

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052752.D
 Acq On : 10 Dec 2018 14:43
 Operator : MD\SY
 Sample : PB115448ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#01

Quant Time: Dec 11 02:34:04 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

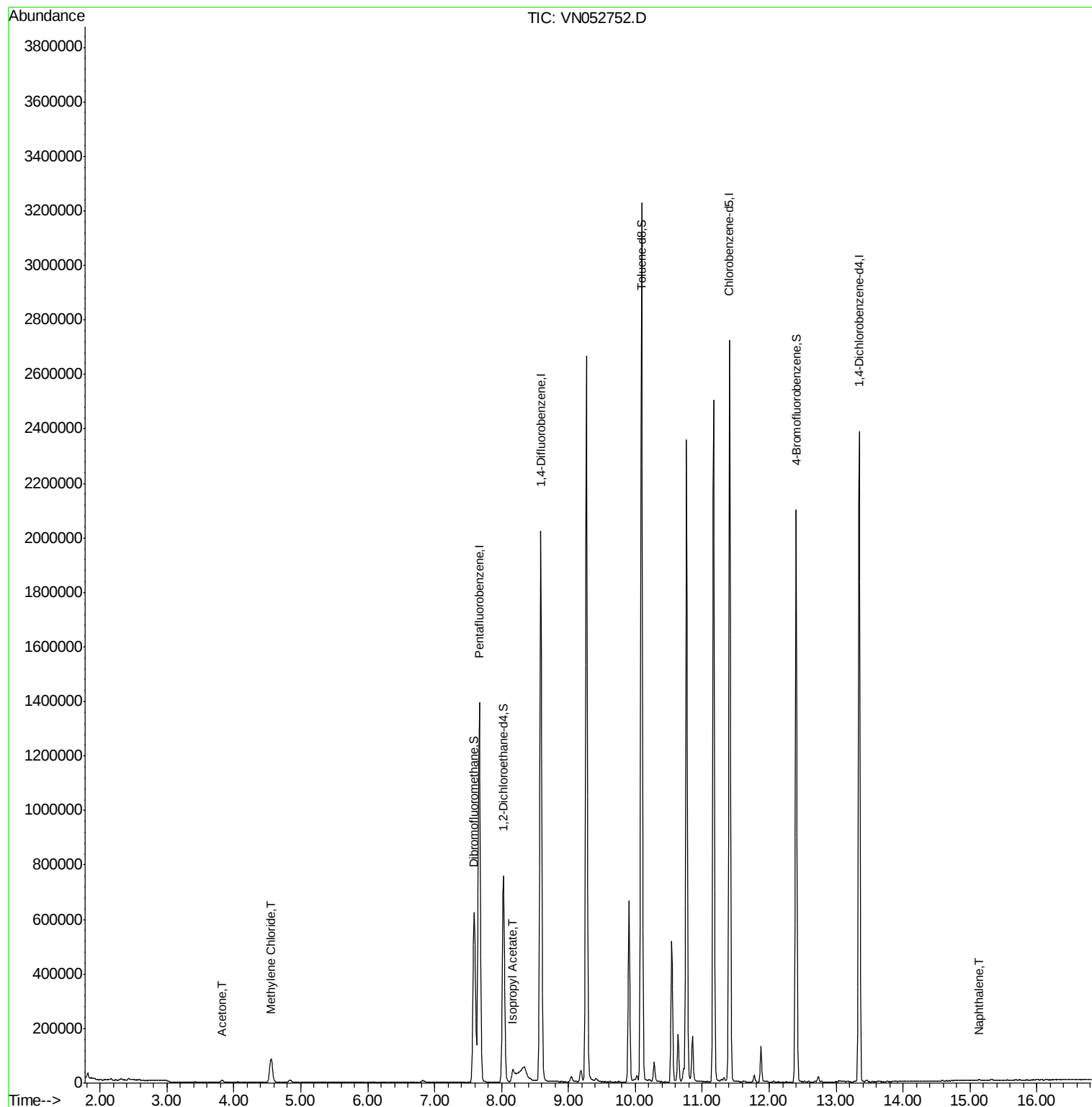
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1211137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1880883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1656502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	663600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	635112	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
35) Dibromofluoromethane	7.59	113	497041	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
50) Toluene-d8	10.09	98	2297194	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	735767	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
Target Compounds						
16) Acetone	3.82	43	15807	4.545	ug/l	96
20) Methylene Chloride	4.56	84	67999	4.996	ug/l	97
43) Isopropyl Acetate	8.17	43	65094	3.548	ug/l #	76
95) Naphthalene	15.13	128	3938	3.575	ug/l #	91

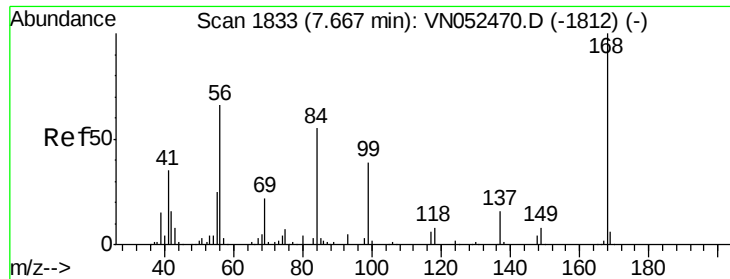
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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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: VN052752.D

Acq: 10 Dec 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

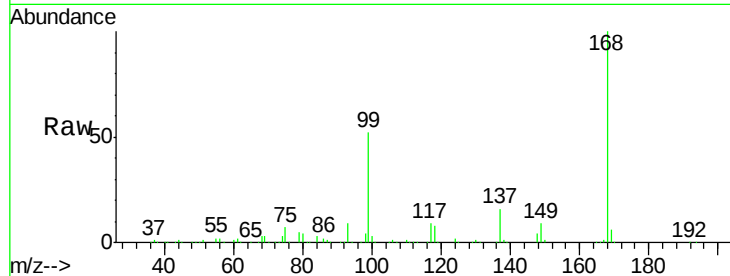
PB115448ZHE#01

Tot Ion:168 Resp: 1211137

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052752.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052752.D (-1740) (-)

7.67

600000

500000

400000

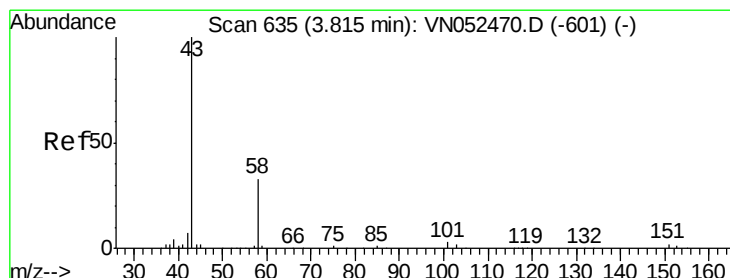
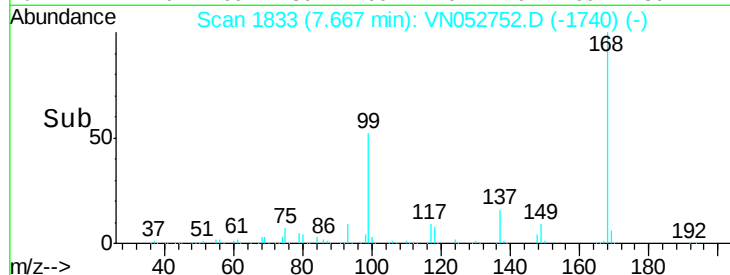
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.545 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052752.D

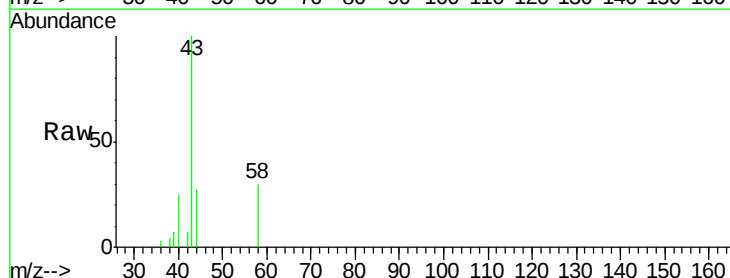
Acq: 10 Dec 2018 14:43

Tgt Ion: 43 Resp: 15807

Ion Ratio Lower Upper

43 100

58 30.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052752.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052752.D (-542) (-)

3.82

6000

5000

4000

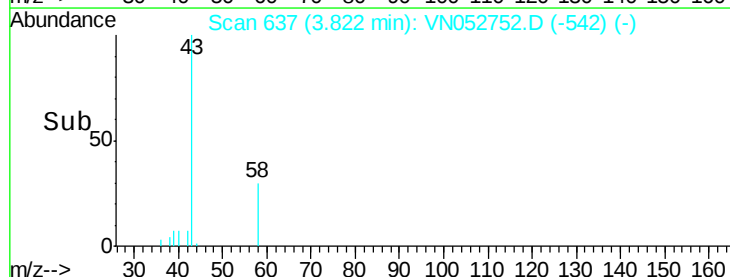
3000

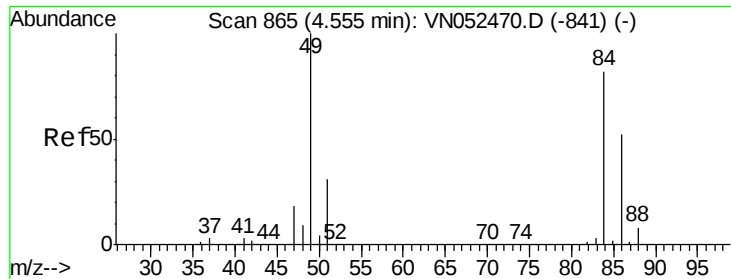
2000

1000

0

Time-->

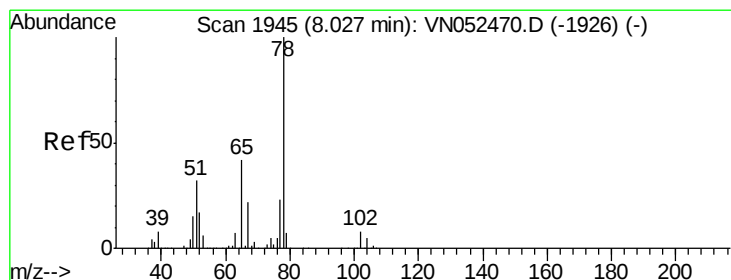
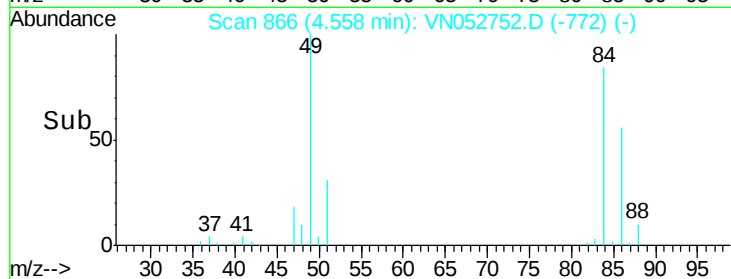
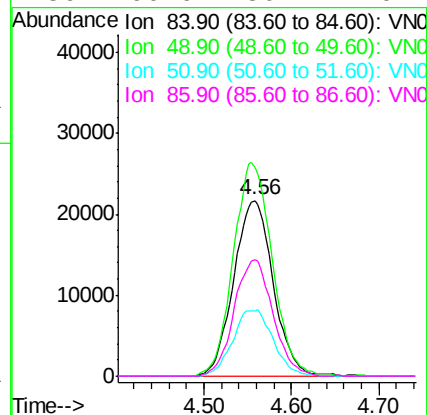
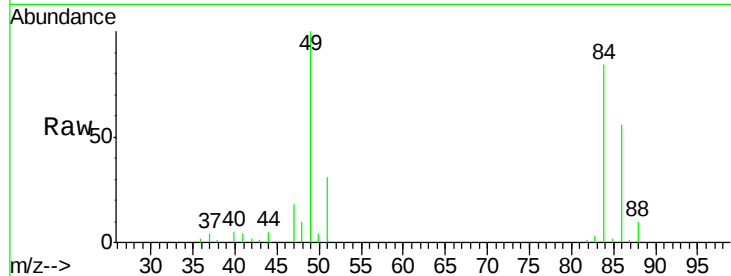




#20
Methvlene Chloride
Concen: 4.996 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052752.D
Acq: 10 Dec 2018 14:43

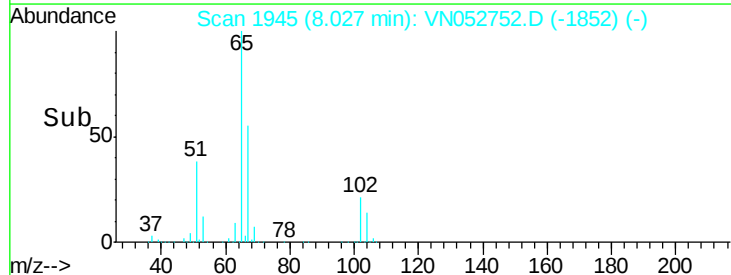
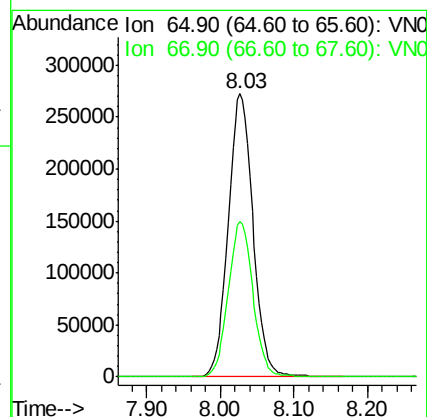
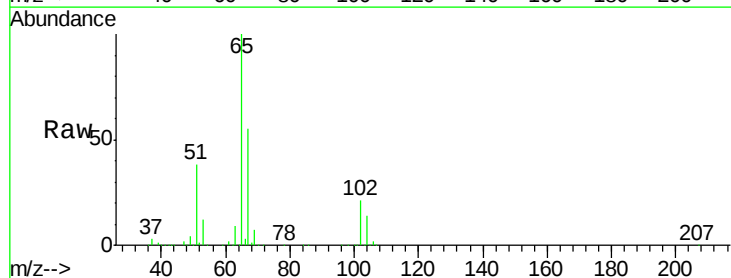
Instrument :
MSVOA_N
ClientSampleId :
PB115448ZHE#01

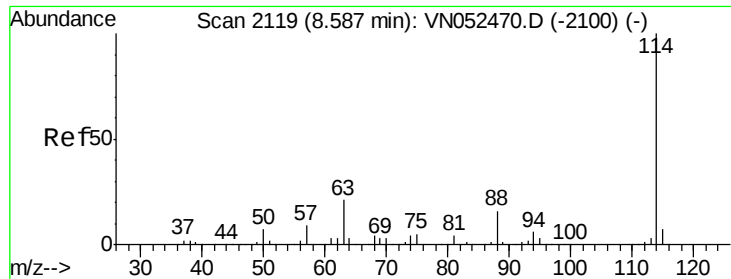
Tot Ion: 84 Resp: 67999
Ion Ratio Lower Upper
84 100
49 119.1 98.0 147.0
51 37.4 30.1 45.1
86 66.6 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052752.D
Acq: 10 Dec 2018 14:43

Tgt Ion: 65 Resp: 635112
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.8

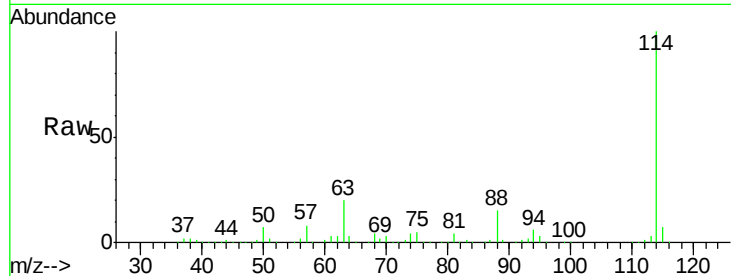




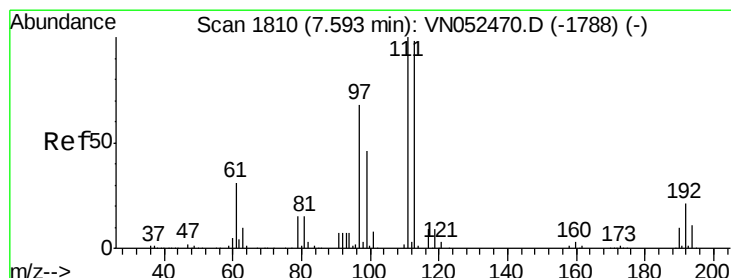
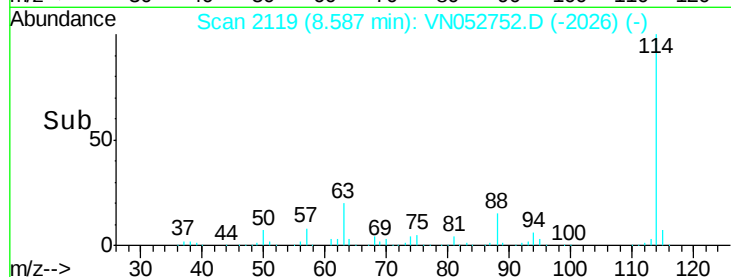
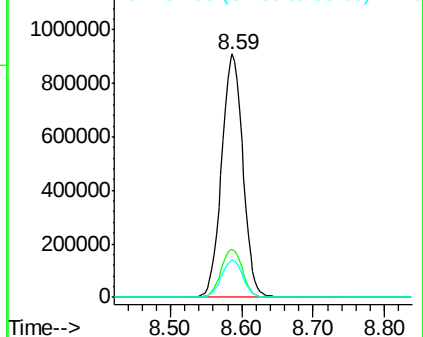
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052752.D
 Acq: 10 Dec 2018 14:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#01

Tot Ion:114 Resp: 1880883
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.8
 88 15.2 0.0 31.6

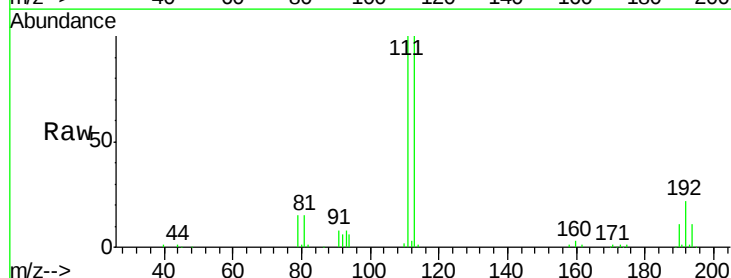


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

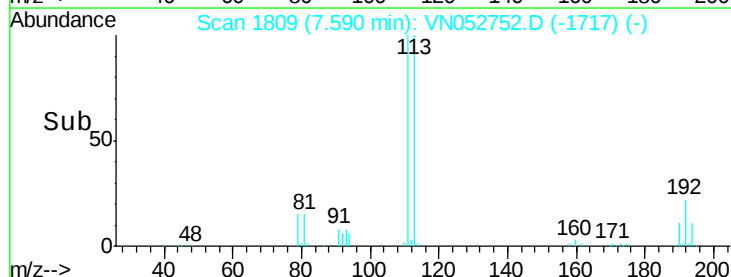
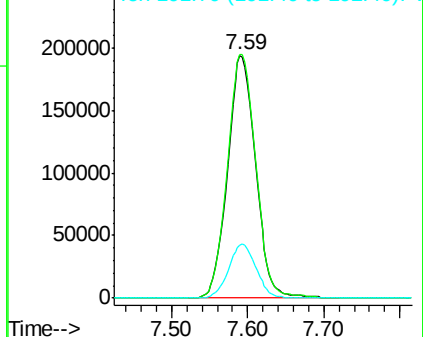


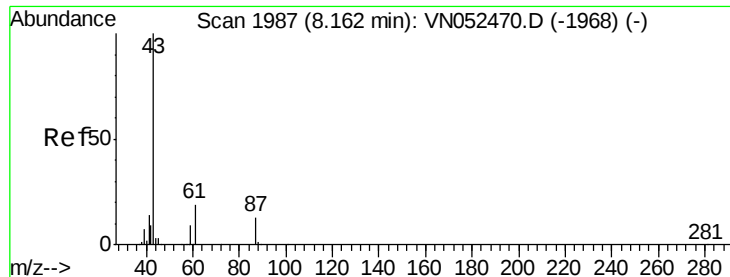
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052752.D
 Acq: 10 Dec 2018 14:43

Tgt Ion:113 Resp: 497041
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.0 123.0
 192 21.9 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: 3.548 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052752.D

Acq: 10 Dec 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#01

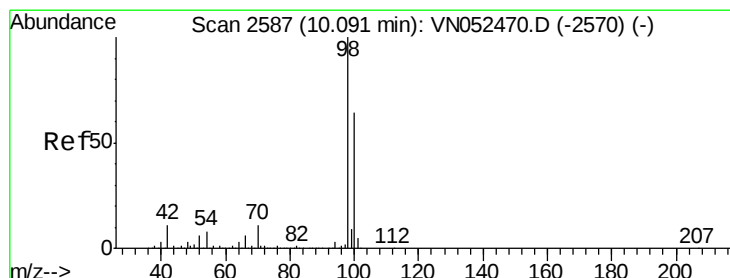
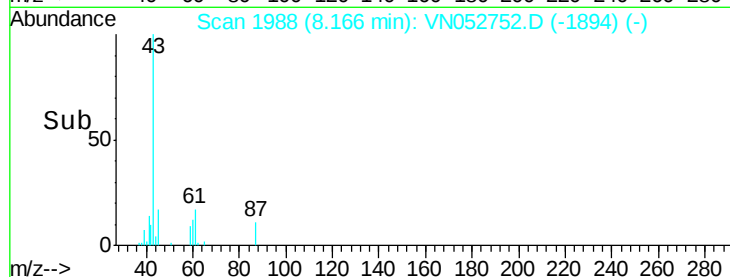
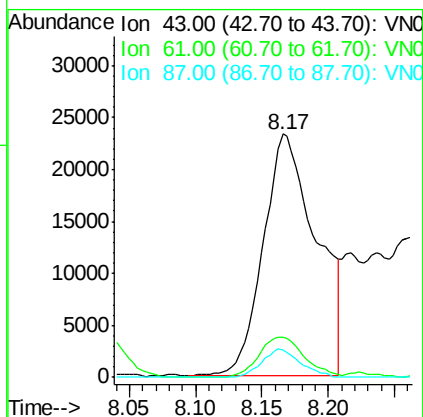
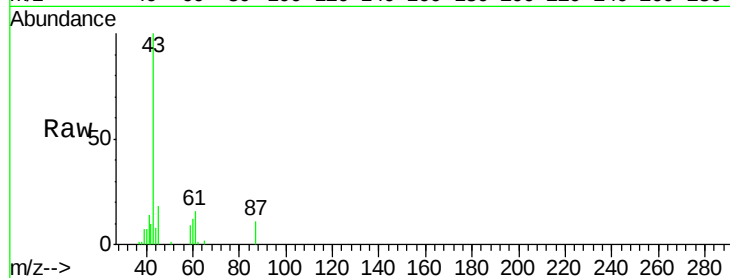
Tot Ion: 43 Resp: 65094

Ion Ratio Lower Upper

43 100

61 14.3 24.1 36.1#

87 8.4 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052752.D

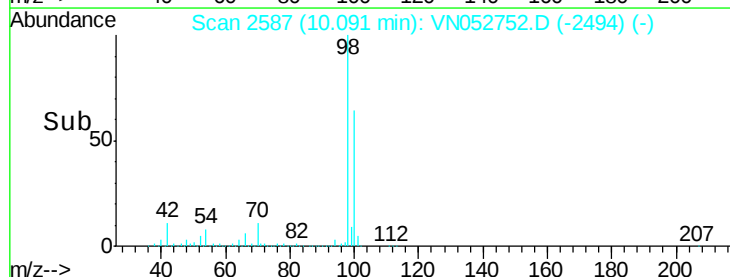
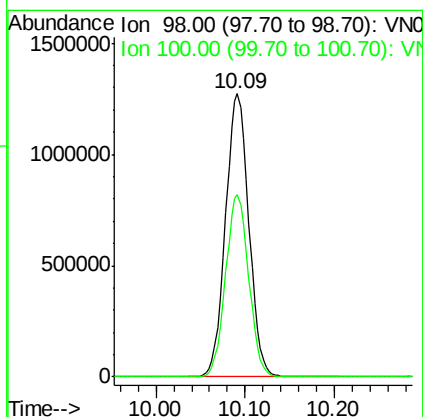
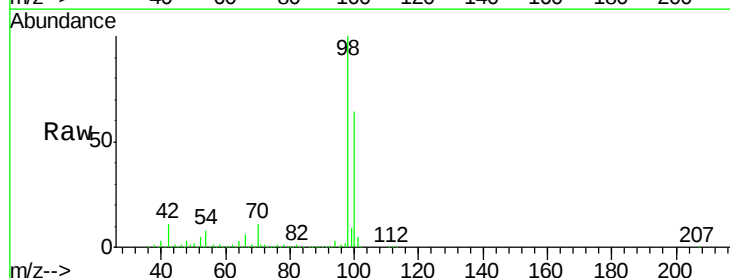
Acq: 10 Dec 2018 14:43

Tgt Ion: 98 Resp: 2297194

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9

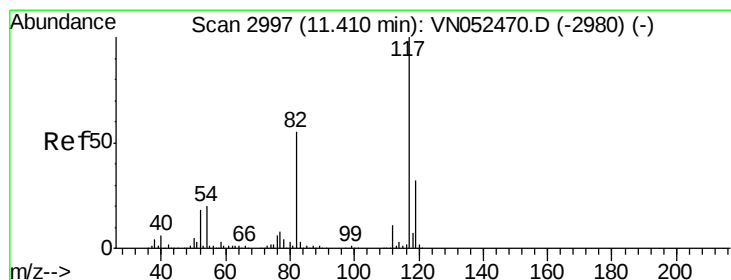
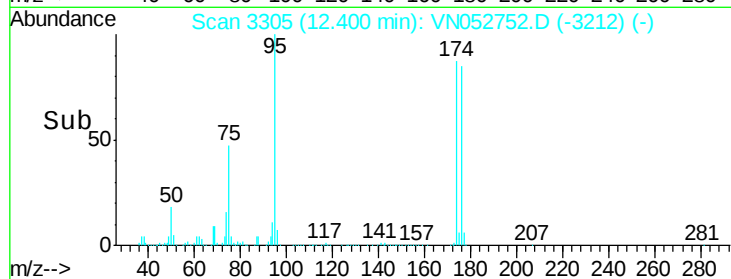
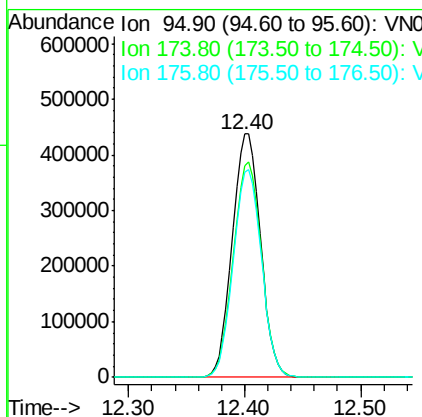
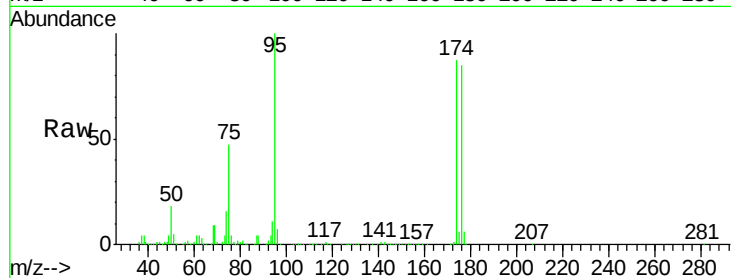




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052752.D
Acq: 10 Dec 2018 14:43

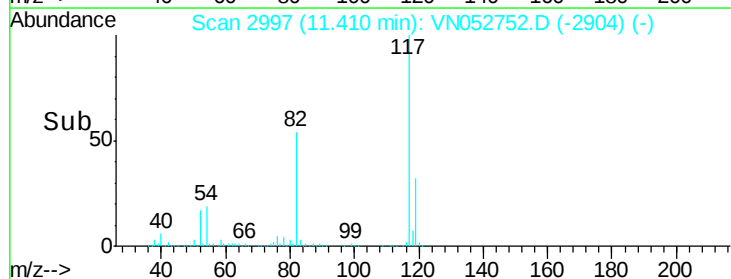
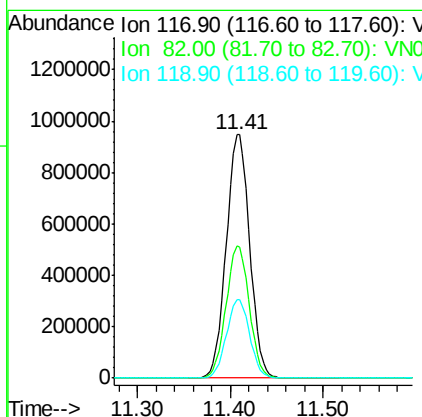
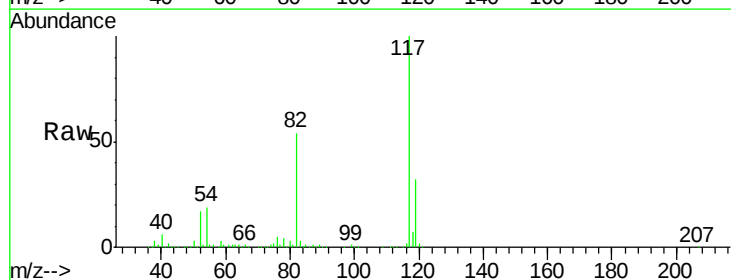
Instrument :
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ClientSampleId :
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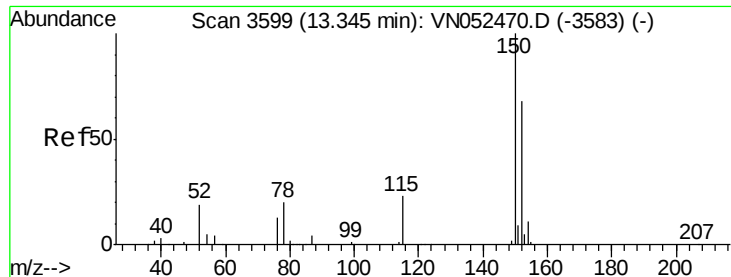
Tot Ion: 95 Resp: 735767
Ion Ratio Lower Upper
95 100
174 88.4 0.0 173.0
176 85.4 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052752.D
Acq: 10 Dec 2018 14:43

Tgt Ion: 117 Resp: 1656502
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.3 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: VN052752.D

Acq: 10 Dec 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#01

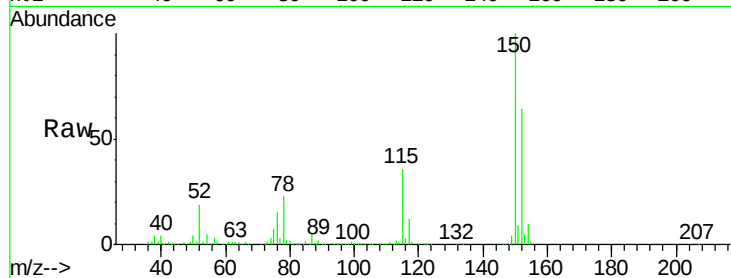
Tot Ion:152 Resp: 663600

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

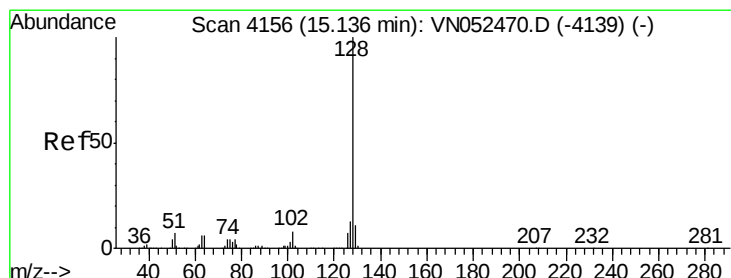
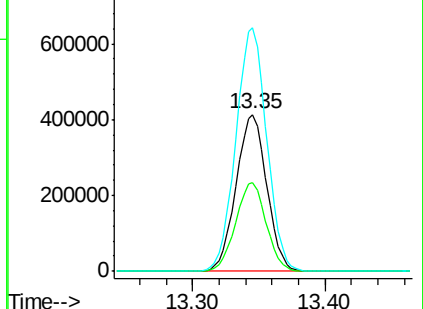
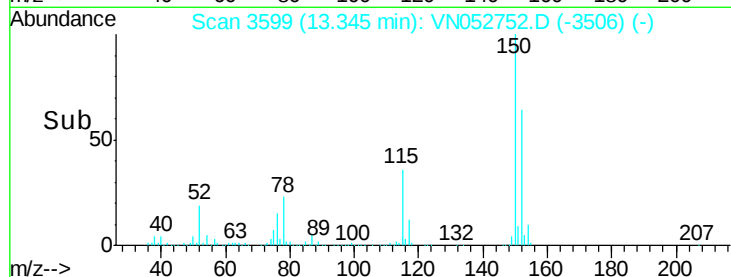
150 156.0 0.0 346.0



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



#95

Naphthalene

Concen: 3.575 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052752.D

Acq: 10 Dec 2018 14:43

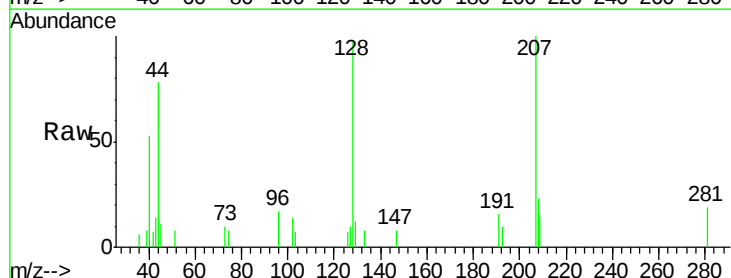
Tgt Ion:128 Resp: 3938

Ion Ratio Lower Upper

128 100

127 8.6 10.2 15.2#

129 8.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

