

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120318\
 Data File : VN052627.D
 Acq On : 3 Dec 2018 13:07
 Operator : MD\SY
 Sample : PB115231ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115231ZHE#04

Quant Time: Dec 04 01:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

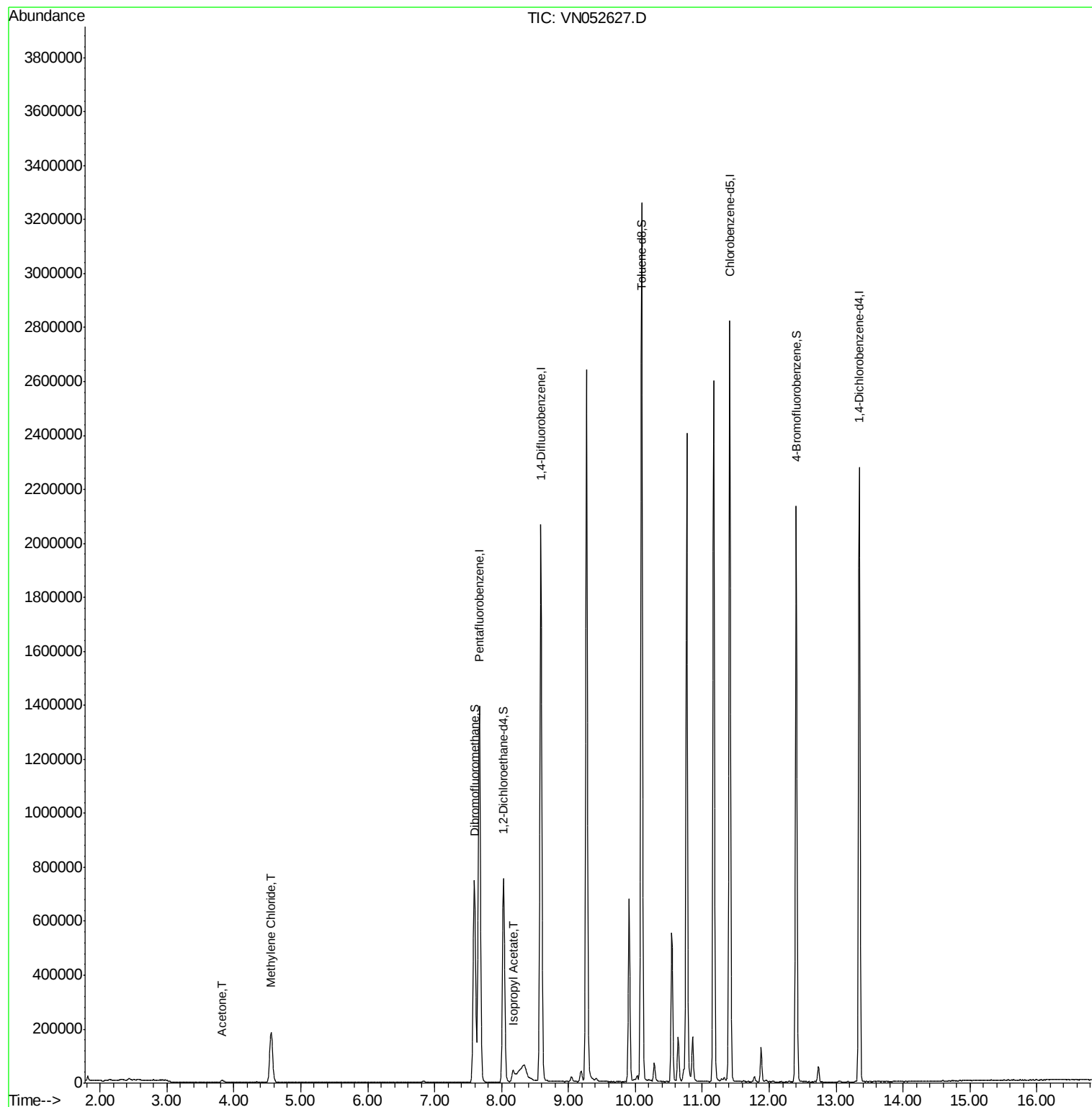
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1893938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1684462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642713	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	645460	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.59	113	582411	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
50) Toluene-d8	10.09	98	2308623	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	741690	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
Target Compounds						
16) Acetone	3.82	43	15441	4.423	ug/l	91
20) Methylene Chloride	4.56	84	146135	10.698	ug/l	98
43) Isopropyl Acetate	8.17	43	62059	3.360	ug/l #	78

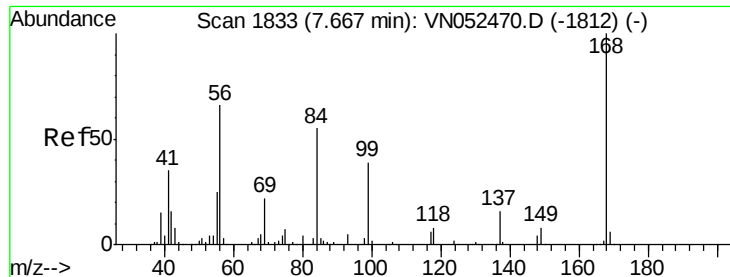
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

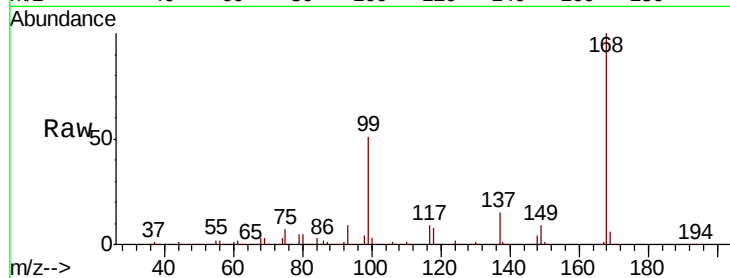
PB115231ZHE#04

Tot Ion:168 Resp: 1215520

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052627.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052627.D (-1740) (-)

7.67

600000

500000

400000

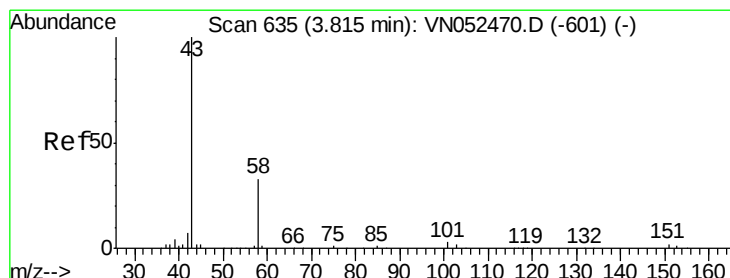
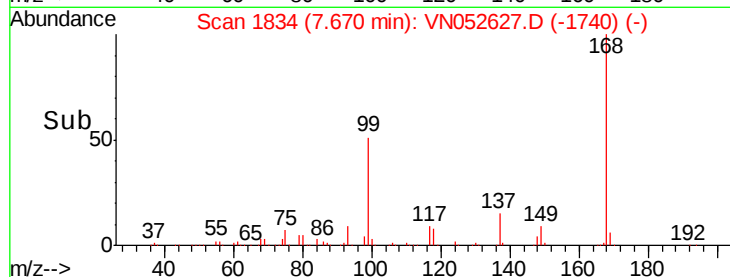
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.423 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052627.D

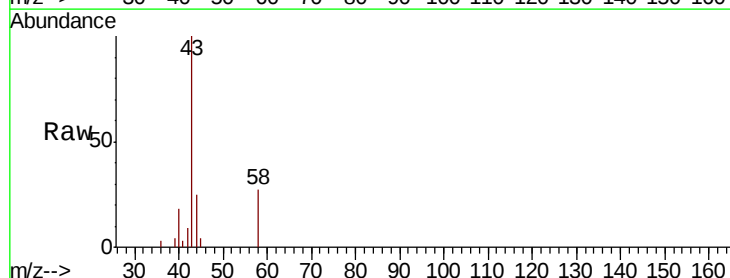
Acq: 3 Dec 2018 13:07

Tgt Ion: 43 Resp: 15441

Ion Ratio Lower Upper

43 100

58 27.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052627.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052627.D (-542) (-)

3.82

6000

5000

4000

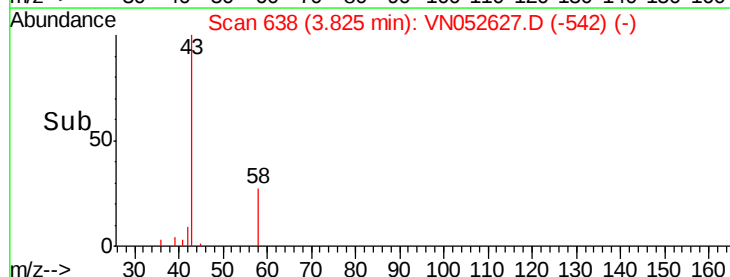
3000

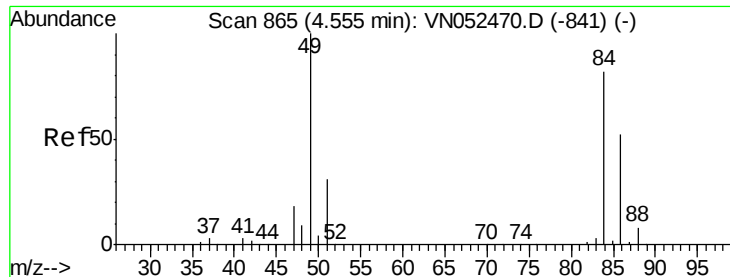
2000

1000

0

Time-->

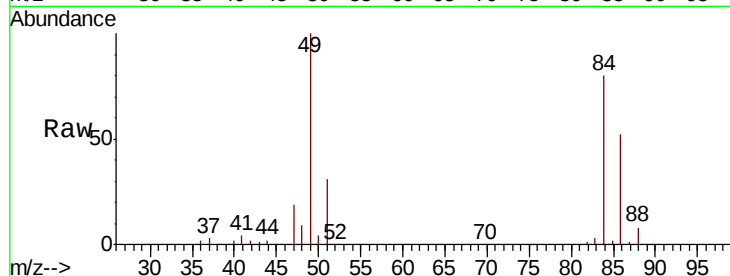




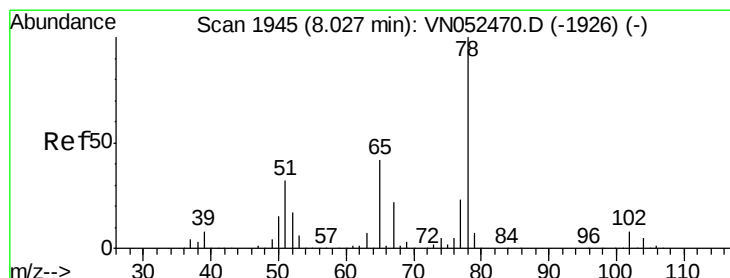
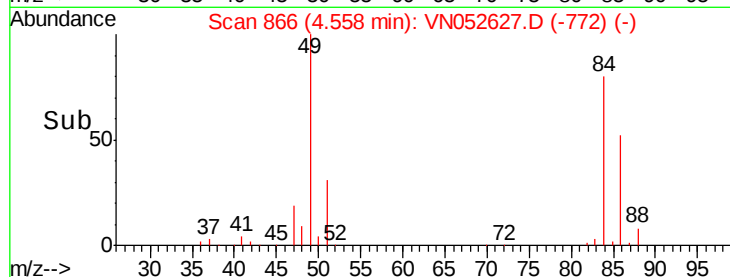
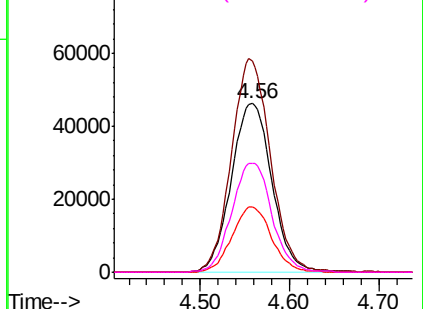
#20
Methylene Chloride
Concen: 10.698 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#04

Tot Ion: 84 Resp: 146135
Ion Ratio Lower Upper
84 100
49 125.2 98.0 147.0
51 38.5 30.1 45.1
86 64.7 50.7 76.1

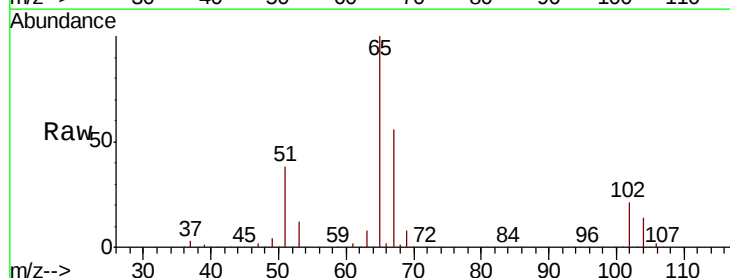


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

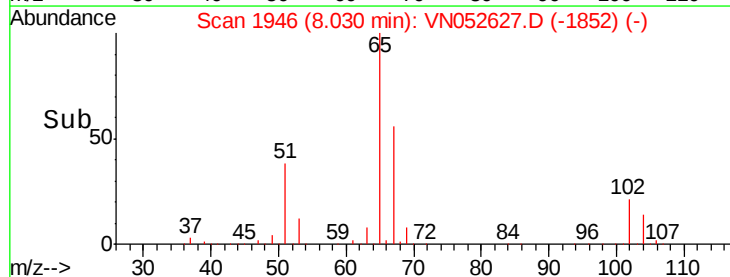
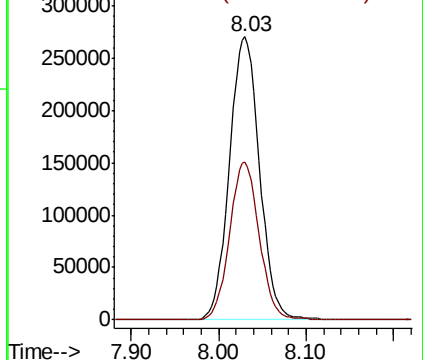


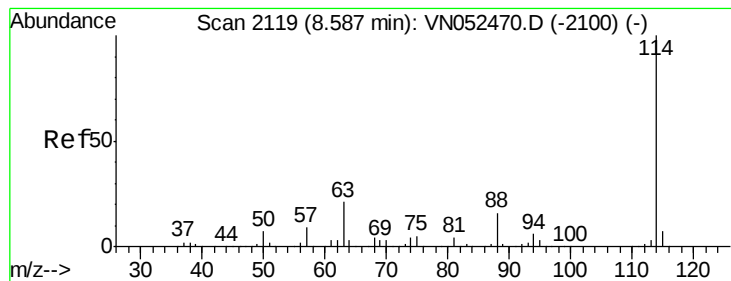
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Tgt Ion: 65 Resp: 645460
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

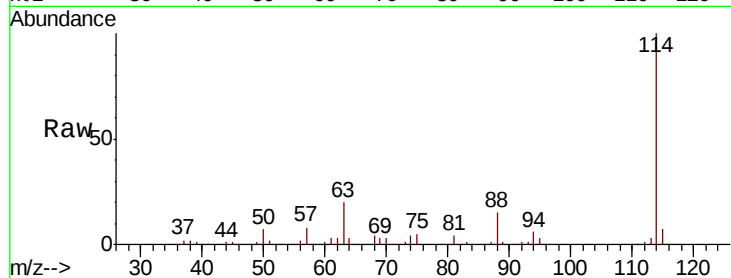
Tot Ion:114 Resp: 1893938

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

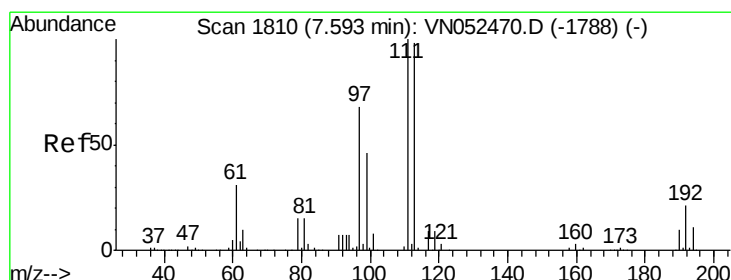
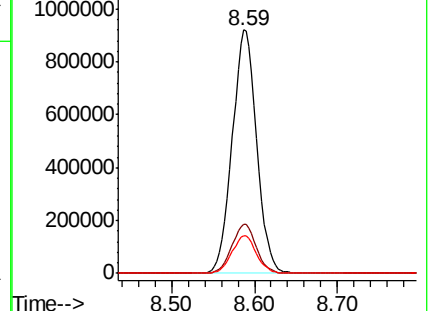
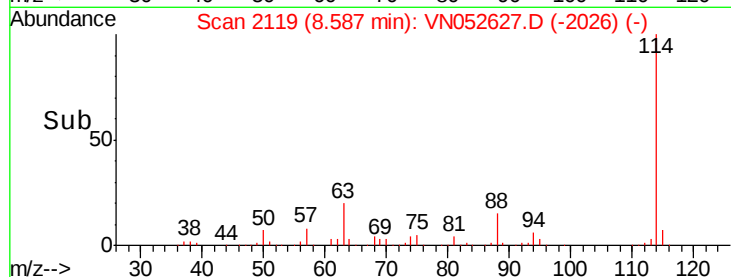
88 15.5 0.0 31.6



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: VN052627.D

Acq: 3 Dec 2018 13:07

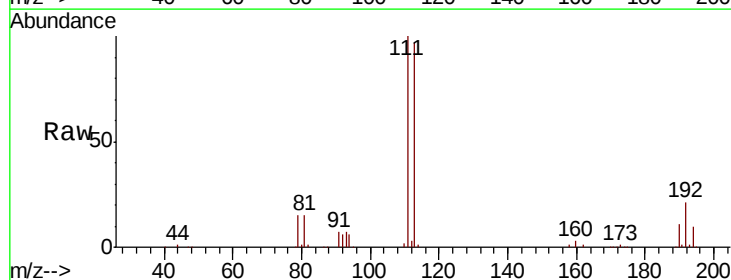
Tgt Ion:113 Resp: 582411

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

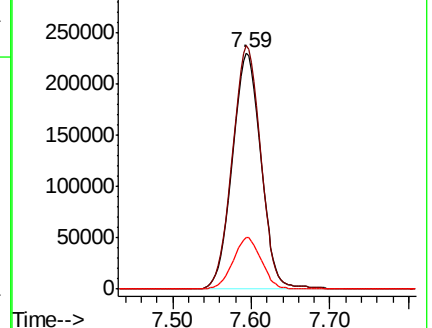
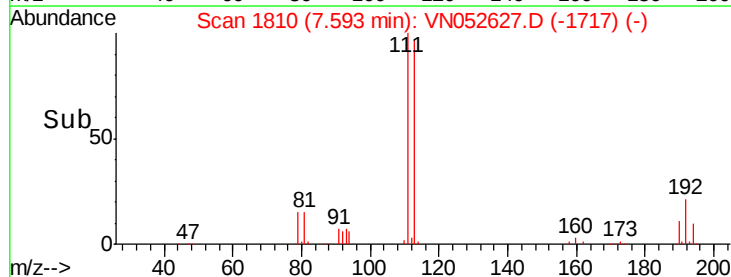
192 21.7 17.0 25.6

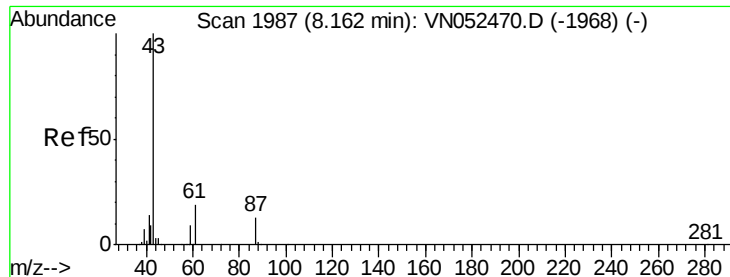


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.360 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

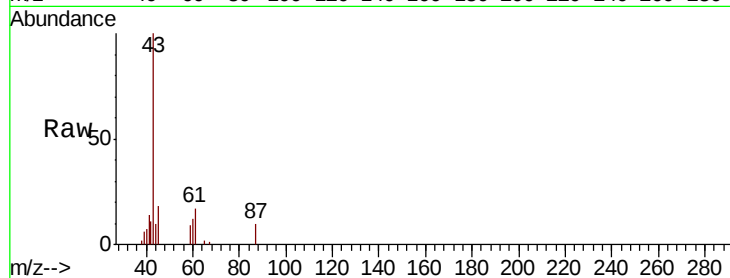
Tot Ion: 43 Resp: 62059

Ion Ratio Lower Upper

43 100

61 14.9 24.1 36.1#

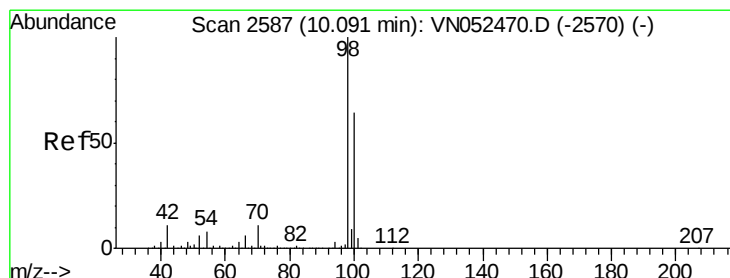
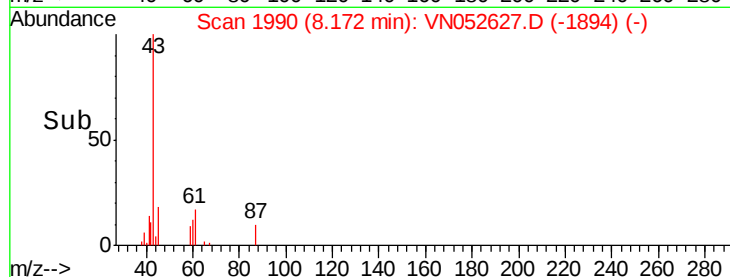
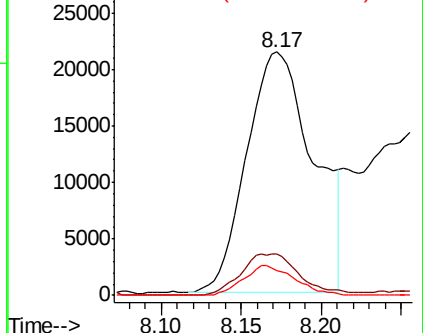
87 9.3 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052627.D

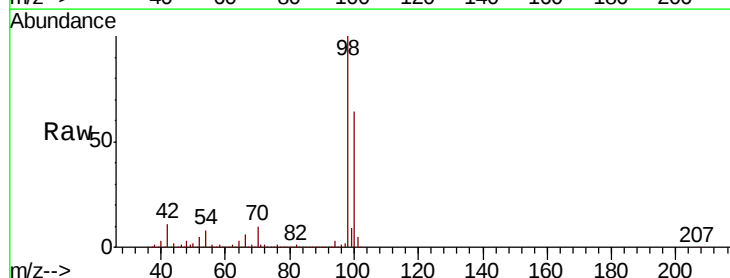
Acq: 3 Dec 2018 13:07

Tgt Ion: 98 Resp: 2308623

Ion Ratio Lower Upper

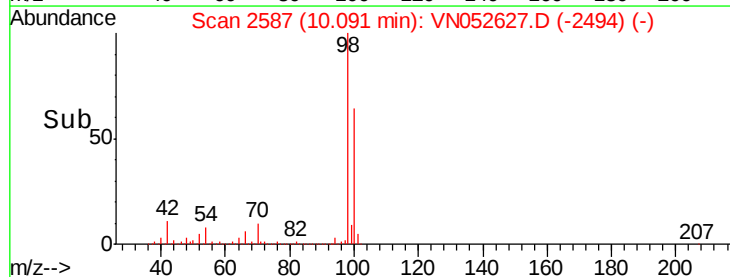
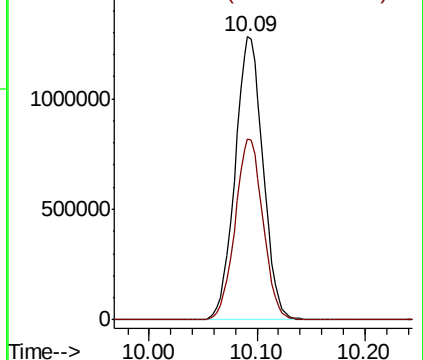
98 100

100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

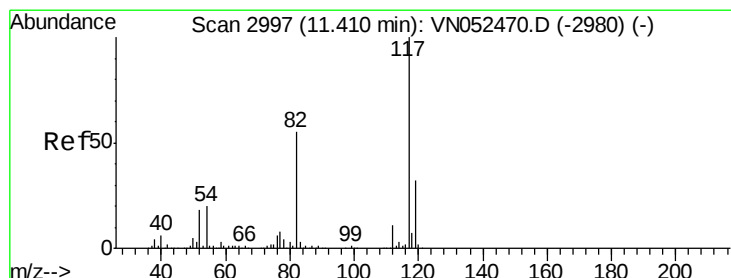
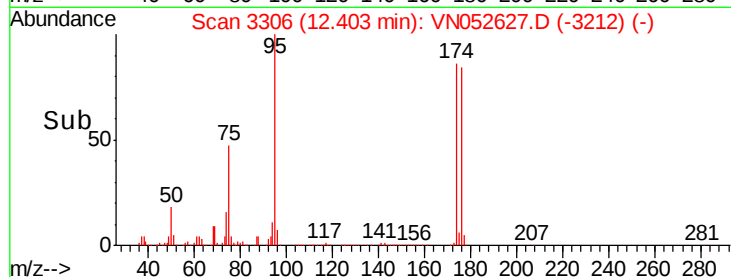
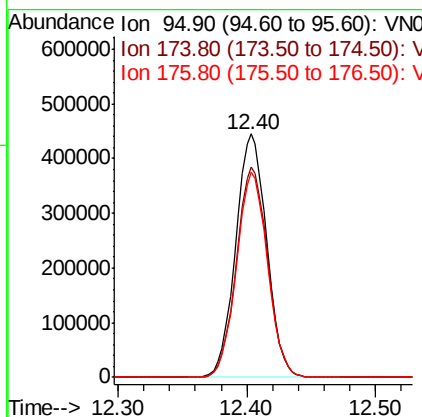
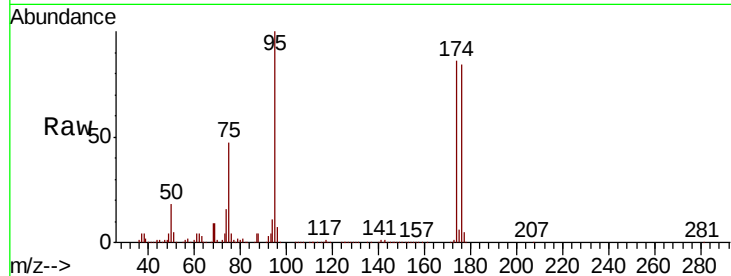




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

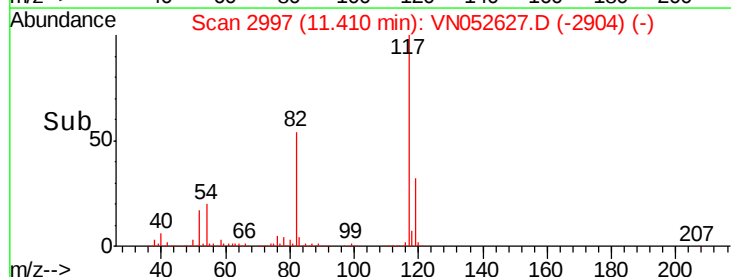
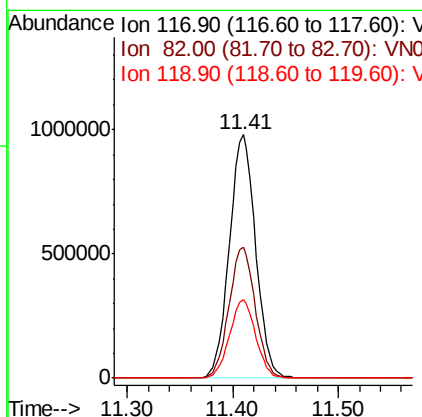
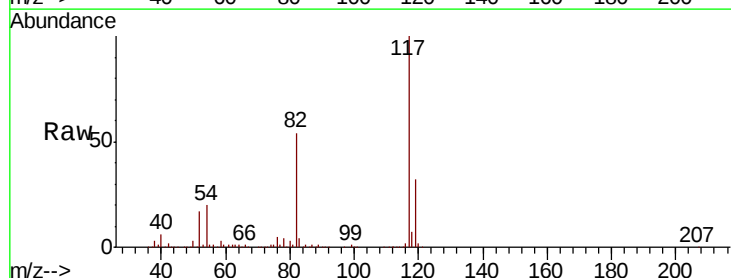
Instrument :
MSVOA_N
ClientSampleId :
PB115231ZHE#04

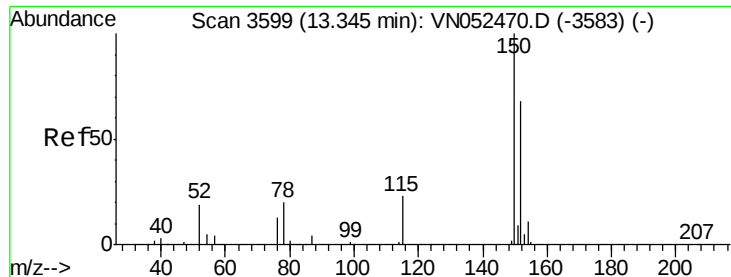
Tot Ion: 95 Resp: 741690
Ion Ratio Lower Upper
95 100
174 87.3 0.0 173.0
176 84.4 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052627.D
Acq: 3 Dec 2018 13:07

Tgt Ion: 117 Resp: 1684462
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052627.D

Acq: 3 Dec 2018 13:07

Instrument :

MSVOA_N

ClientSampleId :

PB115231ZHE#04

Tot Ion:152 Resp: 642713

Ion Ratio Lower Upper

152 100

115 55.6 28.4 85.2

150 156.4 0.0 346.0

