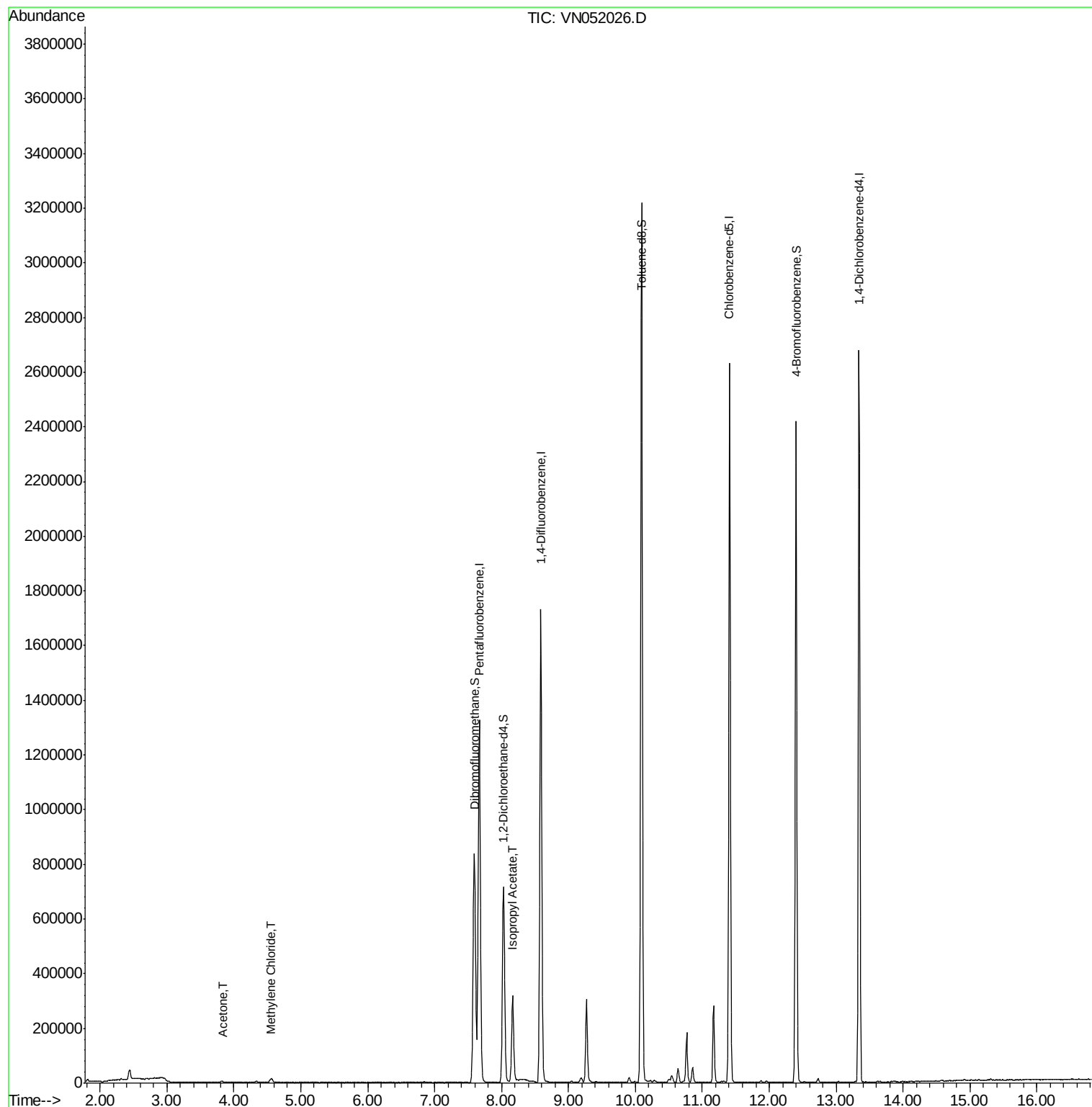
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1193137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1728573	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1664141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	788700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	609577	57.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.72%	
35) Dibromofluoromethane	7.59	113	645684	58.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.08%	
50) Toluene-d8	10.09	98	2380529	59.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.44%	
62) 4-Bromofluorobenzene	12.40	95	764932	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
Target Compounds						
16) Acetone	3.83	43	8927	5.099	ug/l	88
20) Methylene Chloride	4.56	84	13015	1.267	ug/l	92
43) Isopropyl Acetate	8.17	43	348510	31.384	ug/l	100

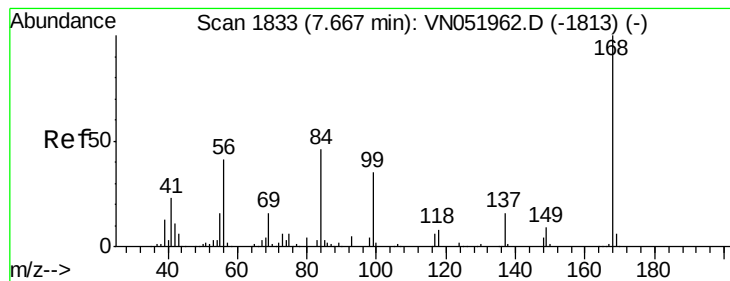
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052026.D

Acq: 26 Oct 2018 14:20

Instrument :

MSVOA_N

ClientSampleId :

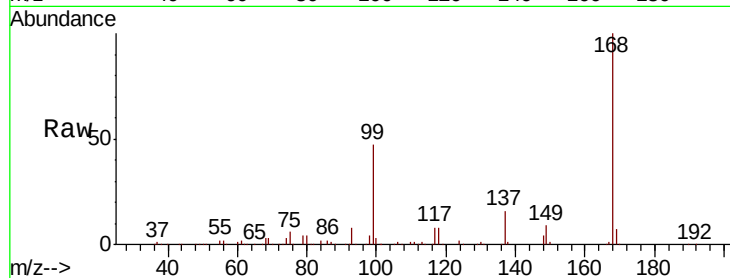
PB114195ZHE#03

Tot Ion:168 Resp: 1193137

Ion Ratio Lower Upper

168 100

99 46.6 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

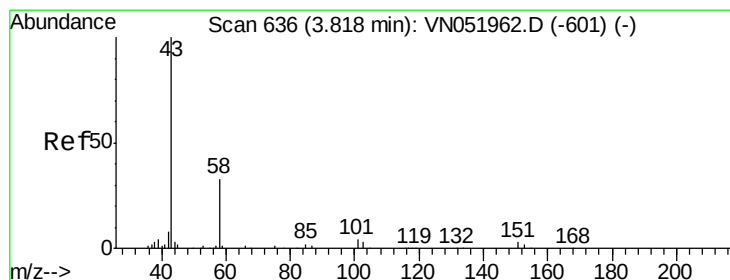
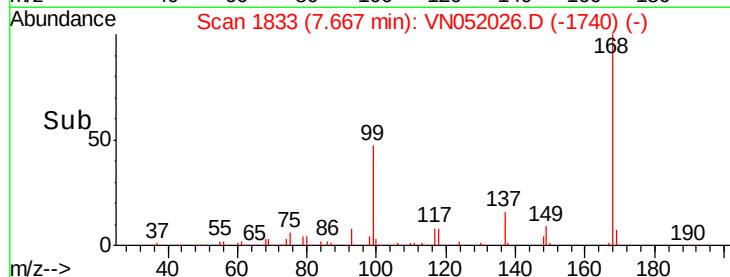
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.099 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052026.D

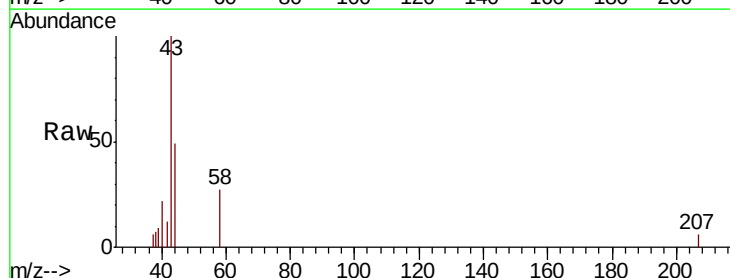
Acq: 26 Oct 2018 14:20

Tgt Ion: 43 Resp: 8927

Ion Ratio Lower Upper

43 100

58 26.7 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) (-)

3.83

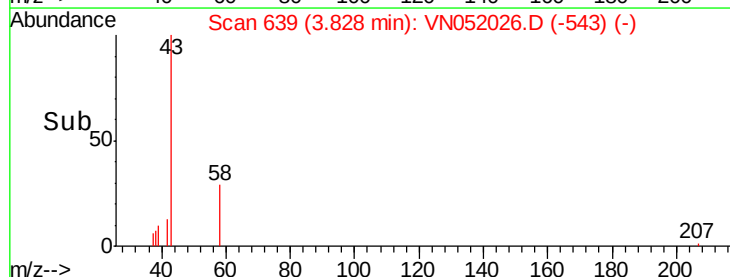
3000

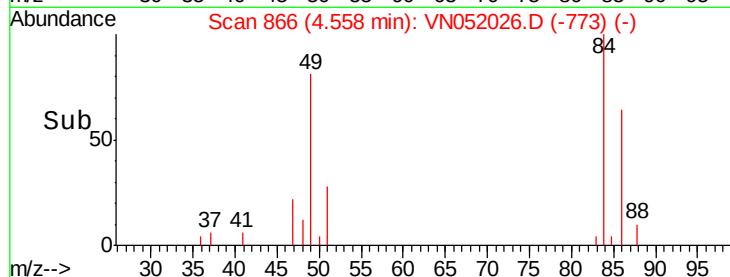
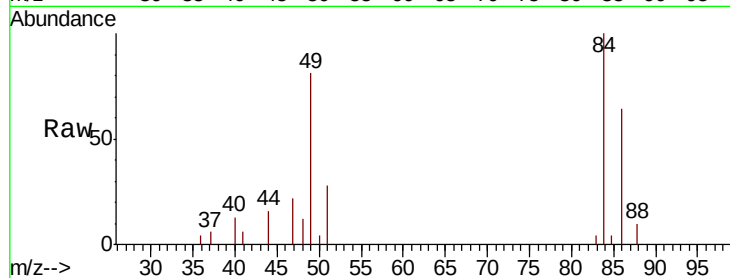
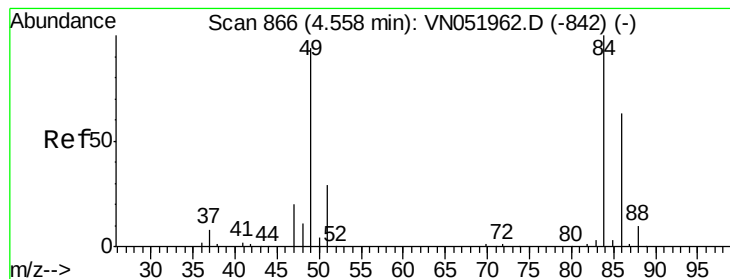
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 1.267 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052026.D

Acq: 26 Oct 2018 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#03

Tot Ion: 84 Resp: 13015

Ion Ratio Lower Upper

84 100

49 80.9 75.4 113.0

51 28.4 23.1 34.7

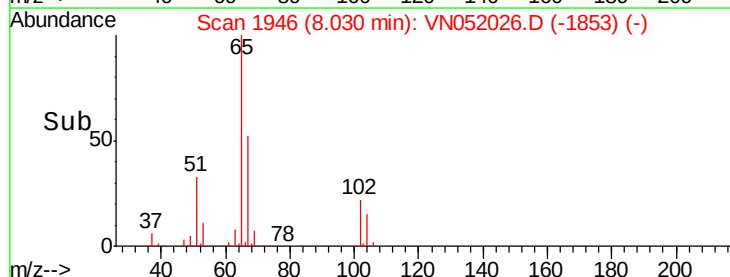
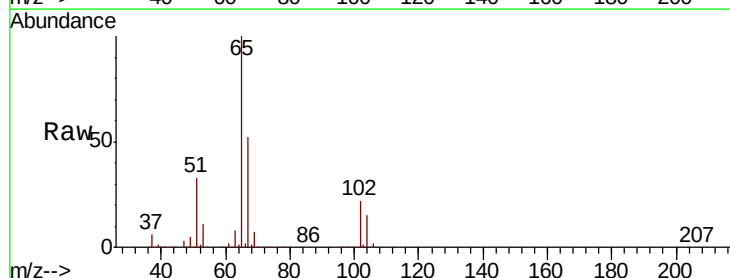
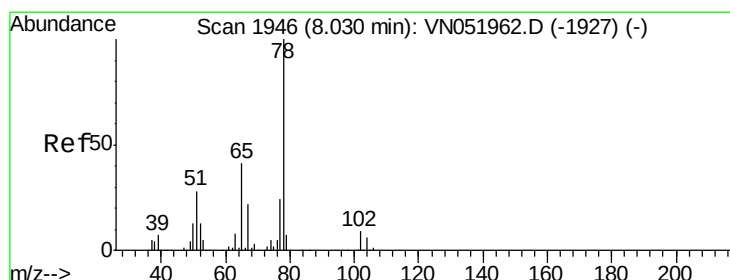
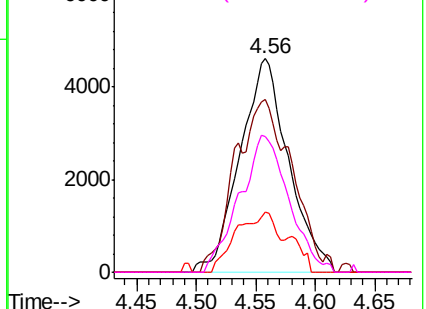
86 63.8 50.2 75.4

Abundance Ion 83.90 (83.60 to 84.60): VN051962.D (-842) (-)

Ion 48.90 (48.60 to 49.60): VN051962.D (-842) (-)

Ion 50.90 (50.60 to 51.60): VN051962.D (-842) (-)

Ion 85.90 (85.60 to 86.60): VN051962.D (-842) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052026.D

Acq: 26 Oct 2018 14:20

Tgt Ion: 65 Resp: 609577

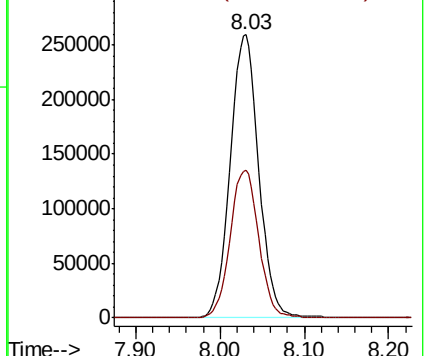
Ion Ratio Lower Upper

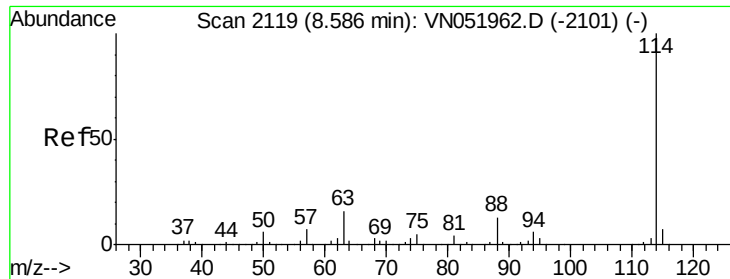
65 100

67 52.5 0.0 105.8

Abundance Ion 64.90 (64.60 to 65.60): VN051962.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN051962.D (-1927) (-)

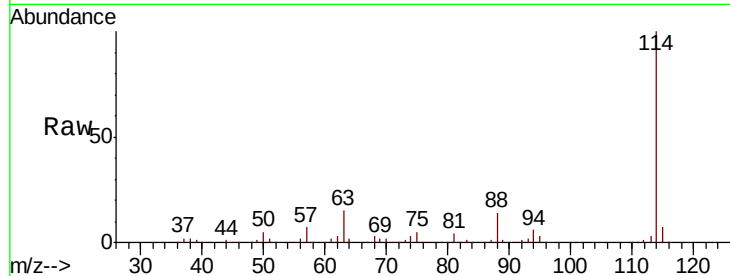




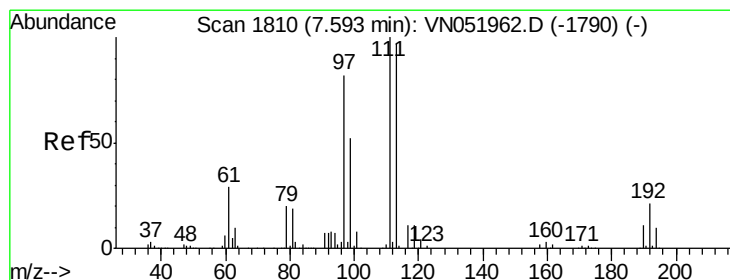
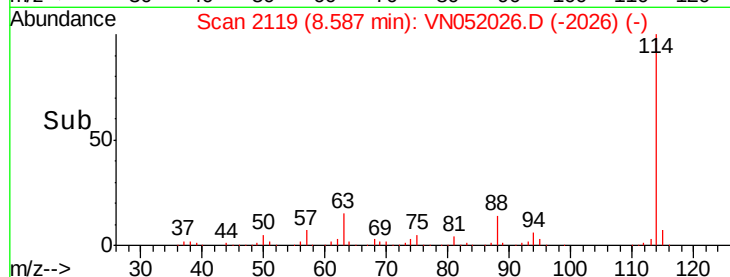
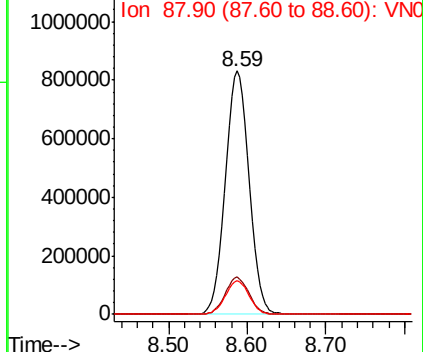
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052026.D
 Acq: 26 Oct 2018 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#03

Tot Ion:114 Resp: 1728573
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 31.2
 88 13.9 0.0 27.0

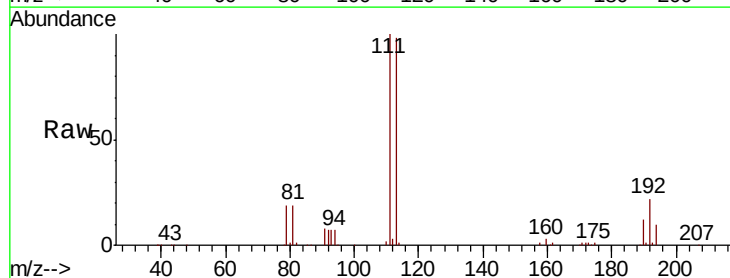


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

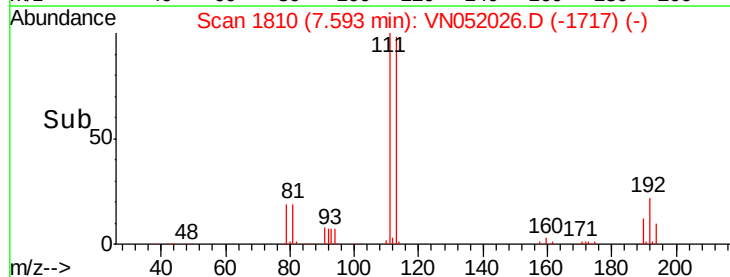
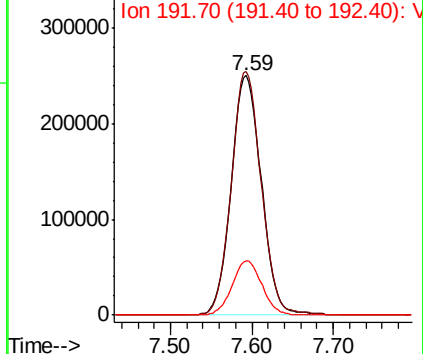


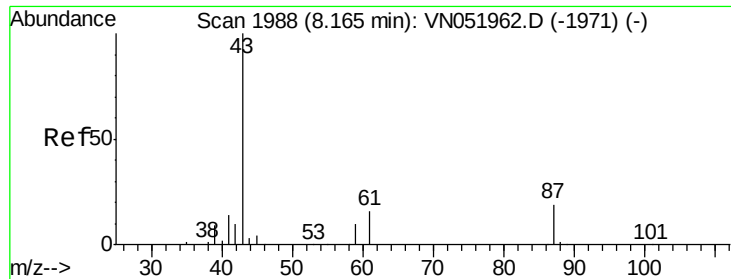
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052026.D
 Acq: 26 Oct 2018 14:20

Tgt Ion:113 Resp: 645684
 Ion Ratio Lower Upper
 113 100
 111 100.9 80.7 121.1
 192 22.3 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: 31.384 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052026.D

Acq: 26 Oct 2018 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#03

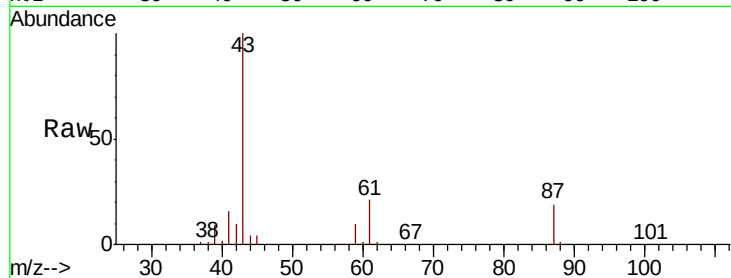
Tot Ion: 43 Resp: 348510

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

87 18.9 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

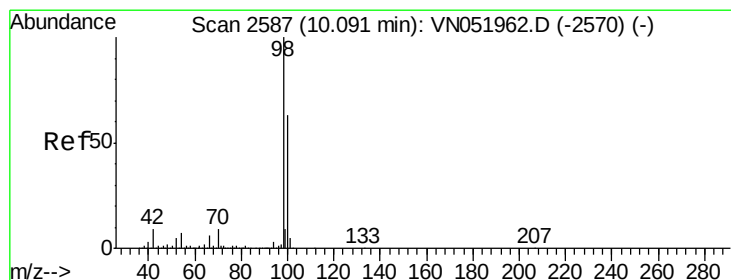
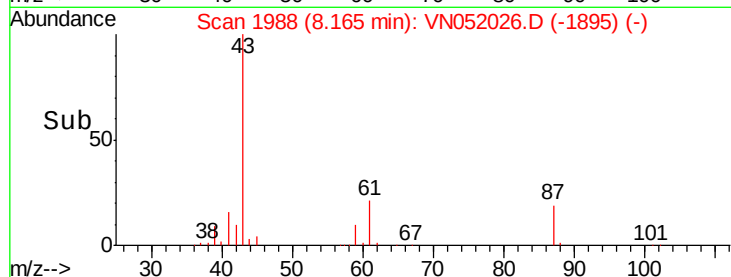
100000

50000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052026.D

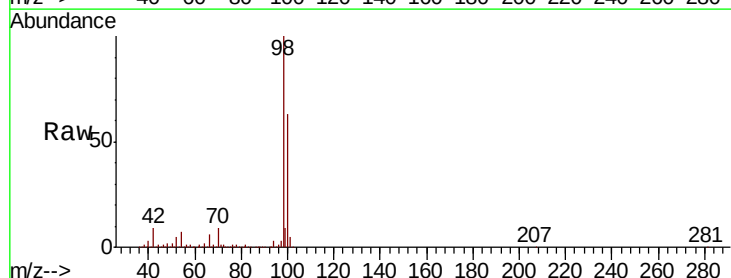
Acq: 26 Oct 2018 14:20

Tgt Ion: 98 Resp: 2380529

Ion Ratio Lower Upper

98 100

100 63.5 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

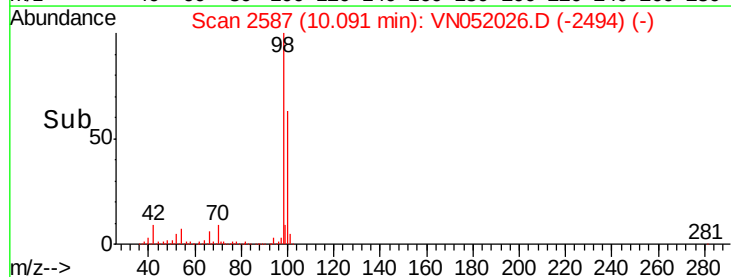
1000000

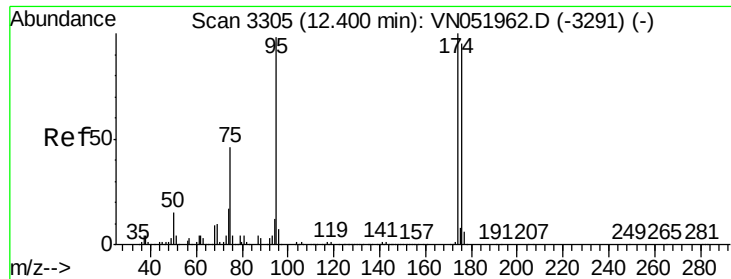
500000

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: VN052026.D

Acq: 26 Oct 2018 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#03

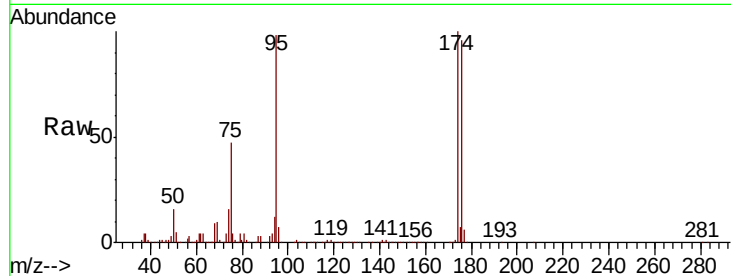
Tot Ion: 95 Resp: 764932

Ion Ratio Lower Upper

95 100

174 103.7 0.0 206.0

176 100.1 0.0 198.0

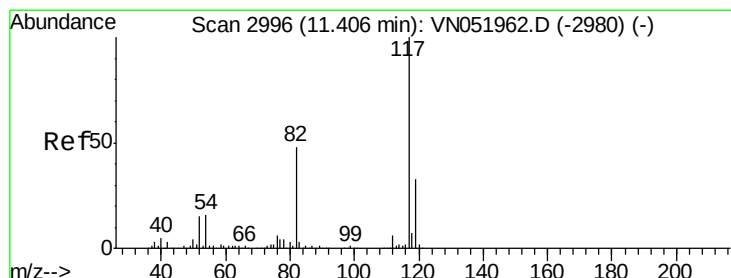
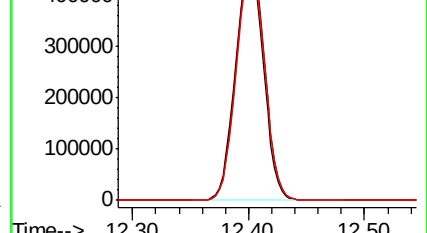
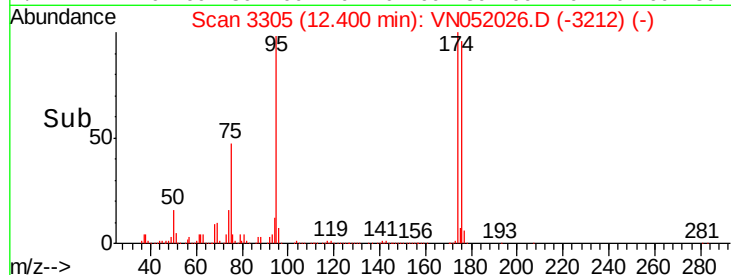


Abundance Ion 94.90 (94.60 to 95.60): VN051962.D (-3291) (-)

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

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

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052026.D

Acq: 26 Oct 2018 14:20

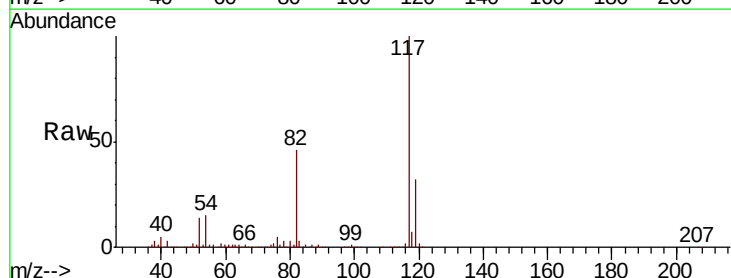
Tgt Ion: 117 Resp: 1664141

Ion Ratio Lower Upper

117 100

82 45.9 38.1 57.1

119 32.3 26.4 39.6

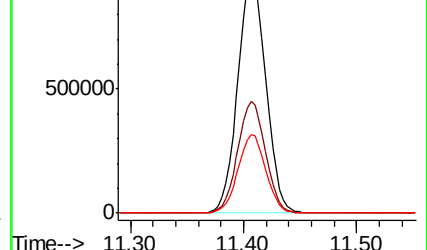
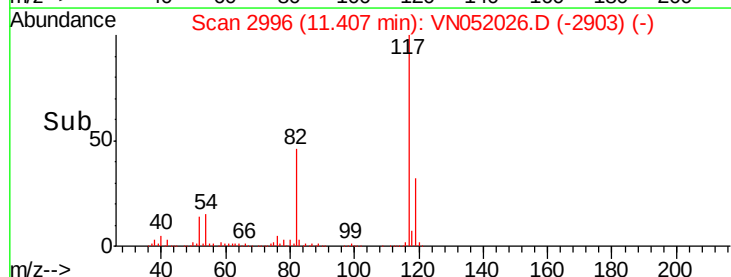


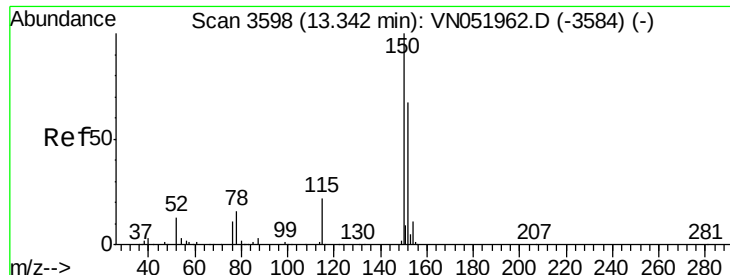
Abundance Ion 116.90 (116.60 to 117.60): VN051962.D (-2980) (-)

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

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

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052026.D

Acq: 26 Oct 2018 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#03

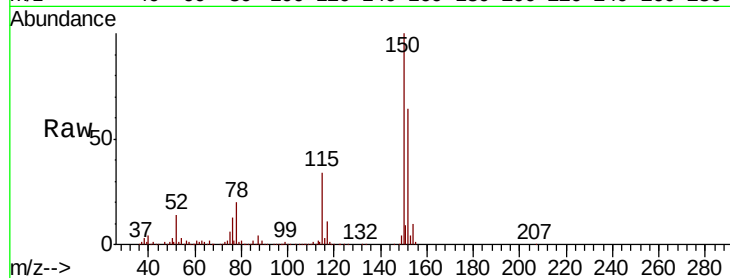
Tot Ion:152 Resp: 788700

Ion Ratio Lower Upper

152 100

115 52.6 25.8 77.3

150 155.6 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

