

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052672.D
 Acq On : 5 Dec 2018 13:20
 Operator : MD\SY
 Sample : PB115330ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#03

Quant Time: Dec 06 04:58:19 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

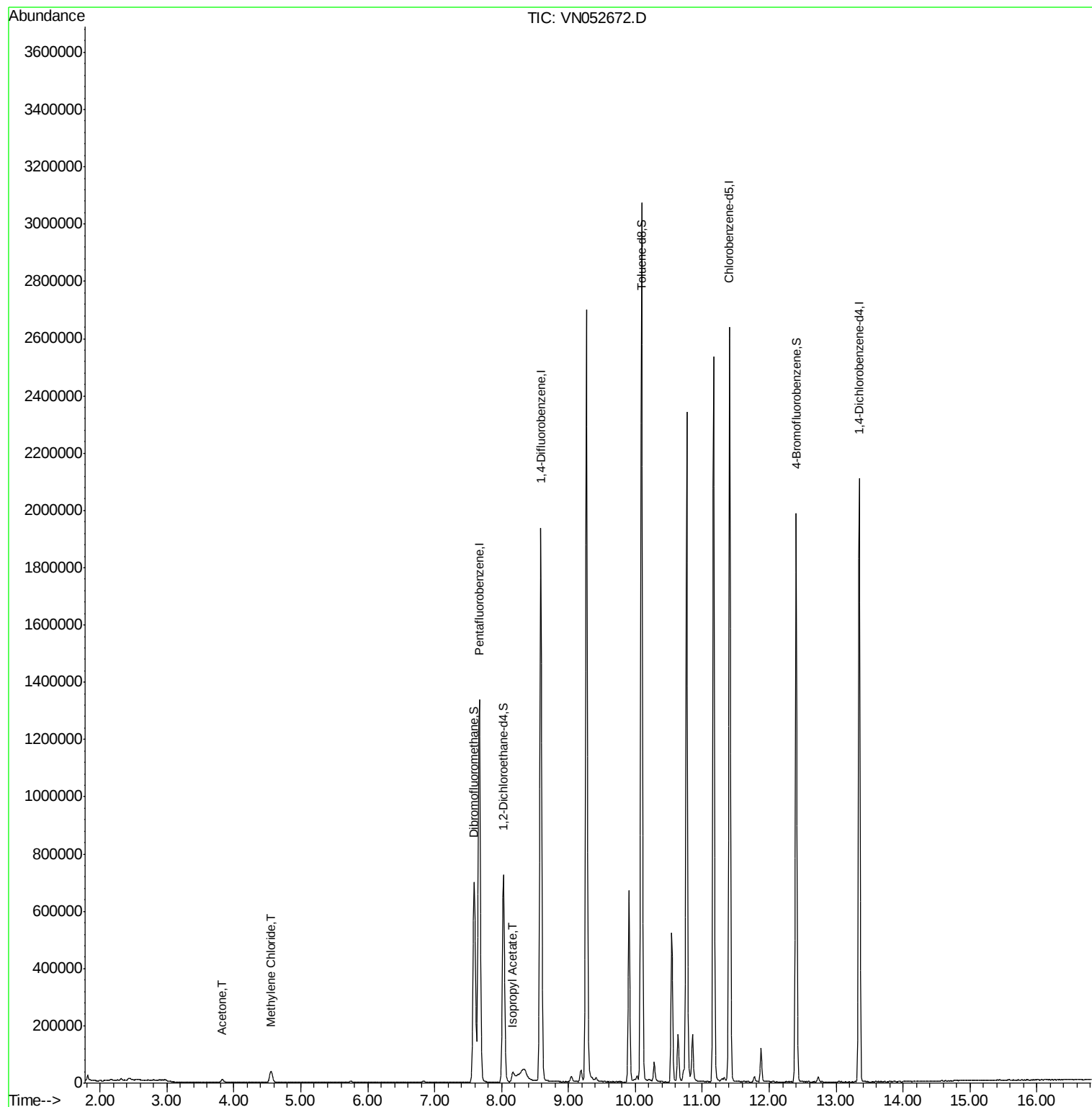
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1149012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1790916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1587646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	587057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	608756	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	7.59	113	553249	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.09	98	2184829	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	686238	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
16) Acetone	3.82	43	18454	5.592	ug/l	97
20) Methylene Chloride	4.55	84	30664	2.375	ug/l	97
43) Isopropyl Acetate	8.17	43	54683	3.131	ug/l #	78

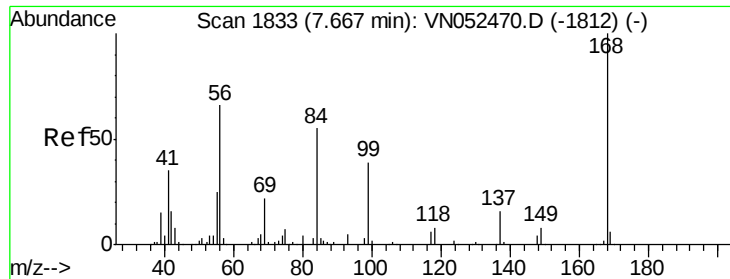
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120518\
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 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: VN052672.D

Acq: 5 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

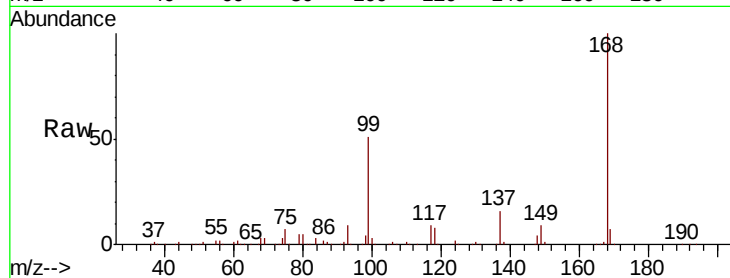
PB115330ZHE#03

Tot Ion:168 Resp: 1149012

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

500000

400000

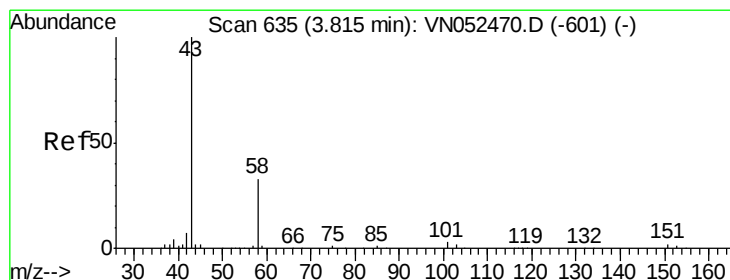
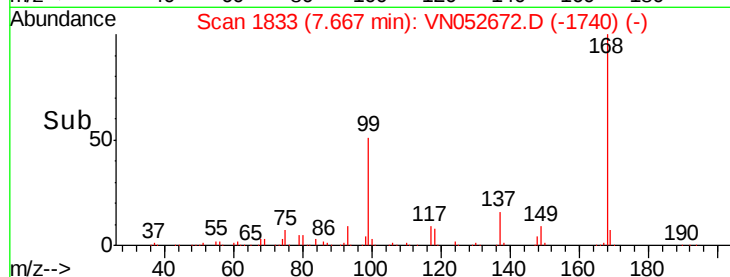
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.592 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052672.D

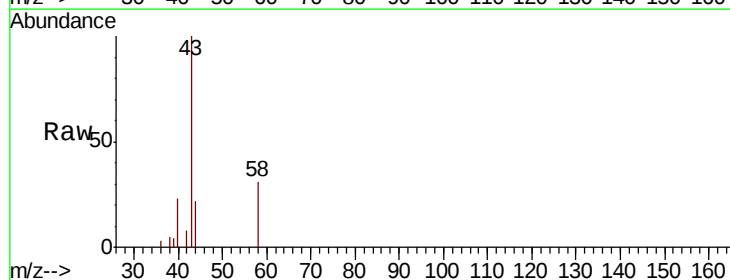
Acq: 5 Dec 2018 13:20

Tgt Ion: 43 Resp: 18454

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

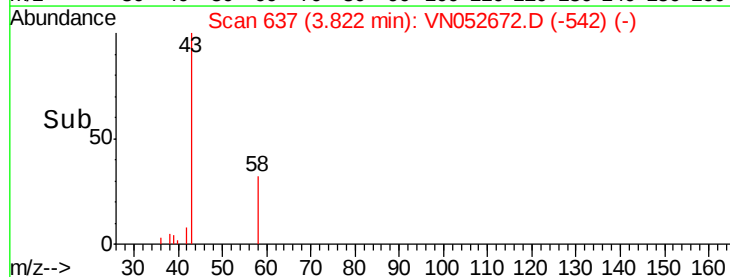
6000

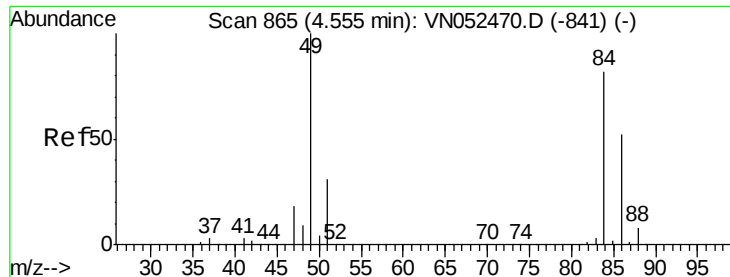
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.375 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052672.D

Acq: 5 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#03

Tot Ion: 84 Resp: 30664

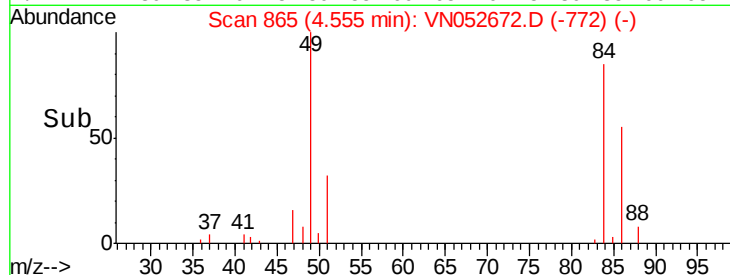
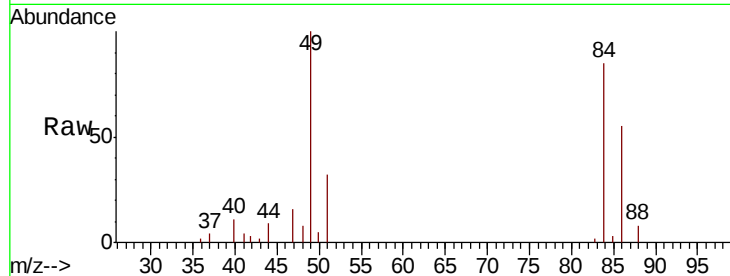
Ion Ratio Lower Upper

84 100

49 117.6 98.0 147.0

51 37.1 30.1 45.1

86 64.4 50.7 76.1

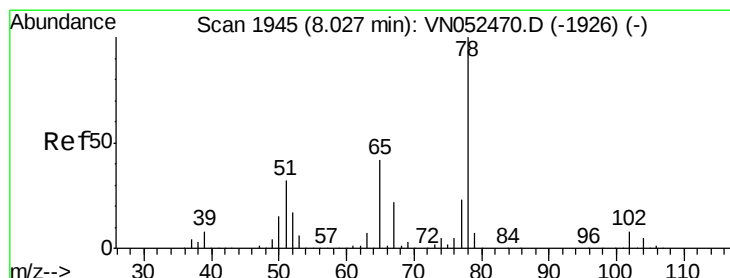
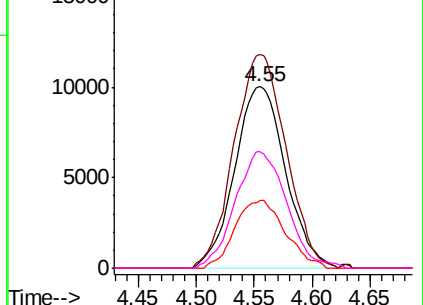


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052672.D

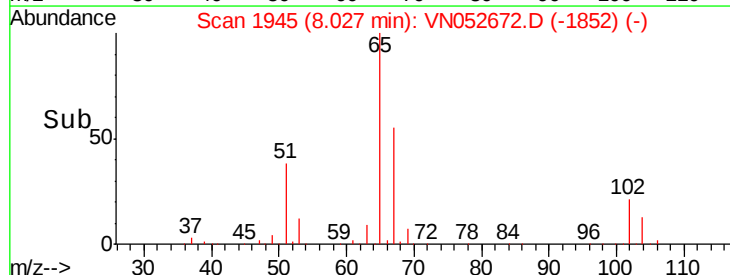
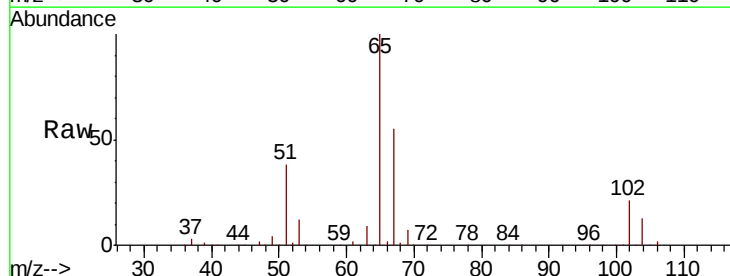
Acq: 5 Dec 2018 13:20

Tgt Ion: 65 Resp: 608756

Ion Ratio Lower Upper

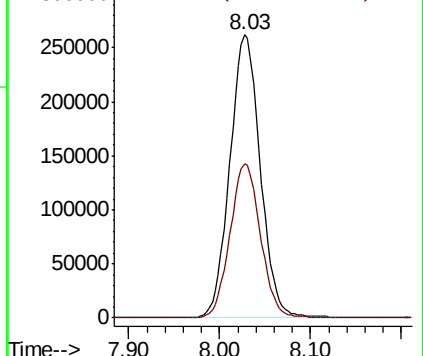
65 100

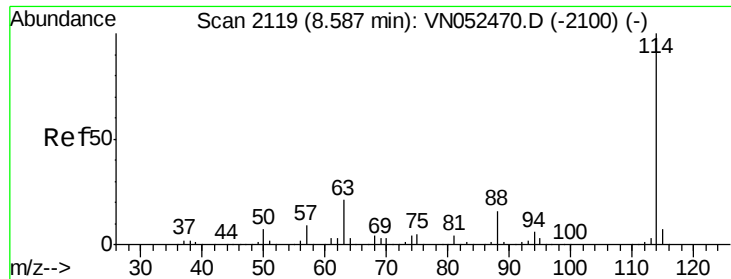
67 54.7 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

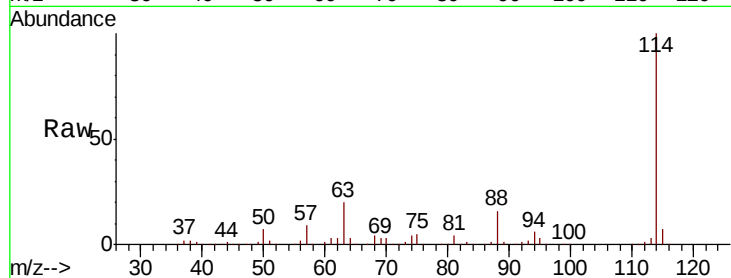




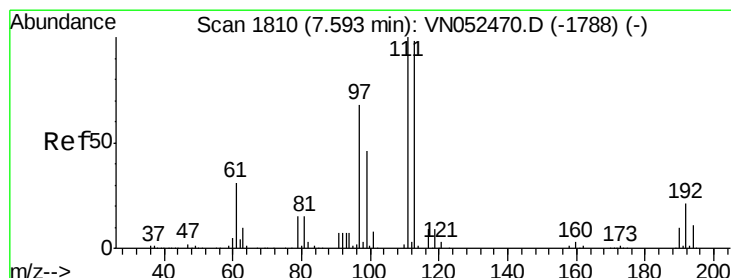
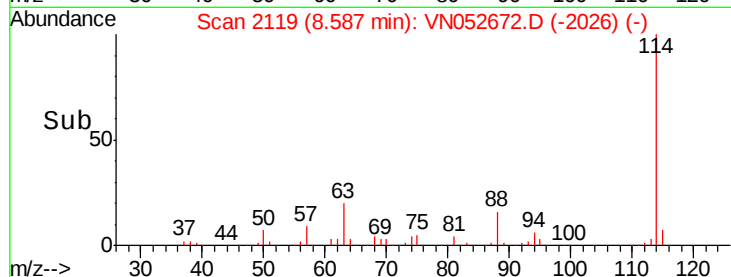
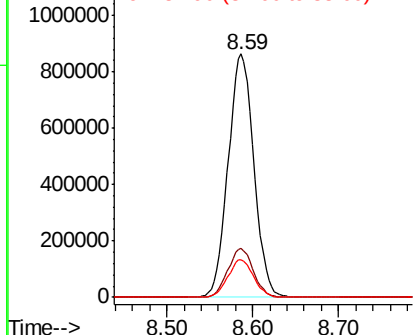
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052672.D
 Acq: 5 Dec 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#03

Tot Ion:114 Resp: 1790916
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 15.5 0.0 31.6

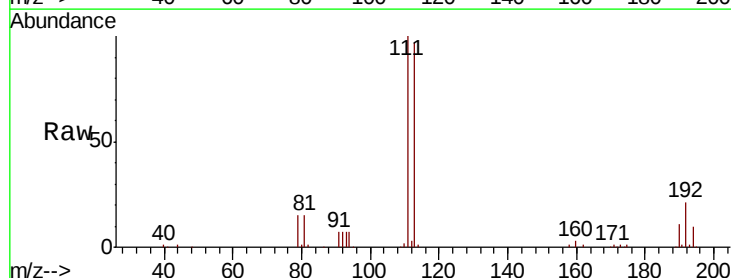


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

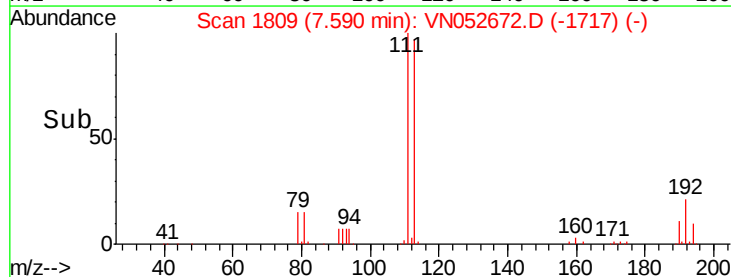
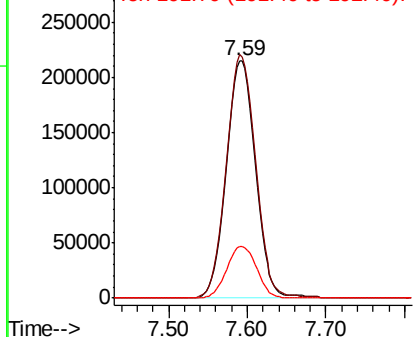


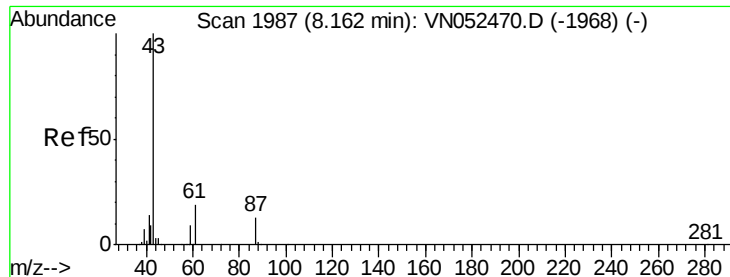
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052672.D
 Acq: 5 Dec 2018 13:20

Tgt Ion:113 Resp: 553249
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.0 123.0
 192 22.4 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: 3.131 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052672.D

Acq: 5 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#03

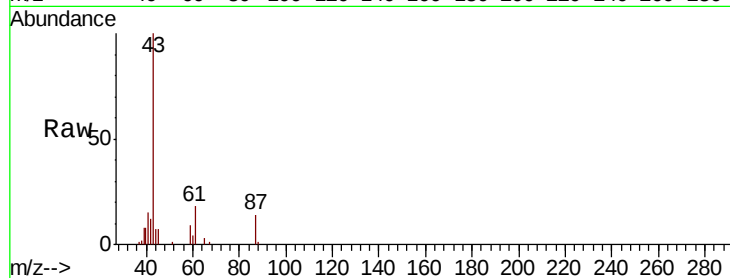
Tot Ion: 43 Resp: 54683

Ion Ratio Lower Upper

43 100

61 14.6 24.1 36.1#

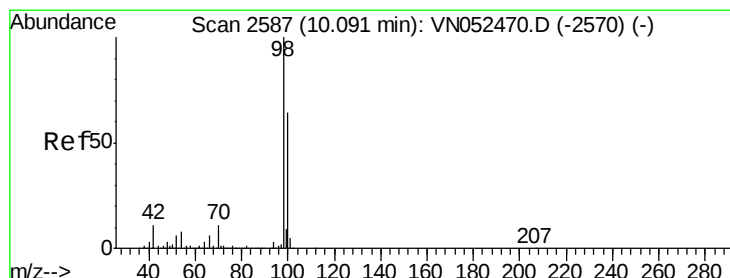
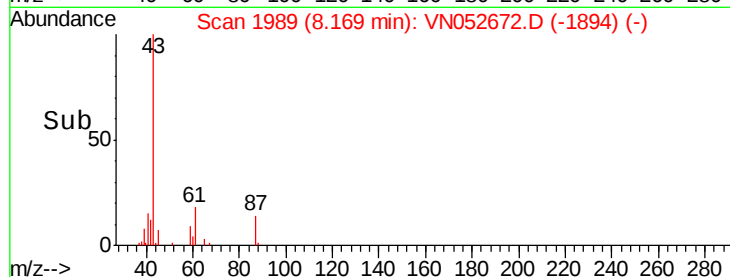
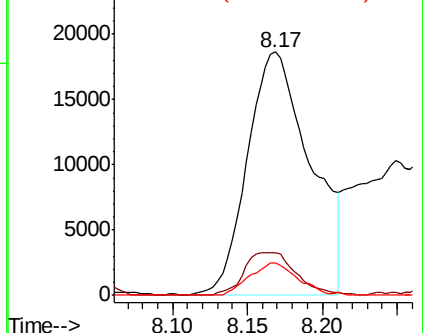
87 10.2 10.6 15.8#



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: VN052672.D

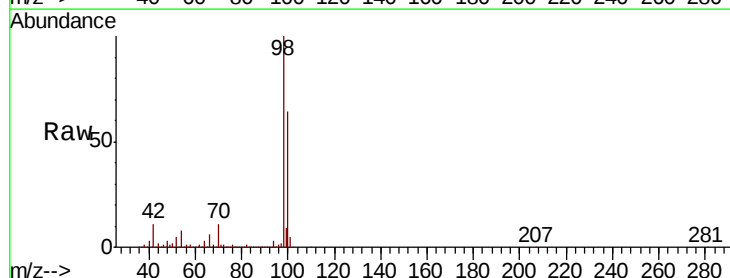
Acq: 5 Dec 2018 13:20

Tgt Ion: 98 Resp: 2184829

Ion Ratio Lower Upper

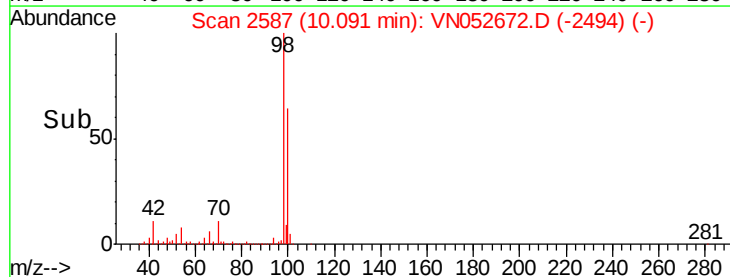
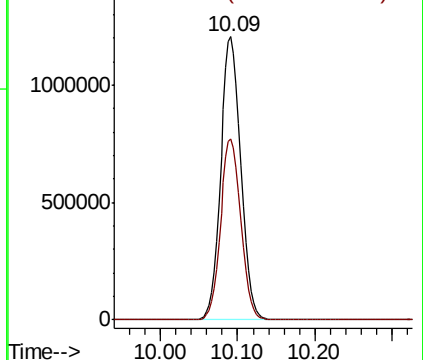
98 100

100 64.3 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: VN052672.D

Acq: 5 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#03

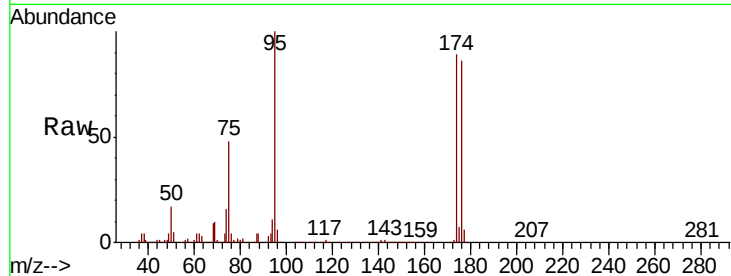
Tot Ion: 95 Resp: 686238

Ion Ratio Lower Upper

95 100

174 88.4 0.0 173.0

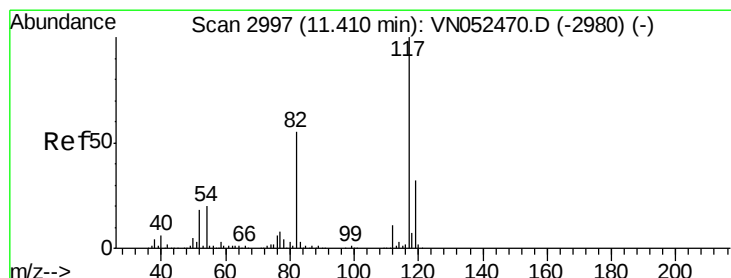
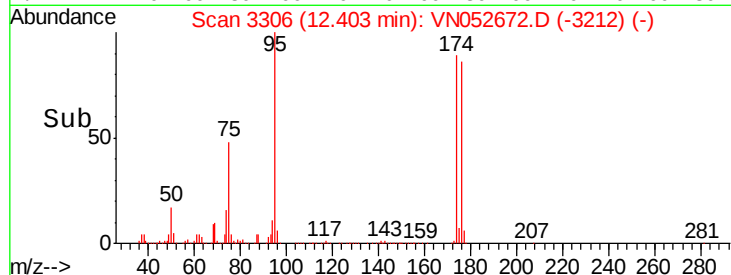
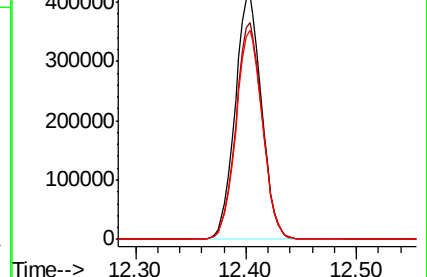
176 85.6 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052672.D

Acq: 5 Dec 2018 13:20

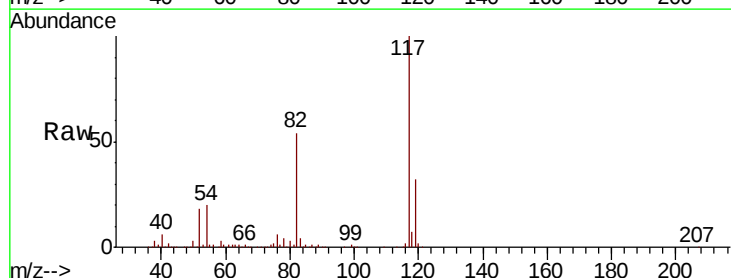
Tgt Ion: 117 Resp: 1587646

Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

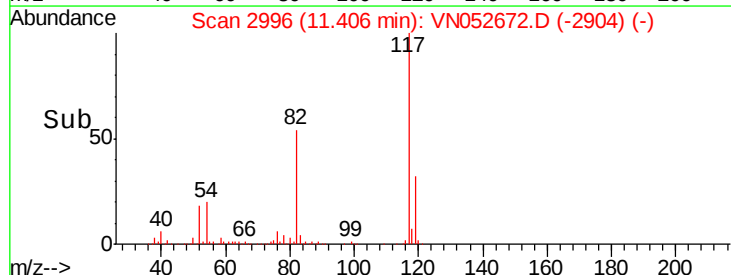
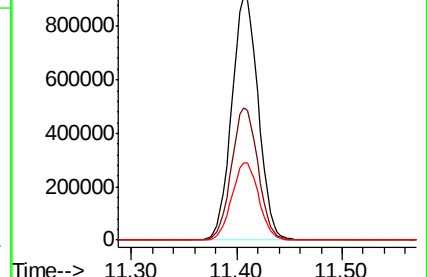
119 31.9 25.4 38.2

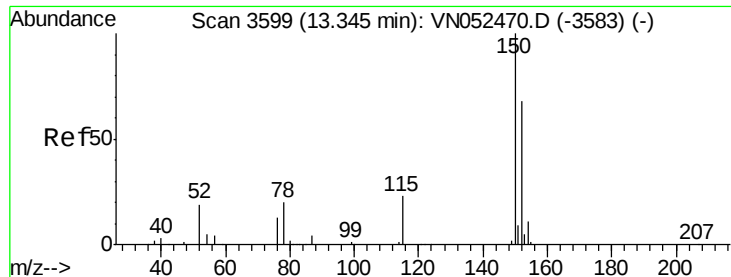


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052672.D

Acq: 5 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#03

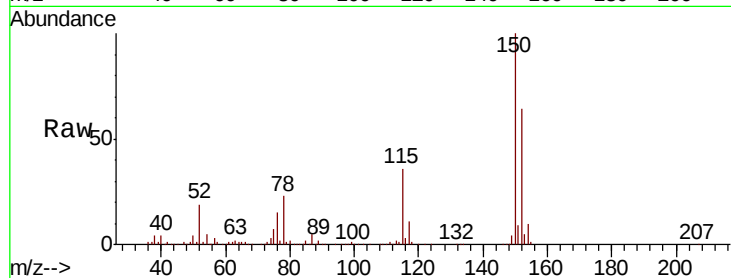
Tot Ion:152 Resp: 587057

Ion Ratio Lower Upper

152 100

115 56.9 28.4 85.2

150 156.7 0.0 346.0



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

