

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102618\
 Data File : VN052027.D
 Acq On : 26 Oct 2018 14:47
 Operator : MD\SY
 Sample : PB114195ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114195ZHE#04

Quant Time: Oct 27 00:23:46 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

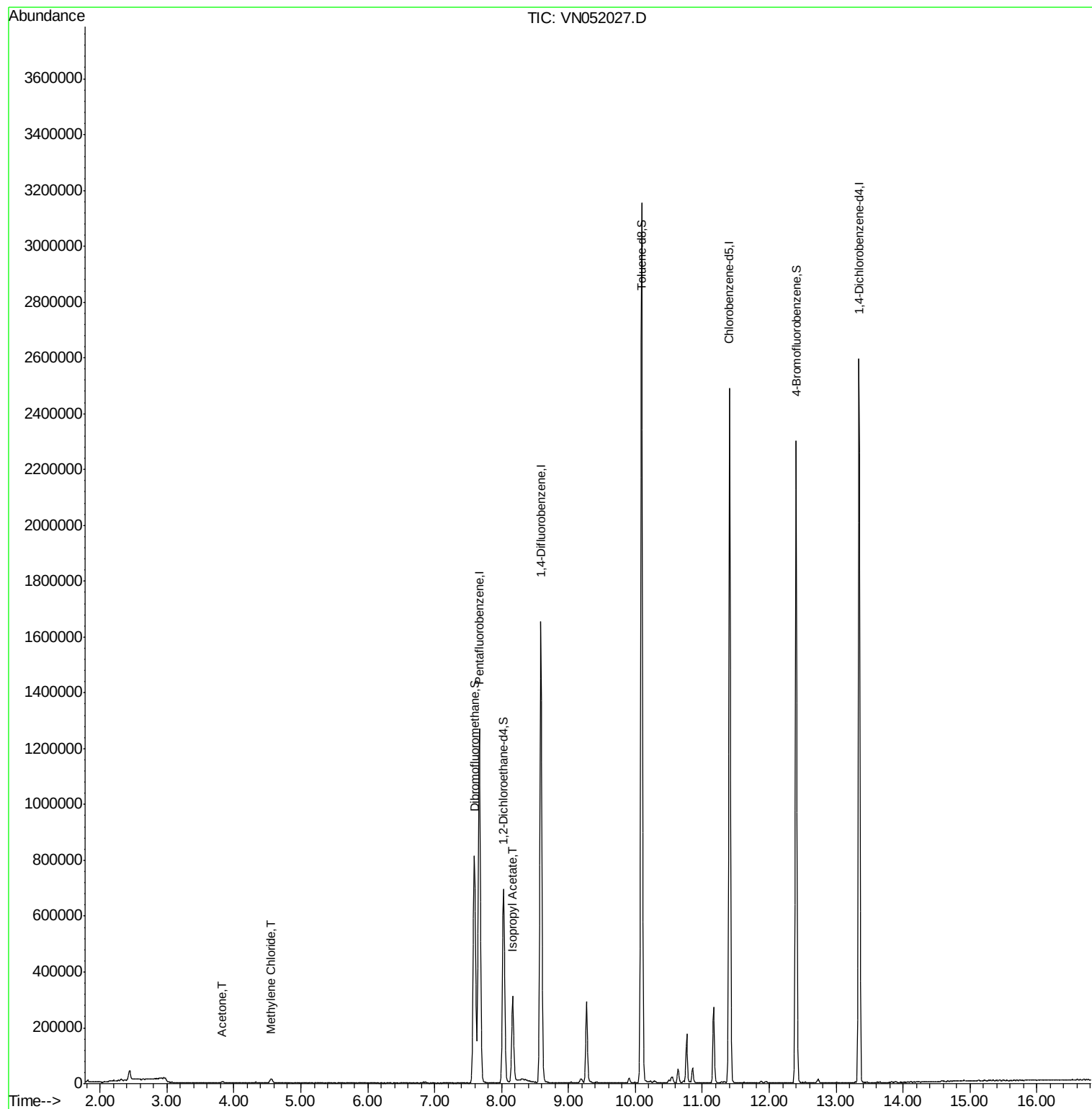
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1661537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1596810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	749409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	590153	57.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.98%	
35) Dibromofluoromethane	7.59	113	617882	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
50) Toluene-d8	10.09	98	2283769	59.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.22%	
62) 4-Bromofluorobenzene	12.40	95	723048	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
Target Compounds						
16) Acetone	3.82	43	9478	5.604	ug/l	92
20) Methylene Chloride	4.56	84	13315	1.342	ug/l #	82
43) Isopropyl Acetate	8.17	43	347505	32.556	ug/l	99

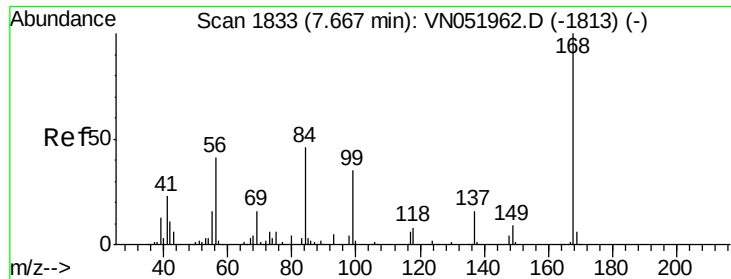
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052027.D

Acq: 26 Oct 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

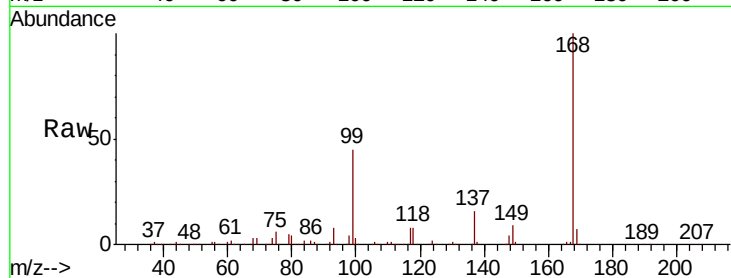
PB114195ZHE#04

Tot Ion:168 Resp: 1152518

Ion Ratio Lower Upper

168 100

99 45.4 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

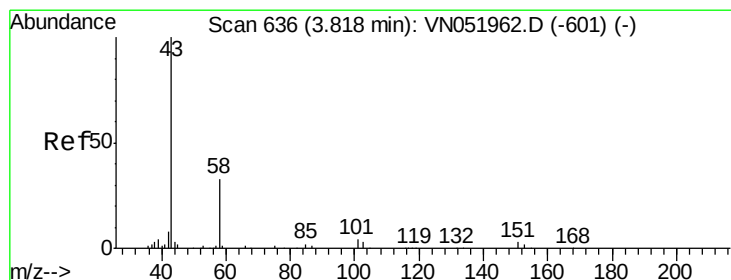
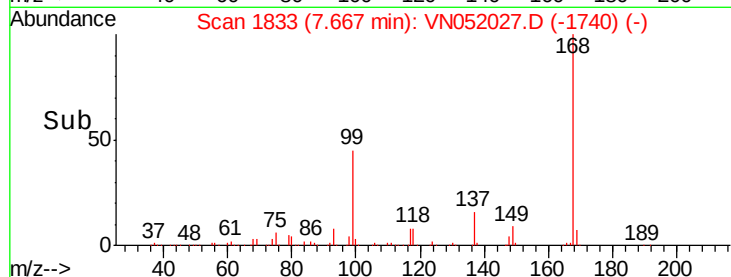
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.604 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052027.D

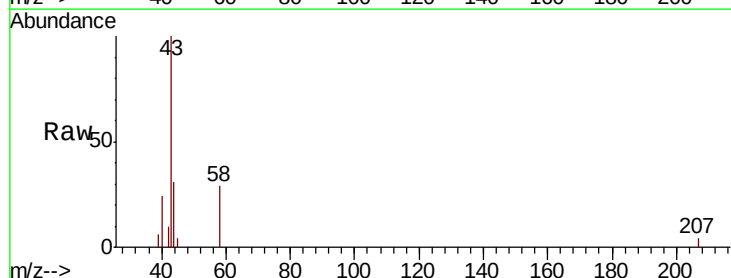
Acq: 26 Oct 2018 14:47

Tgt Ion: 43 Resp: 9478

Ion Ratio Lower Upper

43 100

58 28.9 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

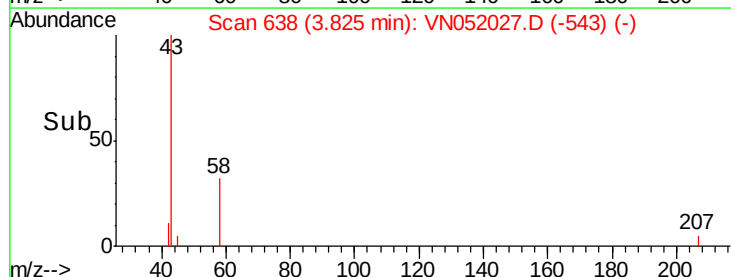
3000

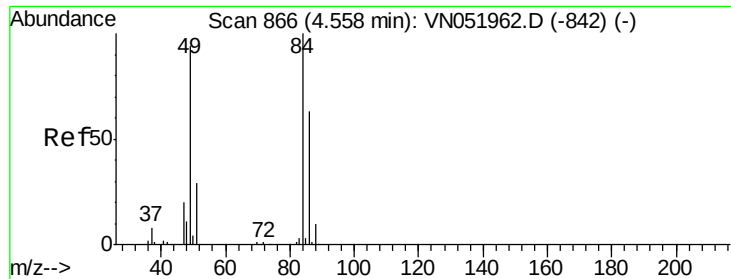
2000

1000

0

Time-->

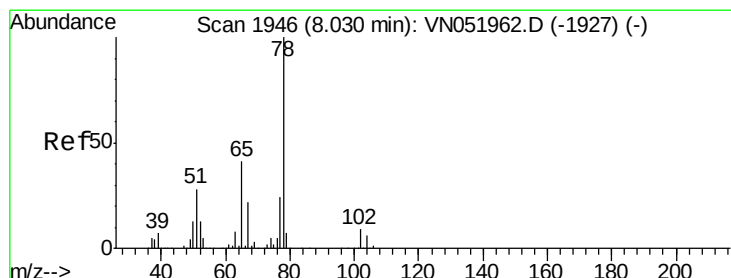
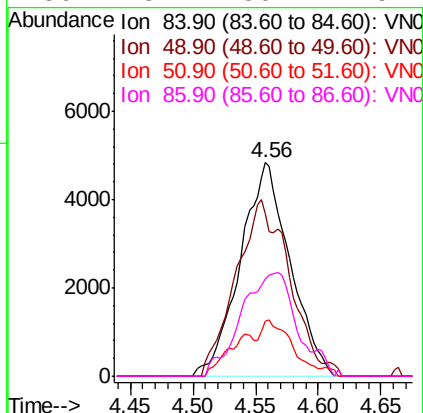
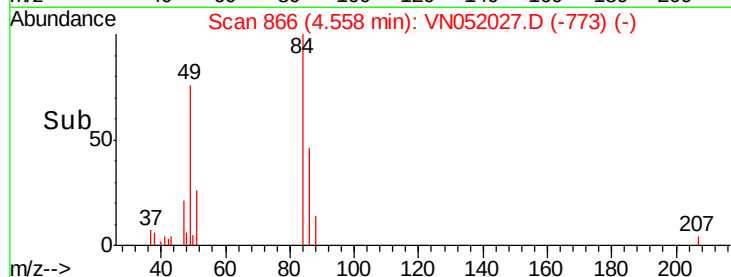
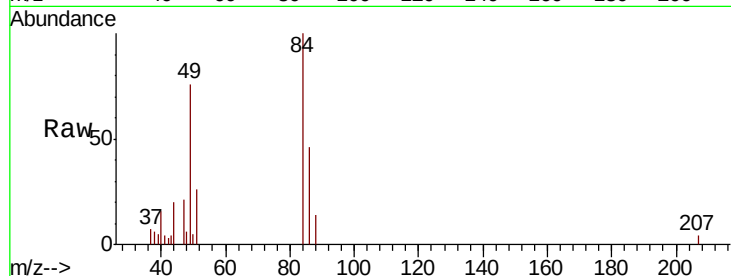




#20
Methvlene Chloride
Concen: 1.342 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052027.D
Acq: 26 Oct 2018 14:47

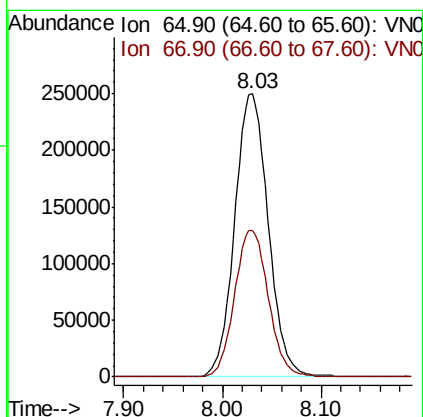
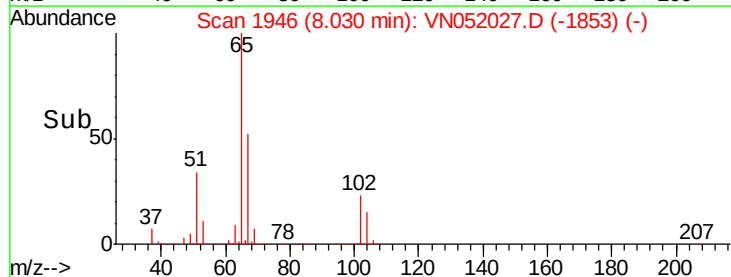
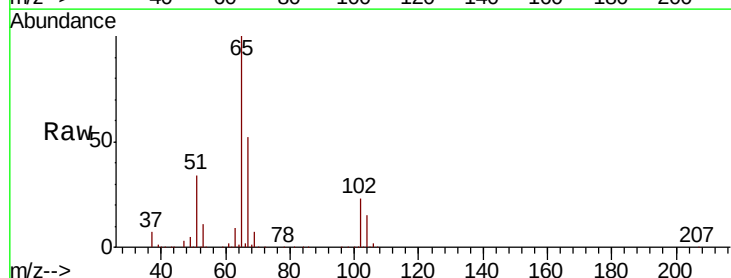
Instrument :
MSVOA_N
ClientSampleId :
PB114195ZHE#04

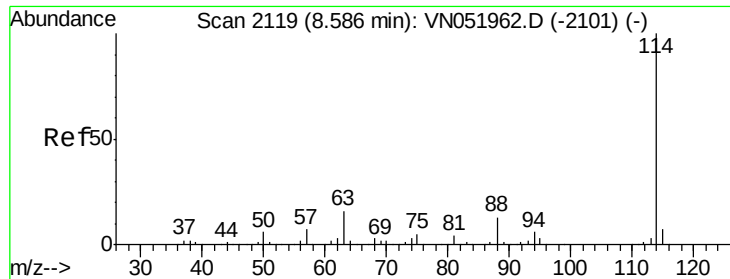
Tot Ion: 84 Resp: 13315
Ion Ratio Lower Upper
84 100
49 76.0 75.4 113.0
51 26.0 23.1 34.7
86 45.7 50.2 75.4#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052027.D
Acq: 26 Oct 2018 14:47

Tgt Ion: 65 Resp: 590153
Ion Ratio Lower Upper
65 100
67 52.2 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: VN052027.D

Acq: 26 Oct 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#04

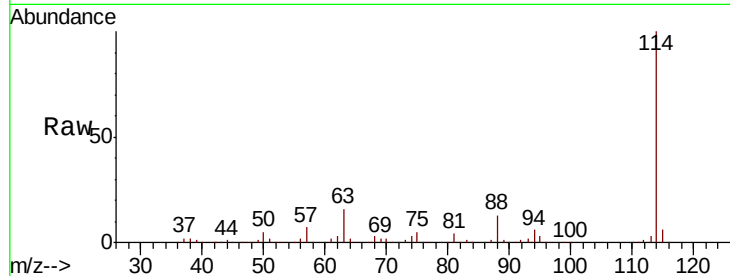
Tot Ion:114 Resp: 1661537

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.2

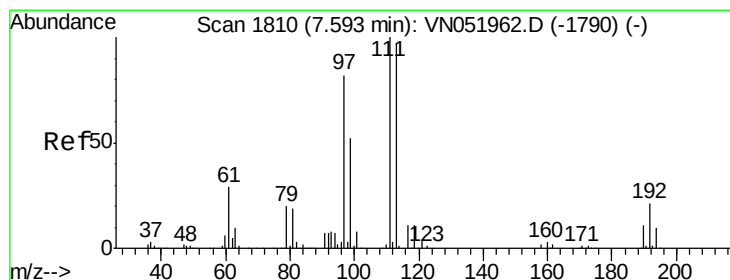
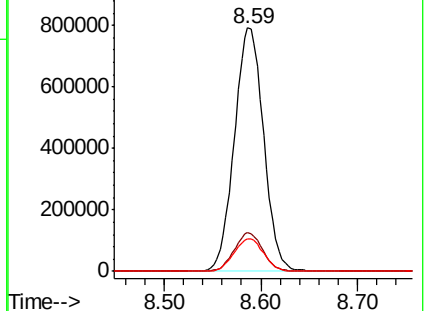
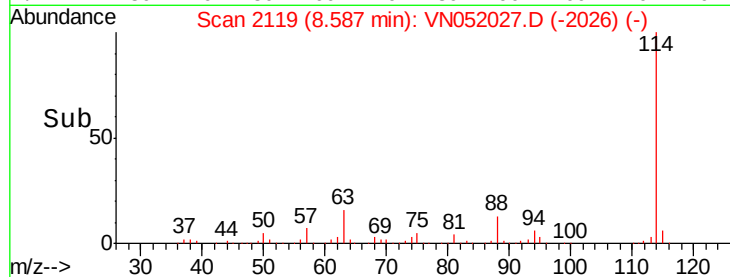
88 13.1 0.0 27.0



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: VN052027.D

Acq: 26 Oct 2018 14:47

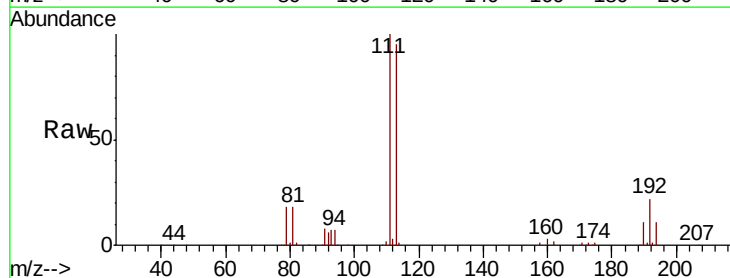
Tgt Ion:113 Resp: 617882

Ion Ratio Lower Upper

113 100

111 103.0 80.7 121.1

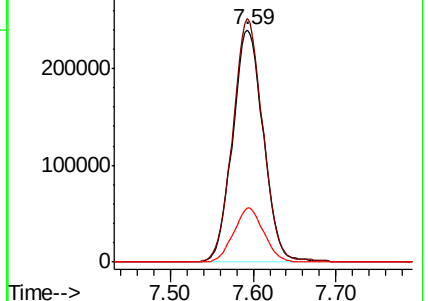
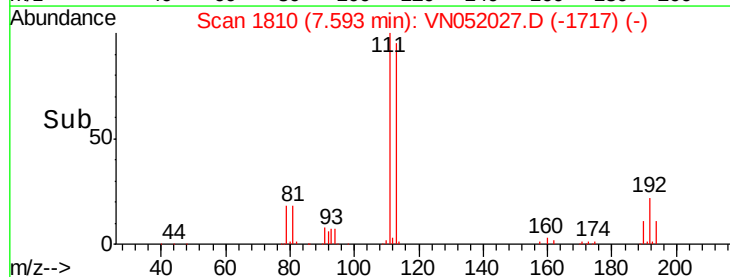
192 22.8 17.2 25.8

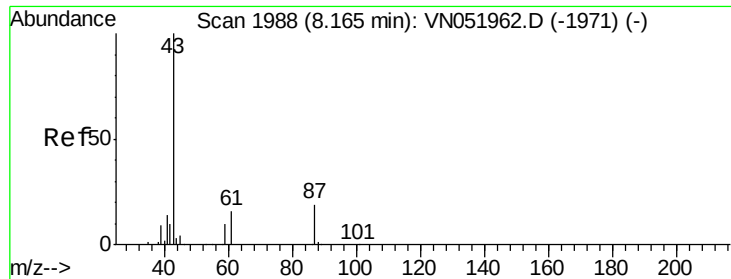


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 32.556 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052027.D

Acq: 26 Oct 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#04

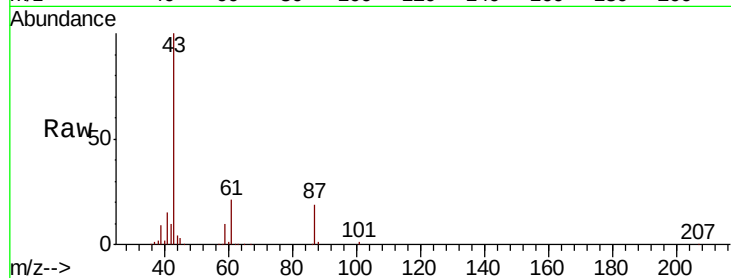
Tot Ion: 43 Resp: 347505

Ion Ratio Lower Upper

43 100

61 21.1 17.2 25.8

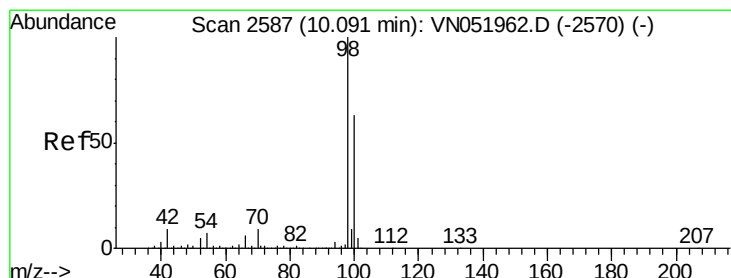
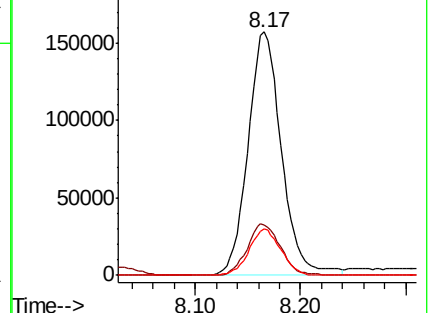
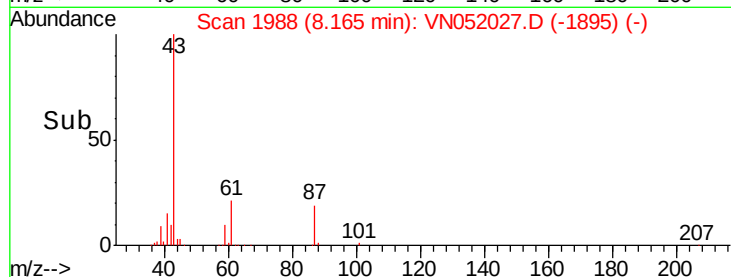
87 18.2 15.2 22.8



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052027.D

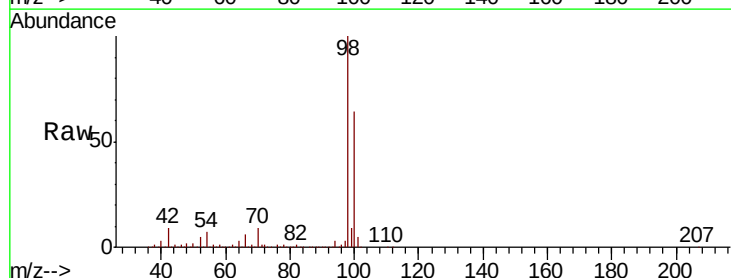
Acq: 26 Oct 2018 14:47

Tgt Ion: 98 Resp: 2283769

Ion Ratio Lower Upper

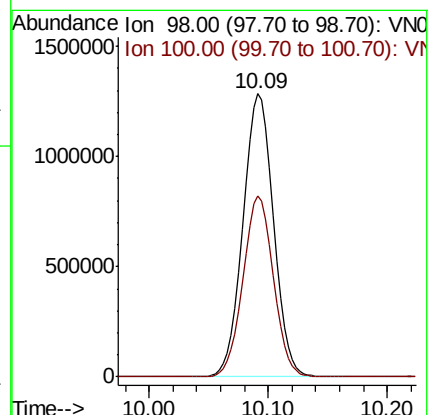
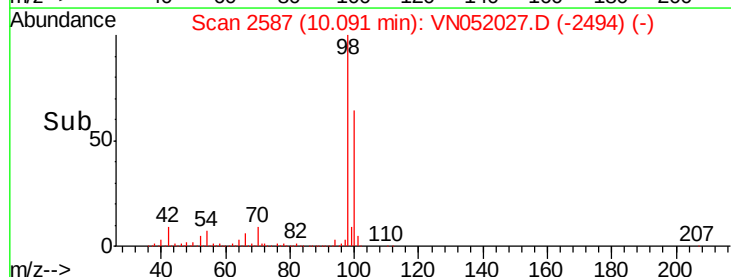
98 100

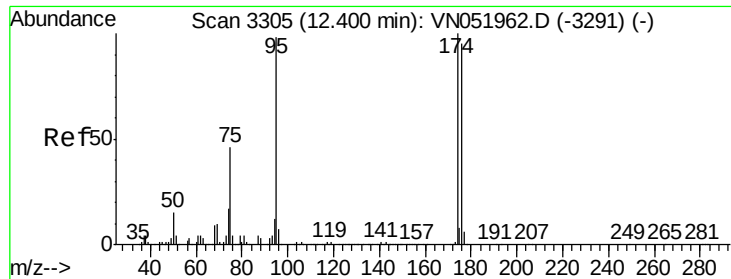
100 63.7 50.7 76.1



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: VN052027.D

Acq: 26 Oct 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#04

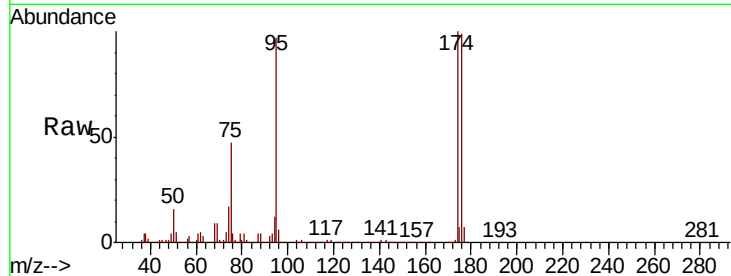
Tot Ion: 95 Resp: 723048

Ion Ratio Lower Upper

95 100

174 104.5 0.0 206.0

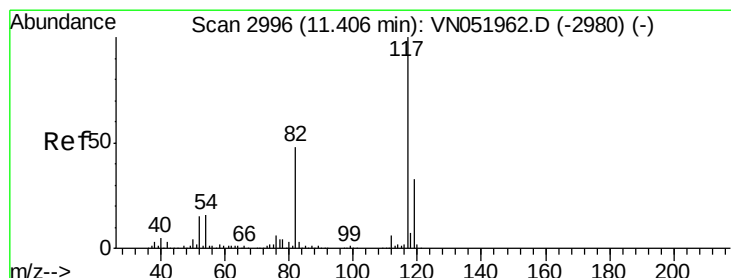
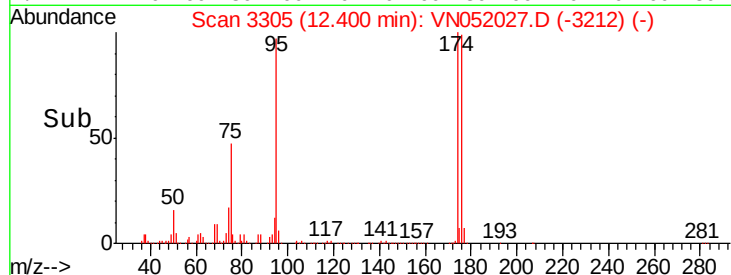
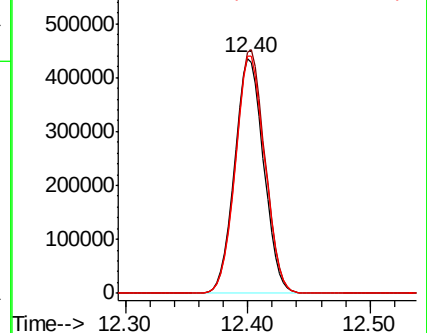
176 101.9 0.0 198.0



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: VN052027.D

Acq: 26 Oct 2018 14:47

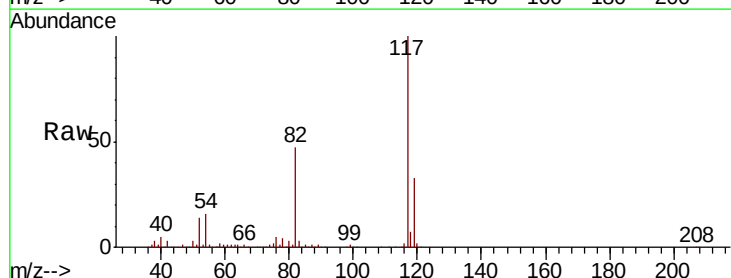
Tgt Ion: 117 Resp: 1596810

Ion Ratio Lower Upper

117 100

82 46.6 38.1 57.1

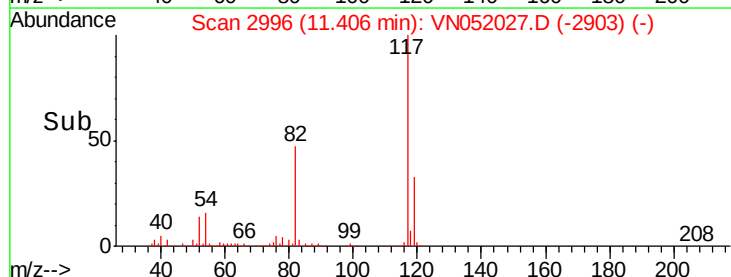
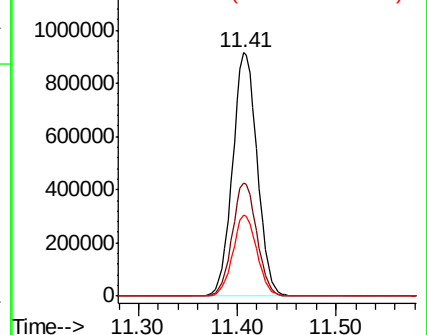
119 33.4 26.4 39.6

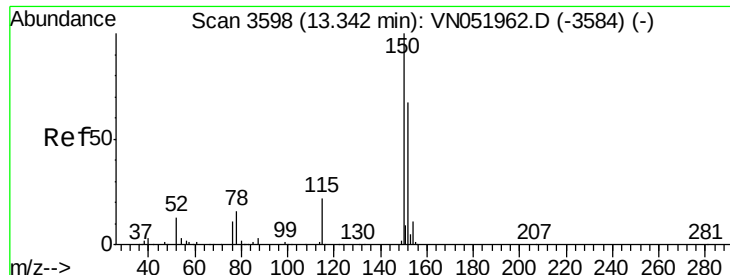


Abundance Ion 116.90 (116.60 to 117.60): VN051962.D (-2980) (-)

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: VN052027.D

Acq: 26 Oct 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB114195ZHE#04

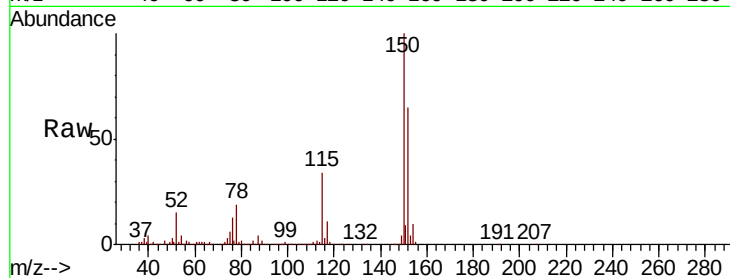
Tot Ion:152 Resp: 749409

Ion Ratio Lower Upper

152 100

115 52.5 25.8 77.3

150 156.5 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

