

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053632.D
 Acq On : 6 Feb 2019 14:03
 Operator : JC/SP
 Sample : PB116860ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116860ZHE#05

Quant Time: Feb 07 04:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

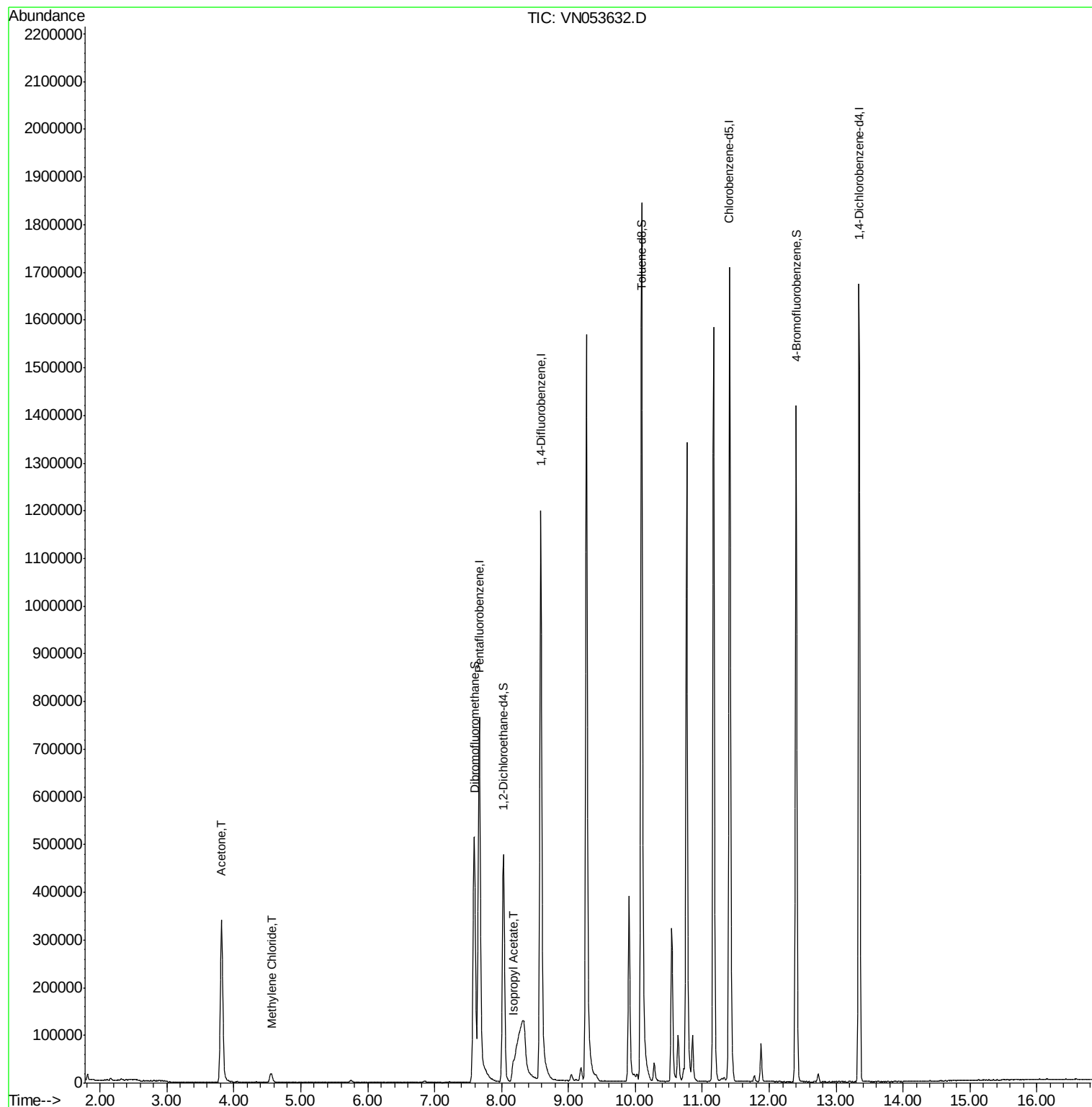
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	779303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1261916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	482513	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	408394	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	403920	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	10.09	98	1515195	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	505516	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
Target Compounds						
16) Acetone	3.82	43	575183	286.829	ug/l	99
20) Methylene Chloride	4.56	84	16109	1.915	ug/l	94
43) Isopropyl Acetate	8.17	43	40911	3.334	ug/l #	79

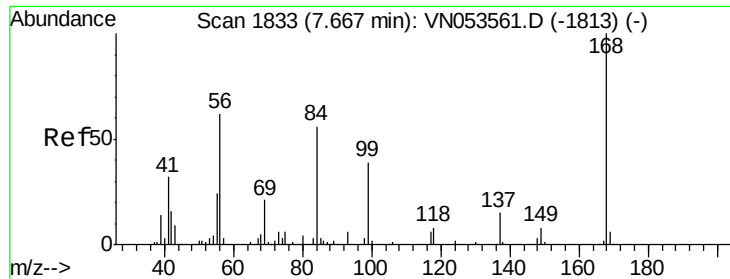
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053632.D

Acq: 6 Feb 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

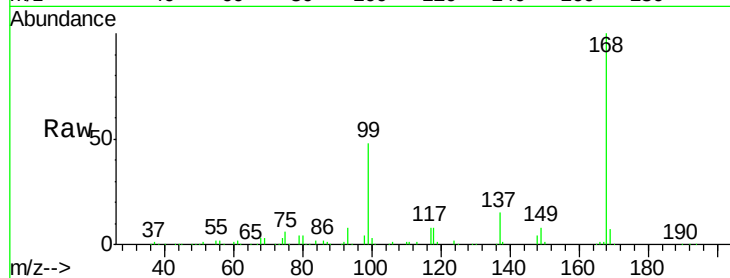
PB116860ZHE#05

Tot Ion:168 Resp: 779303

Ion Ratio Lower Upper

168 100

99 47.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053632.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053632.D (-1740) (-)

7.67

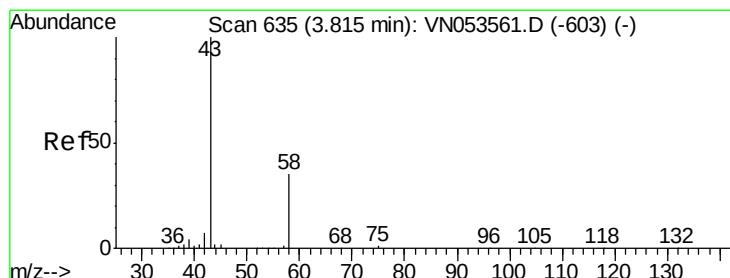
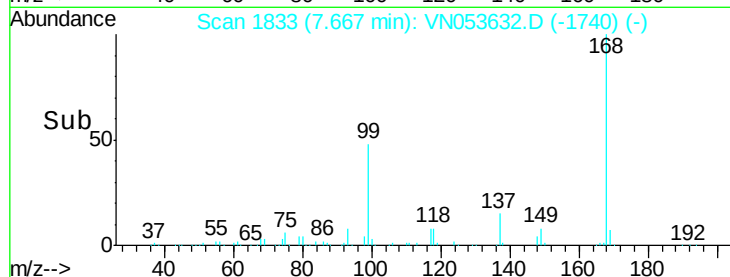
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 286.829 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053632.D

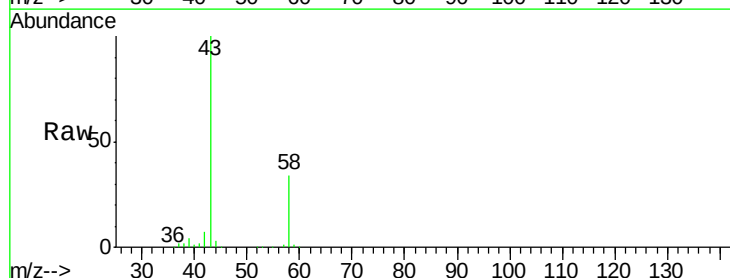
Acq: 6 Feb 2019 14:03

Tgt Ion: 43 Resp: 575183

Ion Ratio Lower Upper

43 100

58 34.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053632.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053632.D (-542) (-)

3.82

250000

200000

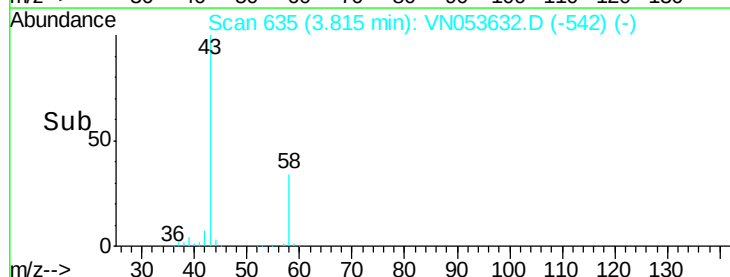
150000

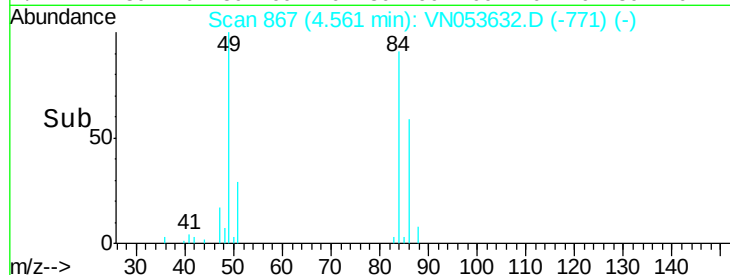
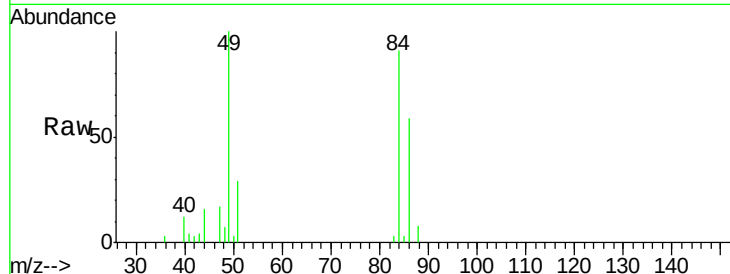
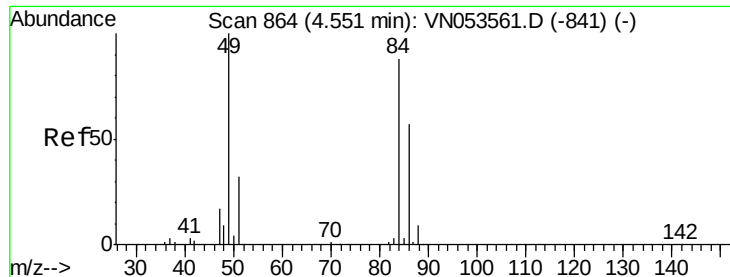
100000

50000

0

Time-->

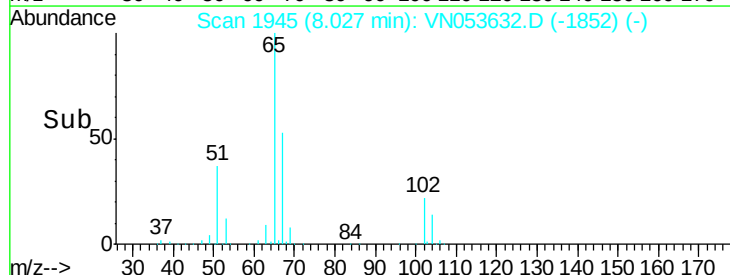
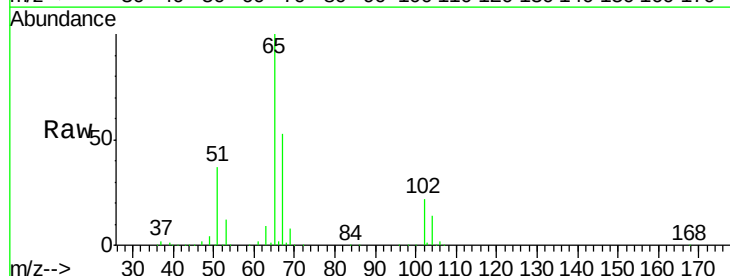
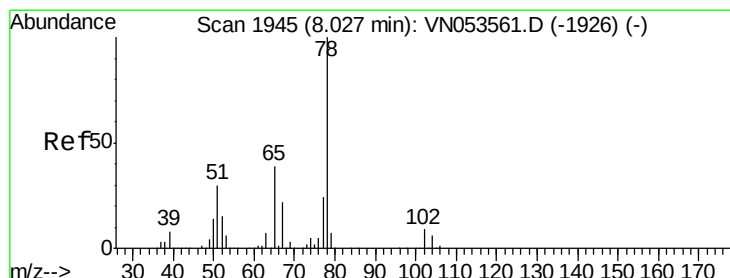
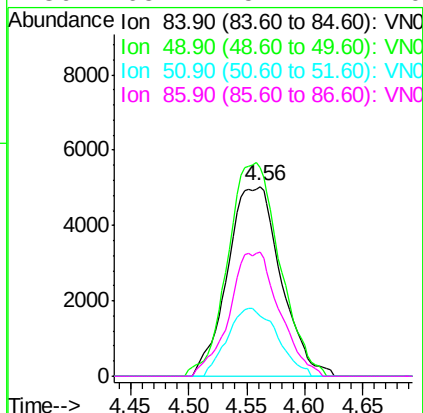




#20
Methvlene Chloride
Concen: 1.915 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053632.D
Acq: 6 Feb 2019 14:03

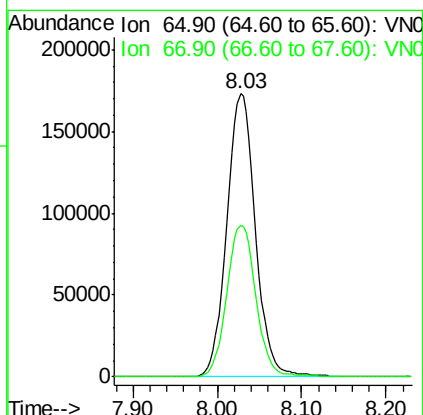
Instrument :
MSVOA_N
ClientSampleId :
PB116860ZHE#05

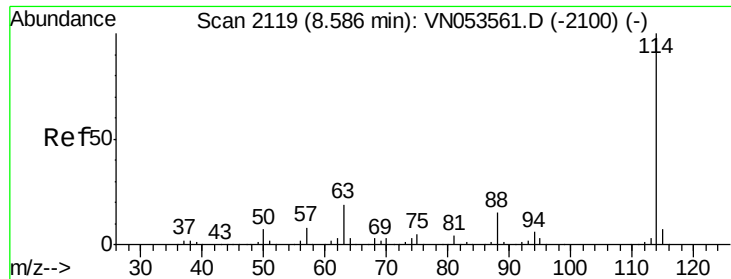
Tot Ion: 84	Resp: 16109
Ion Ratio	Lower Upper
84 100	
49 110.3	94.3 141.5
51 31.6	29.4 44.2
86 65.4	51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053632.D
Acq: 6 Feb 2019 14:03

Tgt Ion: 65	Resp: 408394
Ion Ratio	Lower Upper
65 100	
67 54.9	0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053632.D

Acq: 6 Feb 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#05

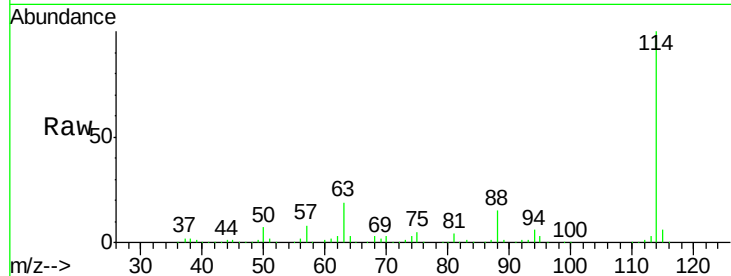
Tot Ion:114 Resp: 1261916

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

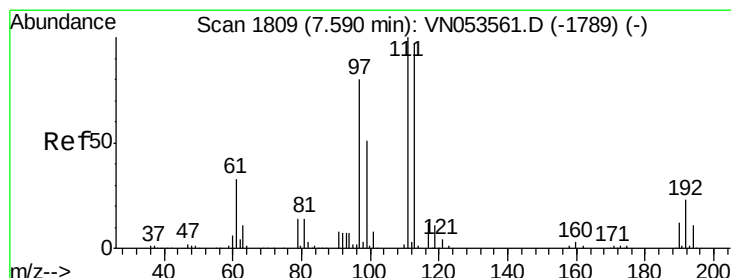
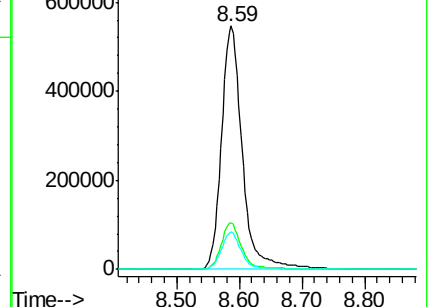
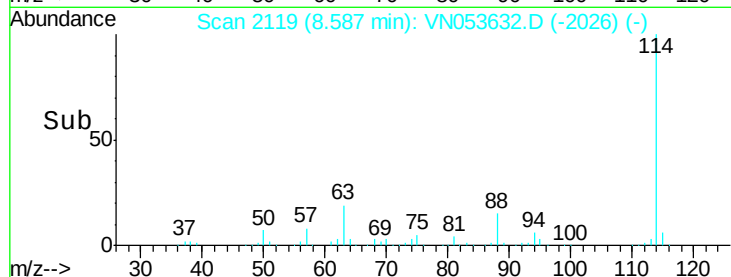
88 15.2 0.0 30.4



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: VN053632.D

Acq: 6 Feb 2019 14:03

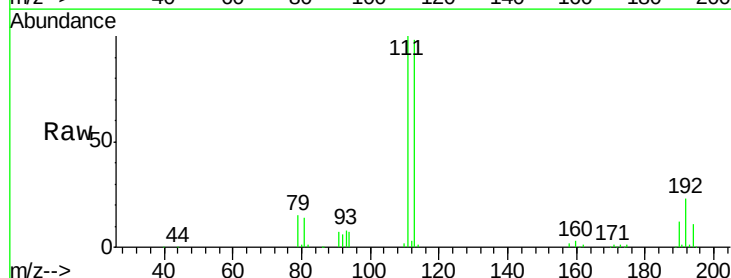
Tgt Ion:113 Resp: 403920

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

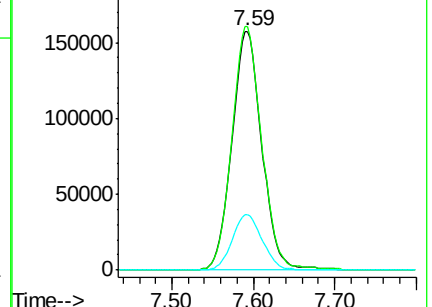
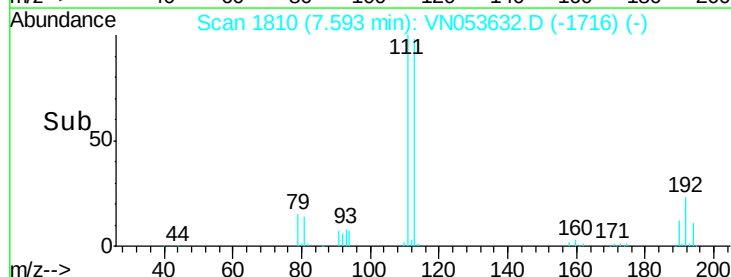
192 23.4 18.2 27.2

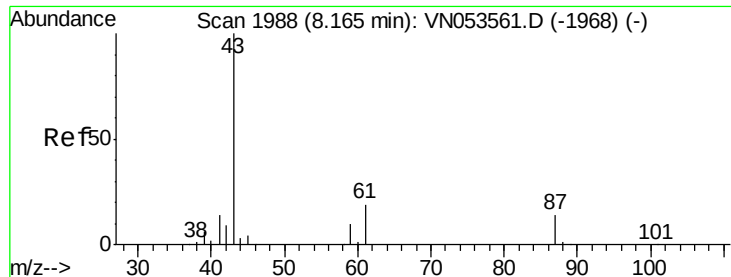


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.334 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053632.D

Acq: 6 Feb 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#05

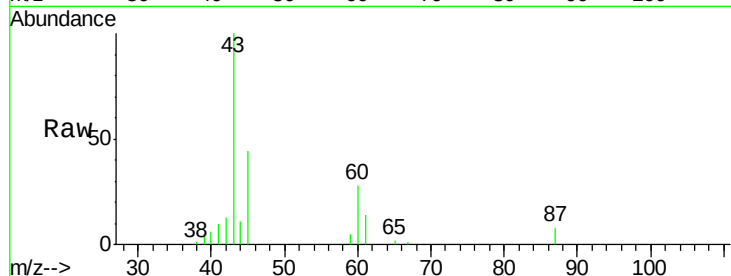
Tot Ion: 43 Resp: 40911

Ion Ratio Lower Upper

43 100

61 15.7 23.9 35.9#

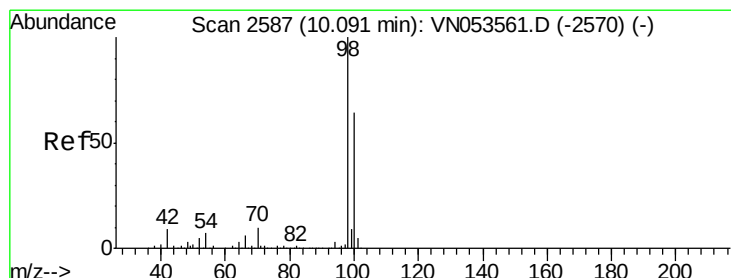
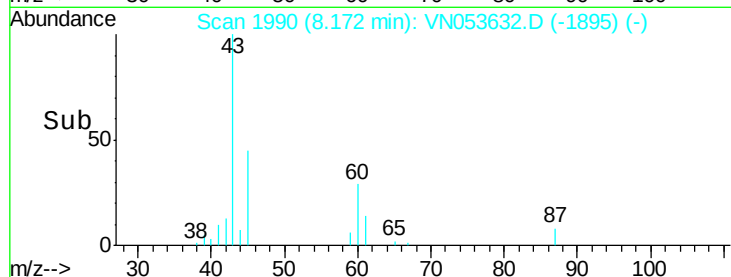
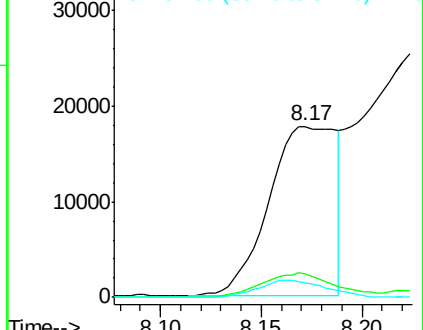
87 10.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053632.D

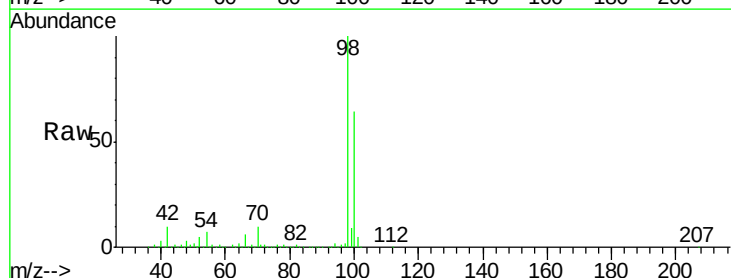
Acq: 6 Feb 2019 14:03

Tgt Ion: 98 Resp: 1515195

Ion Ratio Lower Upper

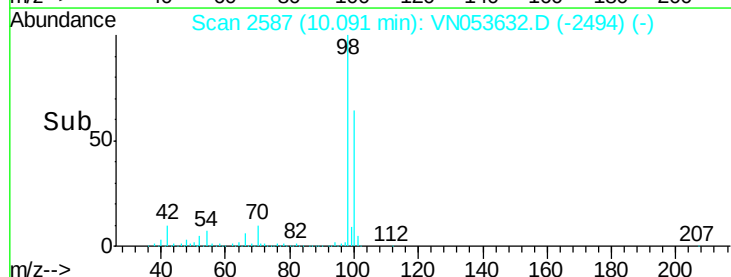
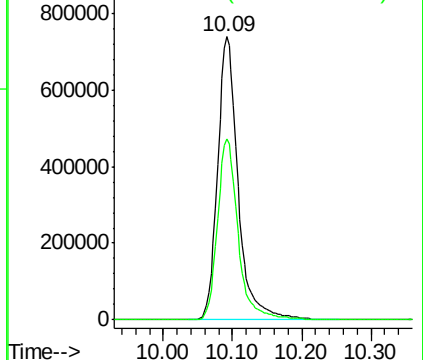
98 100

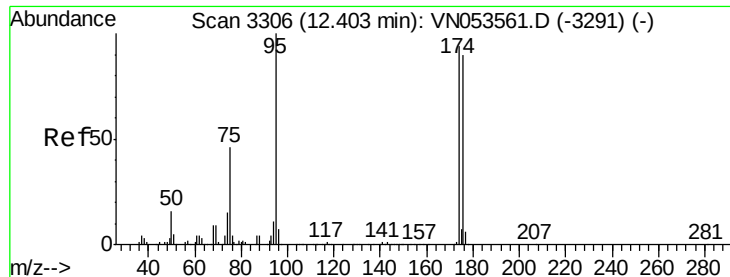
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053632.D

Acq: 6 Feb 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#05

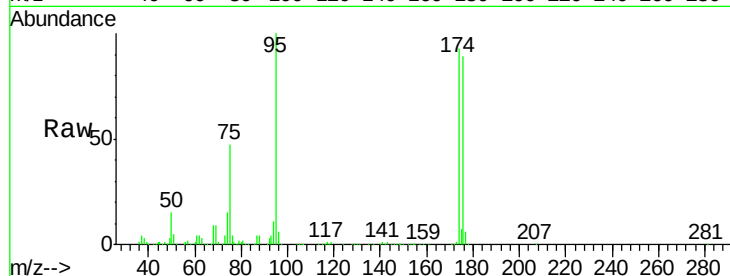
Tot Ion: 95 Resp: 505516

Ion Ratio Lower Upper

95 100

174 92.6 0.0 183.2

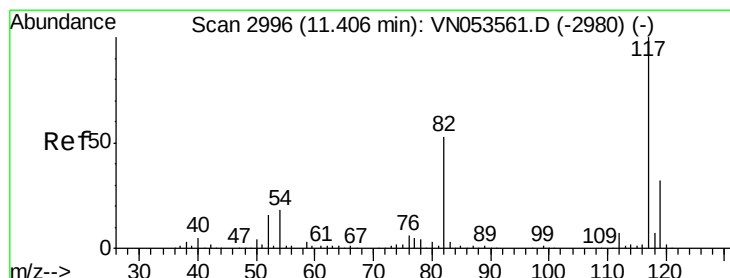
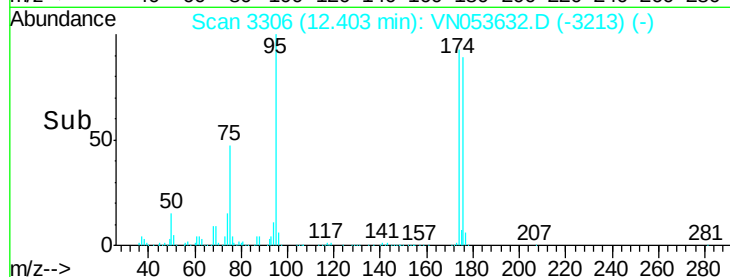
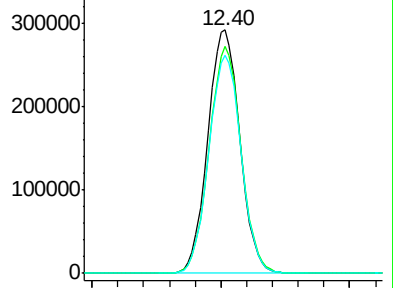
176 90.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053632.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053632.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053632.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053632.D

Acq: 6 Feb 2019 14:03

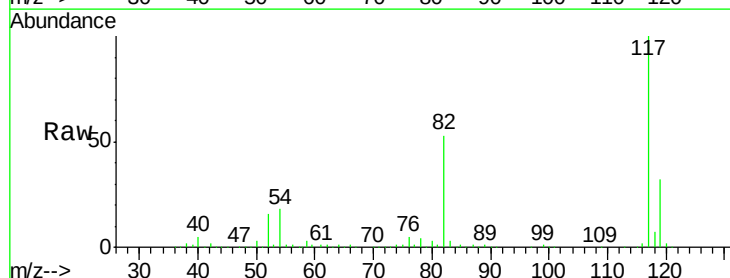
Tgt Ion: 117 Resp: 1141385

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

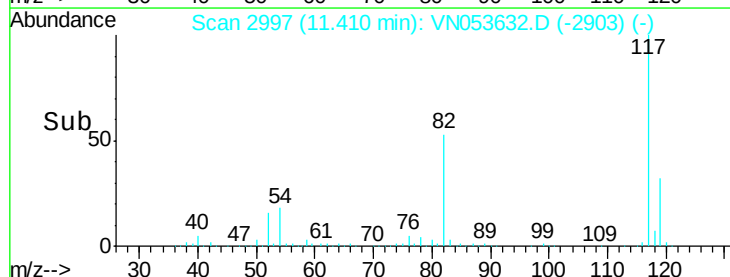
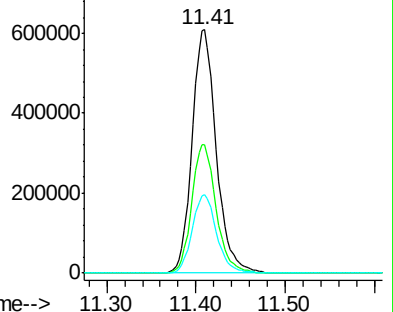
119 32.4 26.0 39.0

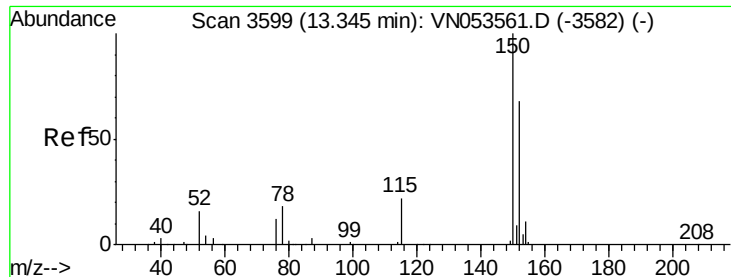


Abundance Ion 116.90 (116.60 to 117.60): VN053632.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053632.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053632.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053632.D

Acq: 6 Feb 2019 14:03

Instrument :

MSVOA_N

ClientSampleId :

PB116860ZHE#05

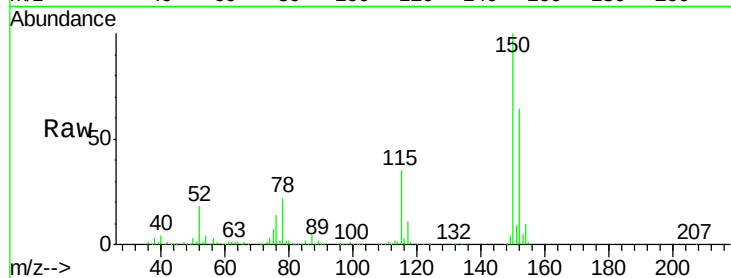
Tot Ion:152 Resp: 482513

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.4

150 156.8 0.0 349.0



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

