

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051987.D
 Acq On : 24 Oct 2018 14:54
 Operator : MD\SY
 Sample : PB114120ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114120ZHE#03

Quant Time: Oct 25 02:07:01 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

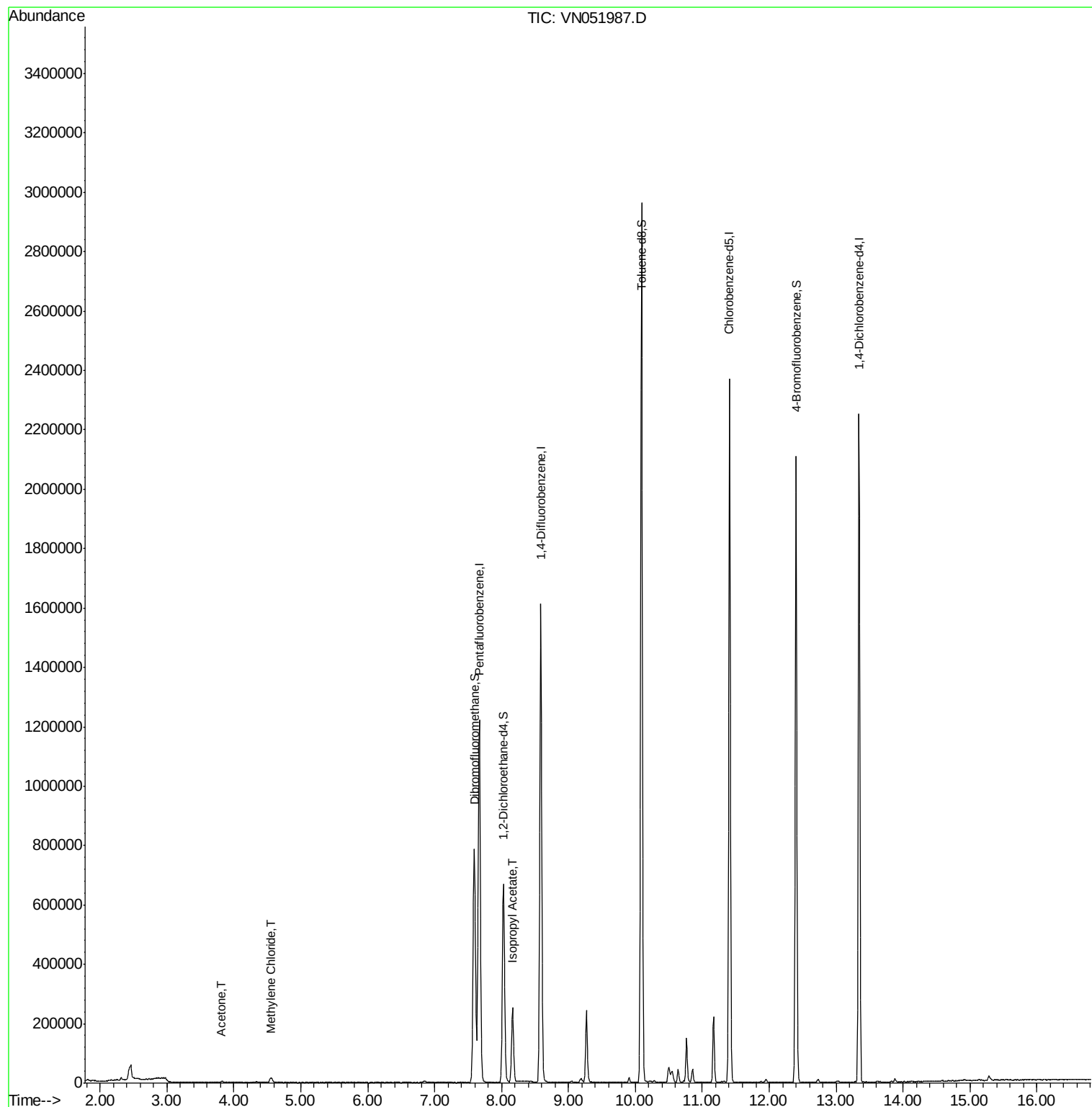
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1083427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1586928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1489817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	660155	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	565536	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
35) Dibromofluoromethane	7.59	113	586523	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.84%	
50) Toluene-d8	10.09	98	2189919	59.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.68%	
62) 4-Bromofluorobenzene	12.40	95	671248	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
Target Compounds						
16) Acetone	3.82	43	7183	4.518	ug/l	96
20) Methylene Chloride	4.55	84	13109	1.406	ug/l	94
43) Isopropyl Acetate	8.16	43	272149	26.695	ug/l	98

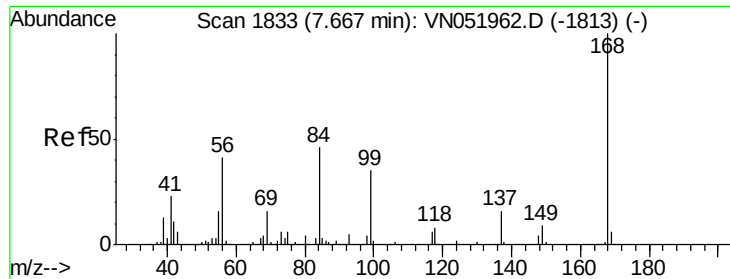
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051987.D

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Instrument :

MSVOA_N

ClientSampleId :

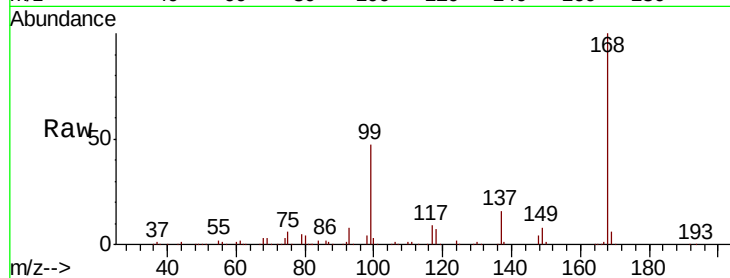
PB114120ZHE#03

Tot Ion:168 Resp: 1083427

Ion Ratio Lower Upper

168 100

99 46.8 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

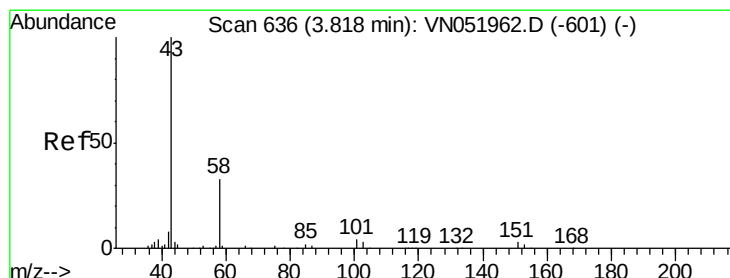
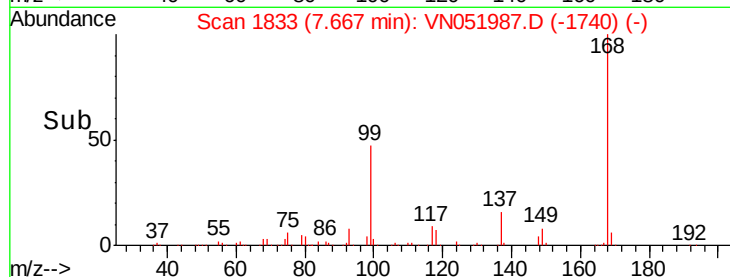
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.518 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051987.D

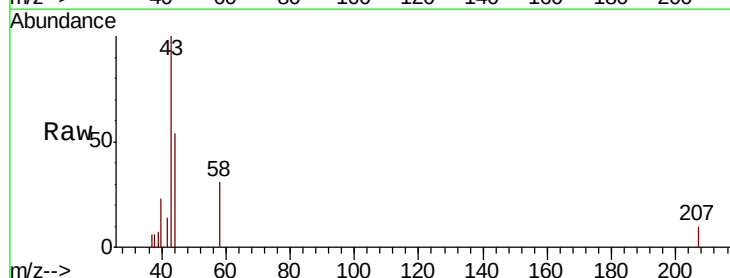
Acq: 24 Oct 2018 14:54

Tgt Ion: 43 Resp: 7183

Ion Ratio Lower Upper

43 100

58 31.3 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

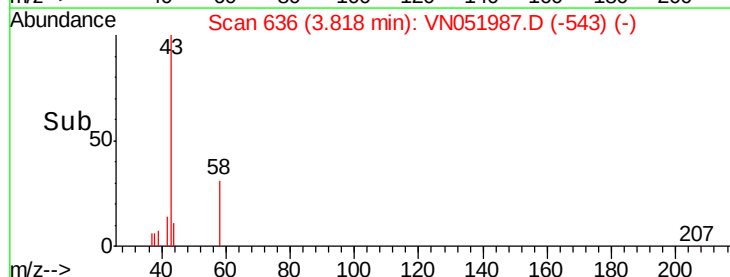
3000

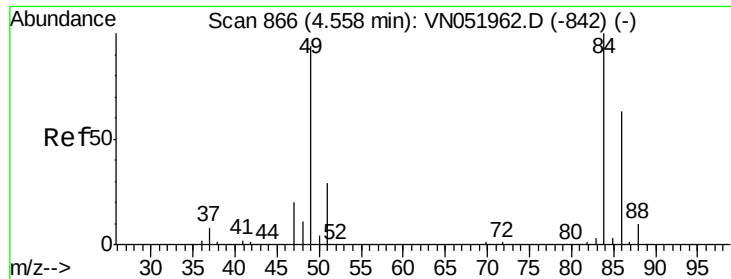
2000

1000

0

Time-->

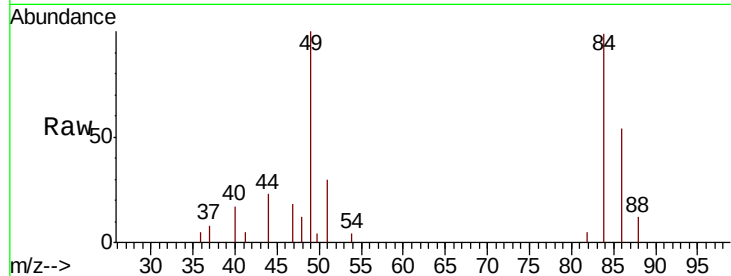




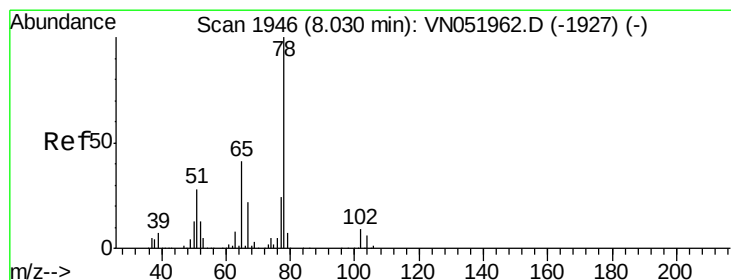
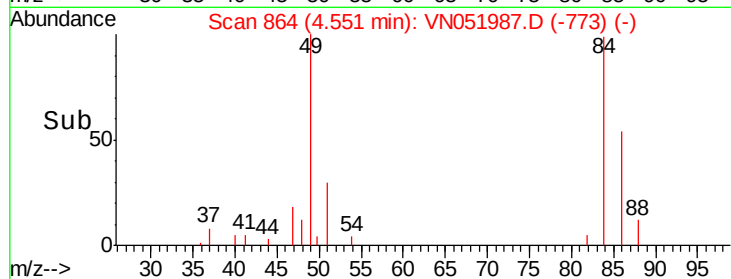
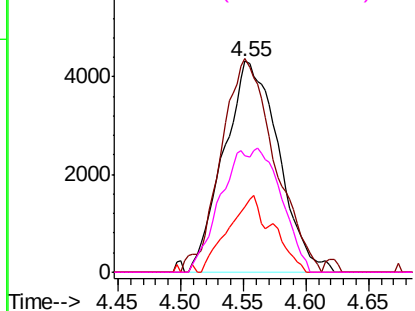
#20
Methylene Chloride
Concen: 1.406 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.01 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB114120ZHE#03

Tot Ion:	84	Resp:	13109
Ion	Ratio	Lower	Upper
84	100		
49	97.6	75.4	113.0
51	30.7	23.1	34.7
86	55.0	50.2	75.4

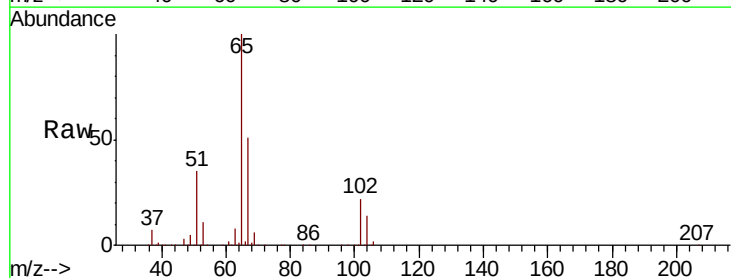


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

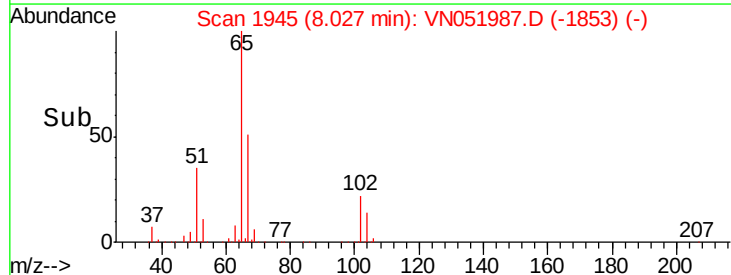
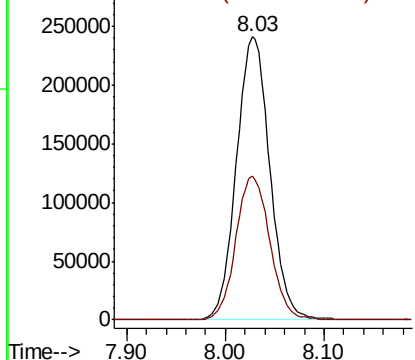


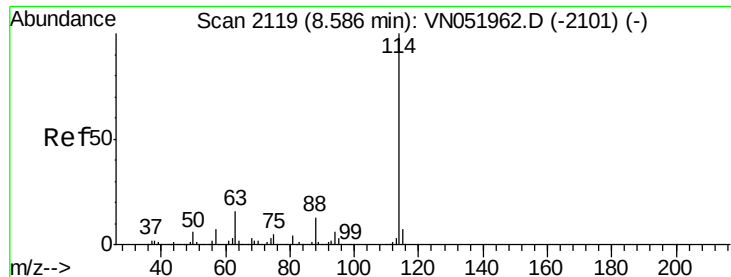
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion:	65	Resp:	565536
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	105.8



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: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#03

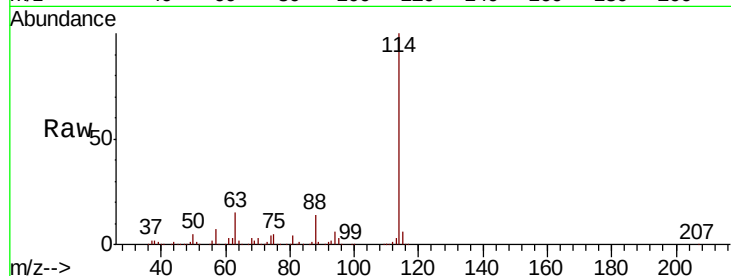
Tot Ion:114 Resp: 1586928

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.2

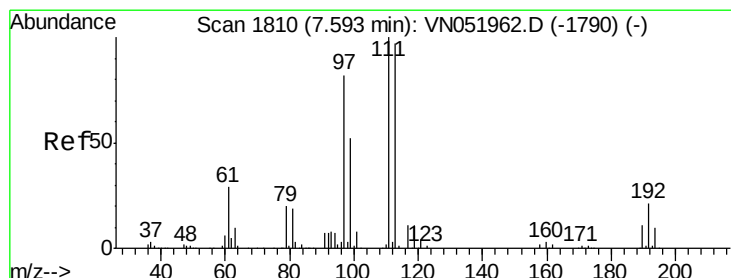
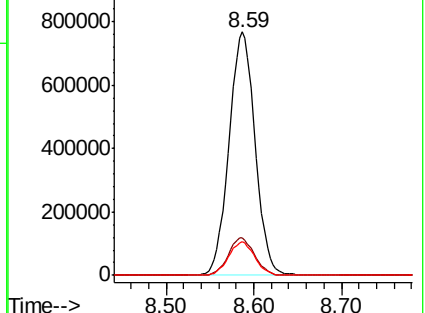
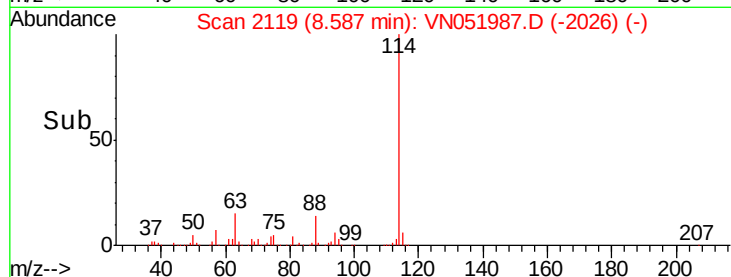
88 13.8 0.0 27.0



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: VN051987.D

Acq: 24 Oct 2018 14:54

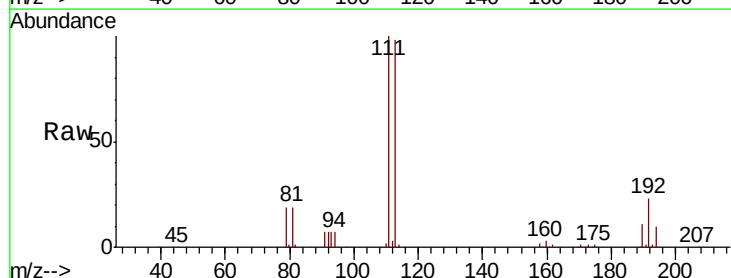
Tgt Ion:113 Resp: 586523

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

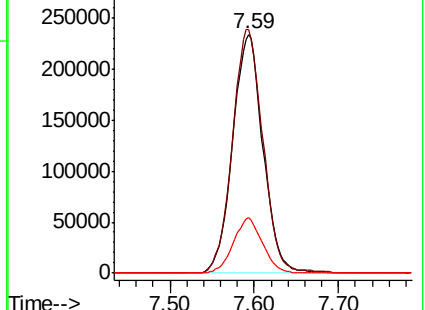
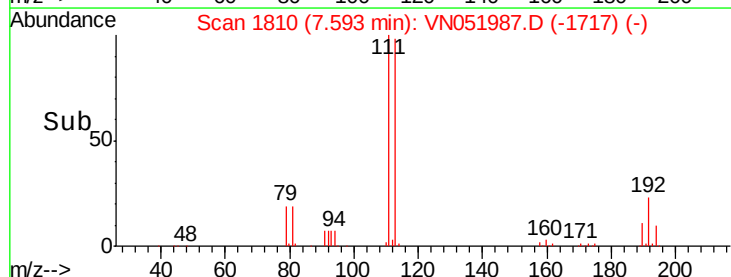
192 22.3 17.2 25.8

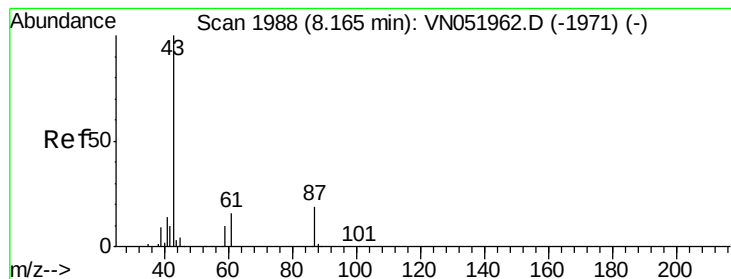


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 26.695 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#03

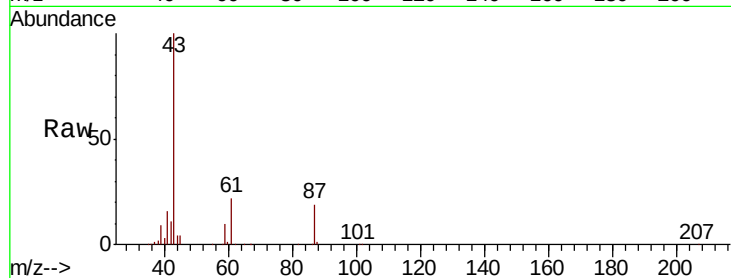
Tot Ion: 43 Resp: 272149

Ion Ratio Lower Upper

43 100

61 22.4 17.2 25.8

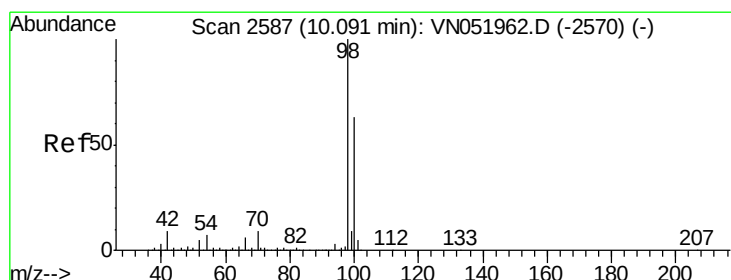
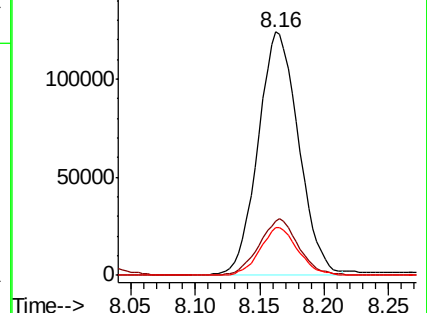
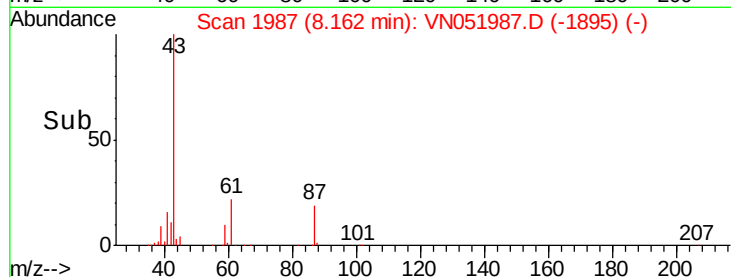
87 18.5 15.2 22.8



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051987.D

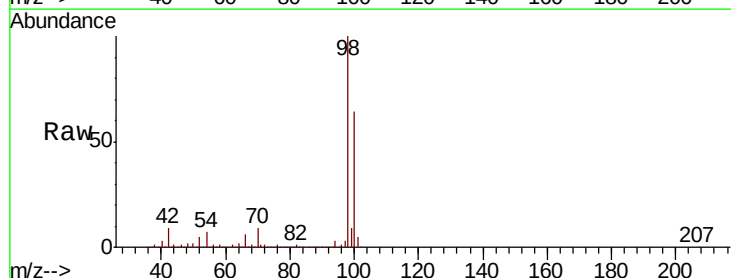
Acq: 24 Oct 2018 14:54

Tgt Ion: 98 Resp: 2189919

Ion Ratio Lower Upper

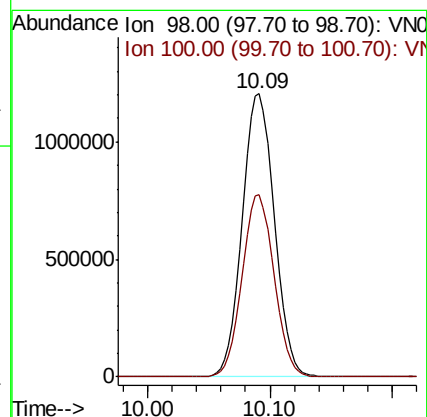
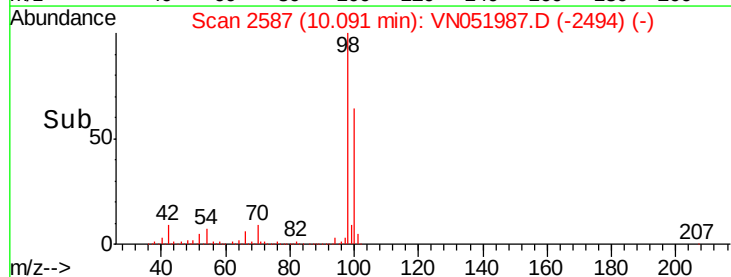
98 100

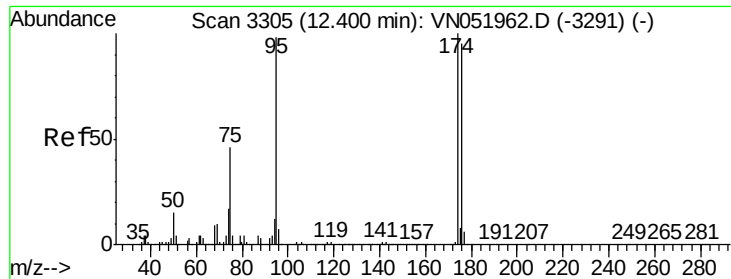
100 64.0 50.7 76.1



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

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

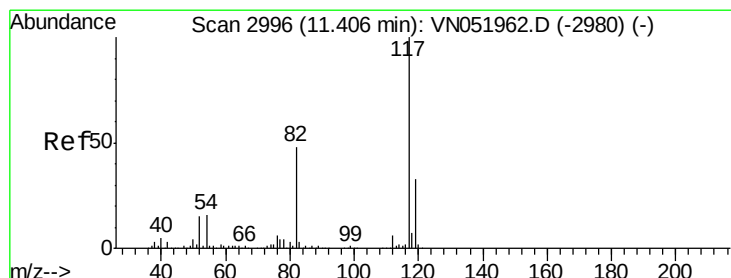
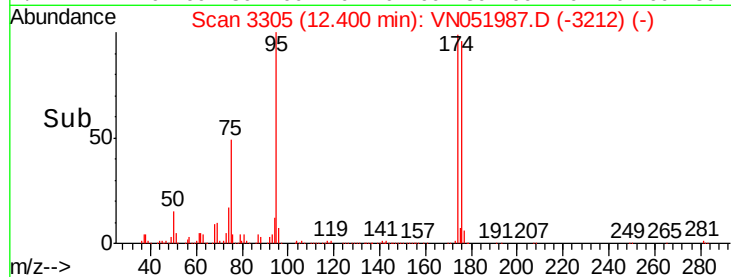
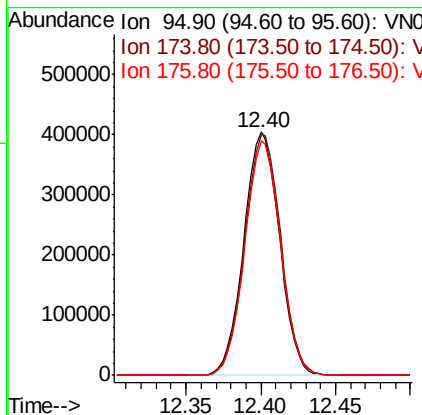
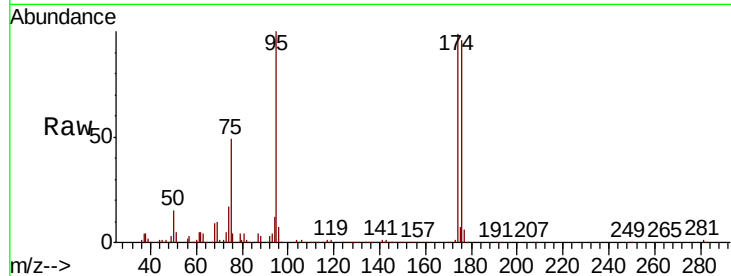




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

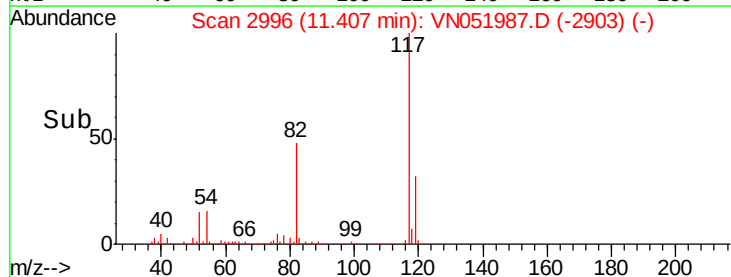
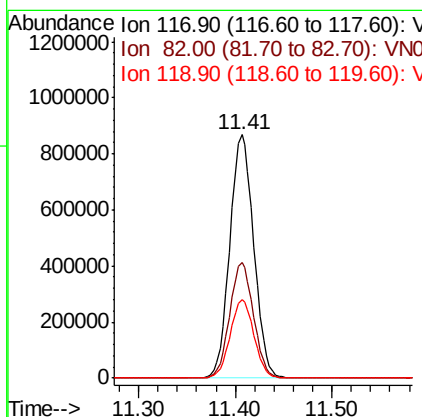
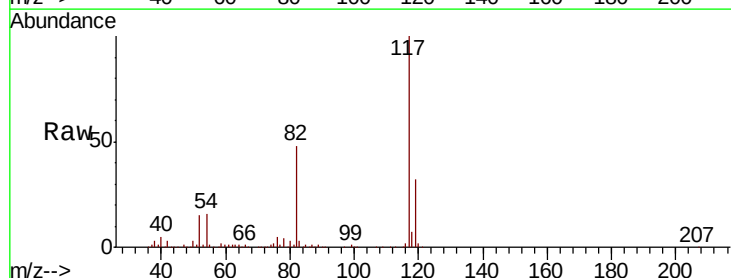
Instrument :
MSVOA_N
ClientSampleId :
PB114120ZHE#03

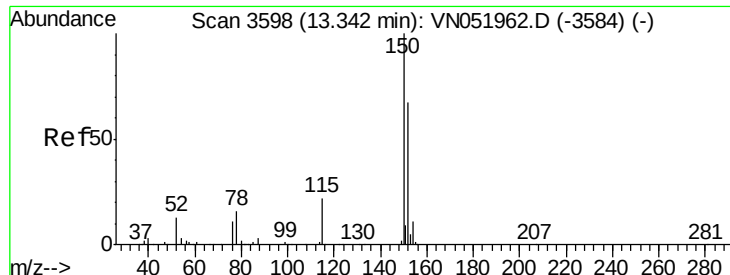
Tot Ion: 95 Resp: 671248
Ion Ratio Lower Upper
95 100
174 100.3 0.0 206.0
176 96.3 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 117 Resp: 1489817
Ion Ratio Lower Upper
117 100
82 47.5 38.1 57.1
119 32.4 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB114120ZHE#03

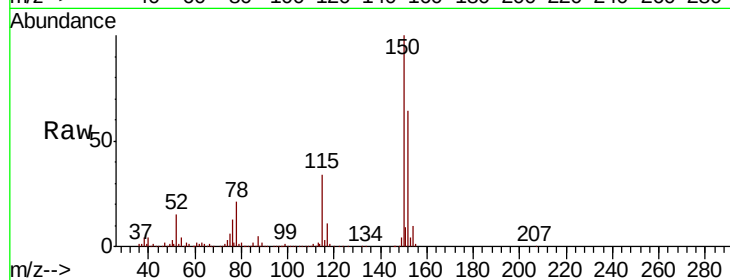
Tot Ion:152 Resp: 660155

Ion Ratio Lower Upper

152 100

115 53.9 25.8 77.3

150 155.3 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

