

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052760.D
 Acq On : 10 Dec 2018 18:17
 Operator : MD\SY
 Sample : PB115448ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#09

Quant Time: Dec 11 02:56:28 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

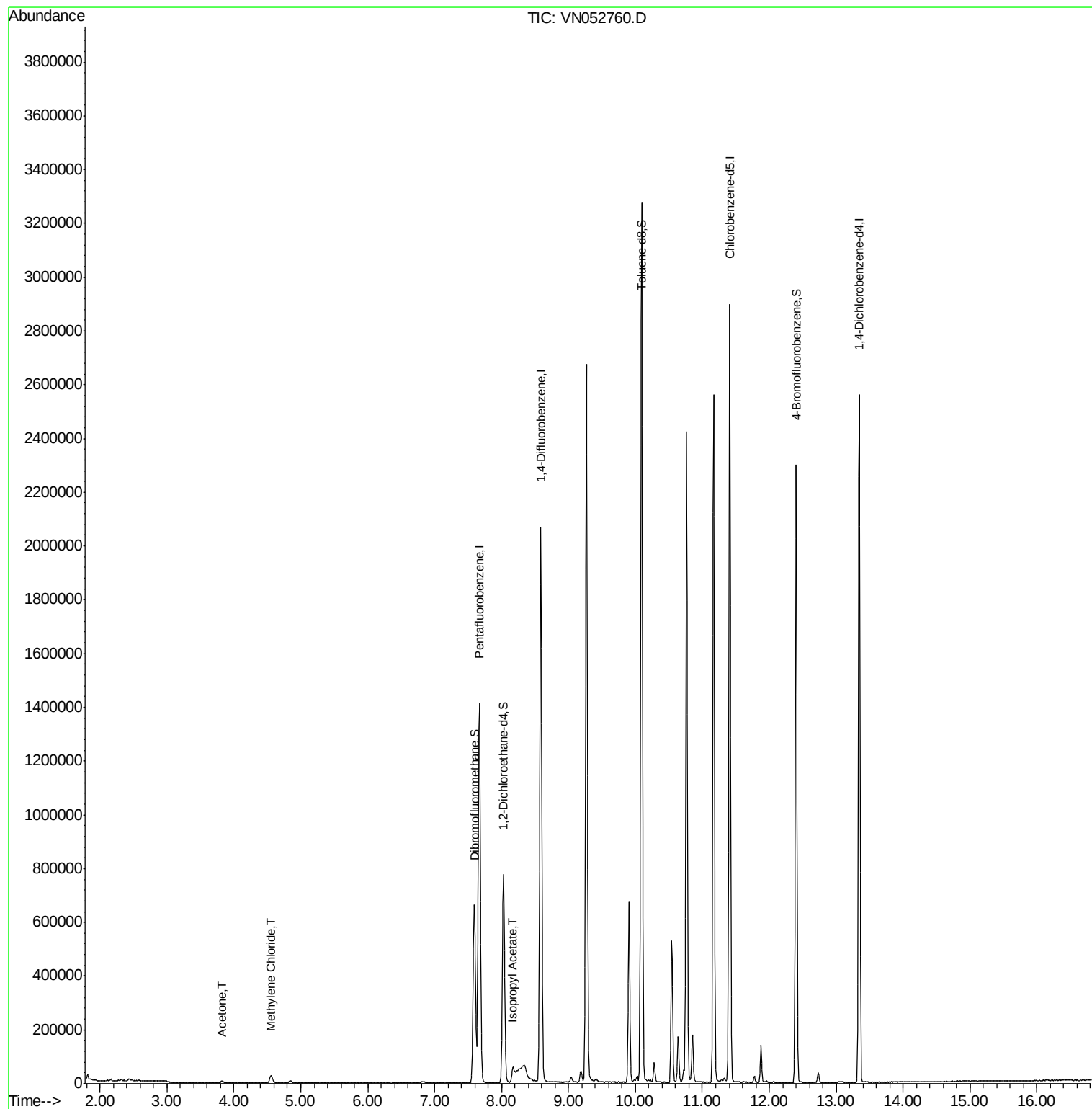
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1236776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1930518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1720672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	722321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	649203	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	516322	43.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.76%	
50) Toluene-d8	10.09	98	2352349	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	786130	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
16) Acetone	3.82	43	12524	3.526	ug/l	93
20) Methylene Chloride	4.56	84	21266	1.530	ug/l	93
43) Isopropyl Acetate	8.17	43	72050	3.827	ug/l #	74

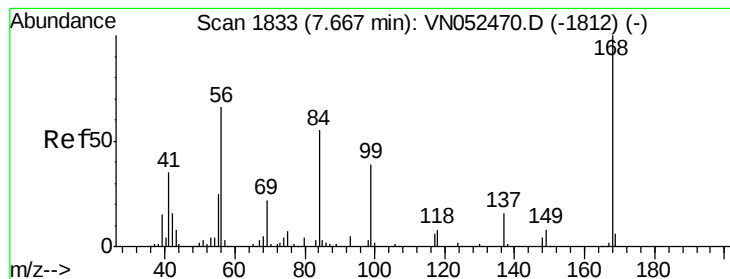
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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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: VN052760.D

Acq: 10 Dec 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

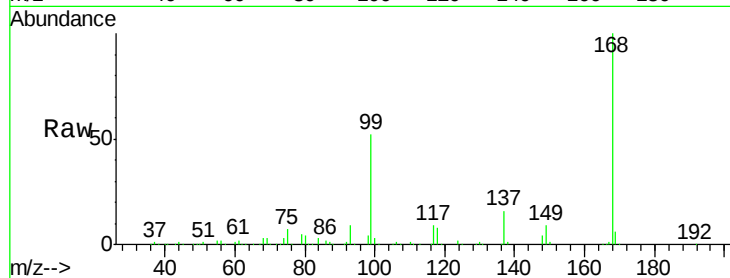
PB115448ZHE#09

Tot Ion:168 Resp: 1236776

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052760.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052760.D (-1740) (-)

7.67

600000

500000

400000

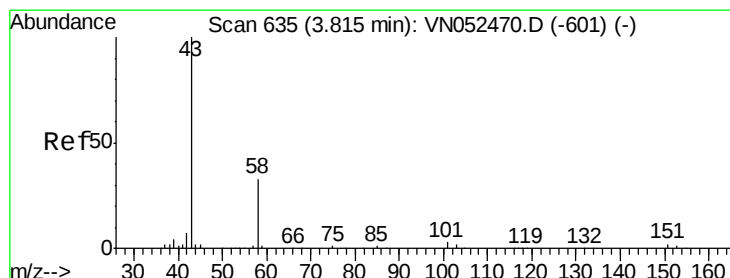
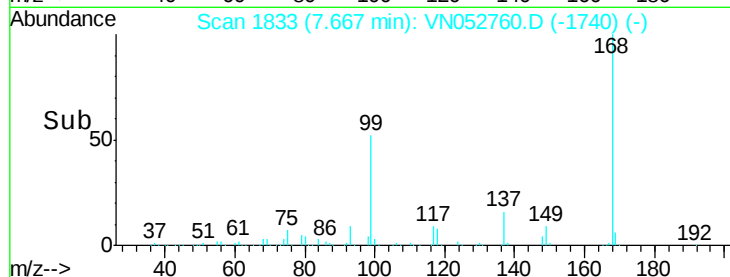
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.526 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052760.D

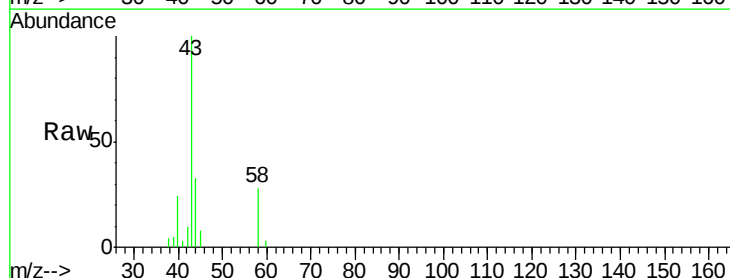
Acq: 10 Dec 2018 18:17

Tgt Ion: 43 Resp: 12524

Ion Ratio Lower Upper

43 100

58 28.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052760.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052760.D (-542) (-)

3.82

5000

4000

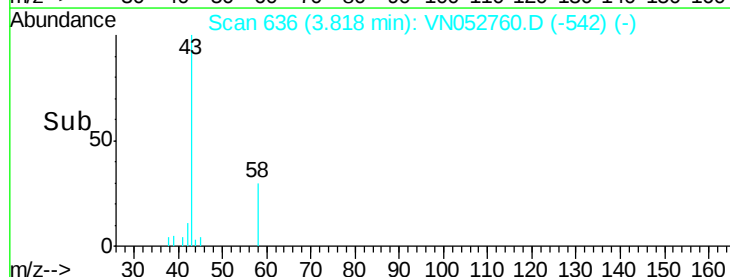
3000

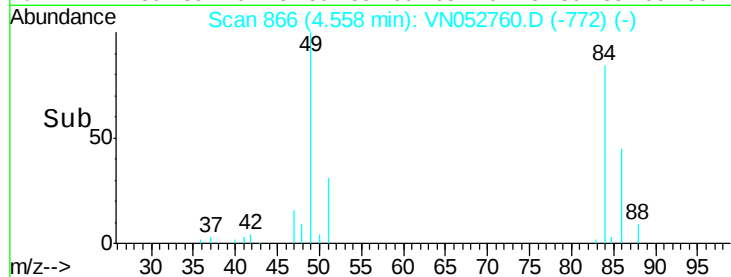
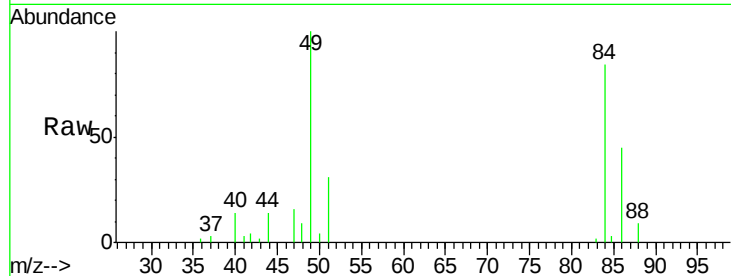
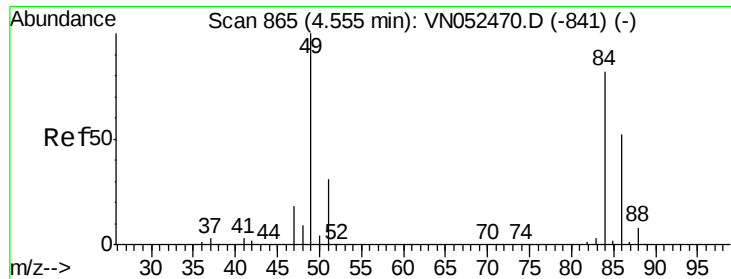
2000

1000

0

Time-->

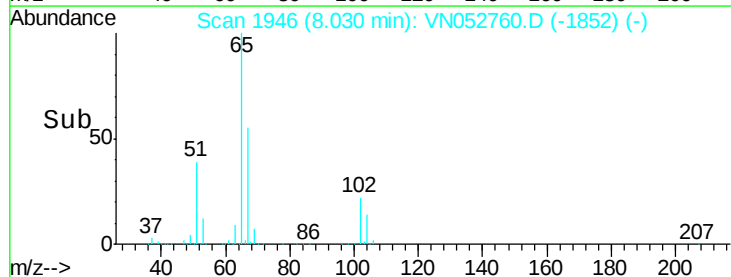
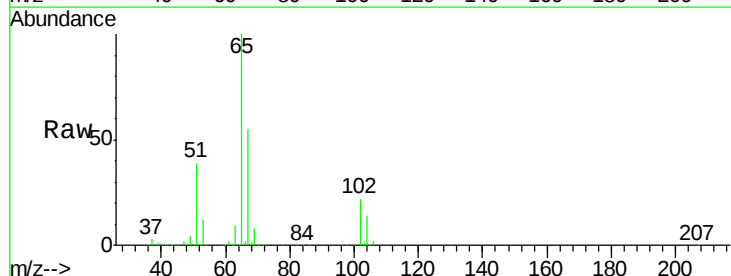
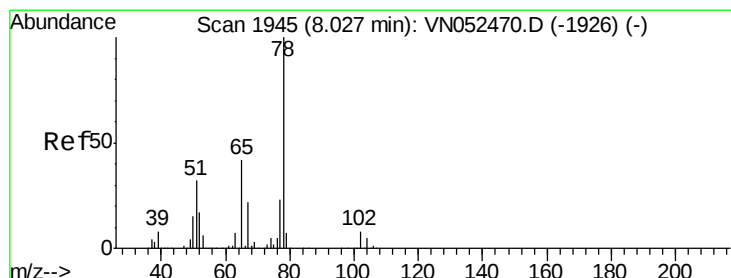
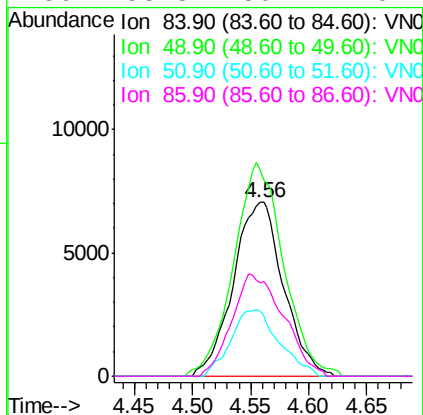




#20
Methvlene Chloride
Concen: 1.530 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052760.D
Acq: 10 Dec 2018 18:17

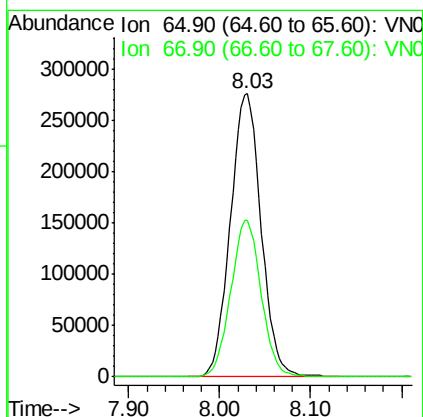
Instrument :
MSVOA_N
ClientSampleId :
PB115448ZHE#09

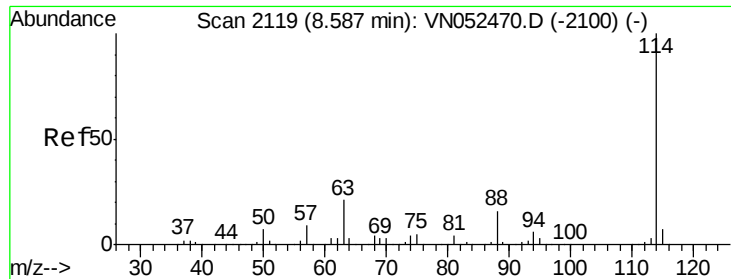
Tot Ion:	84	Resp:	21266
Ion	Ratio	Lower	Upper
84	100		
49	116.4	98.0	147.0
51	37.4	30.1	45.1
86	53.8	50.7	76.1



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052760.D
Acq: 10 Dec 2018 18:17

Tgt Ion:	65	Resp:	649203
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	109.8

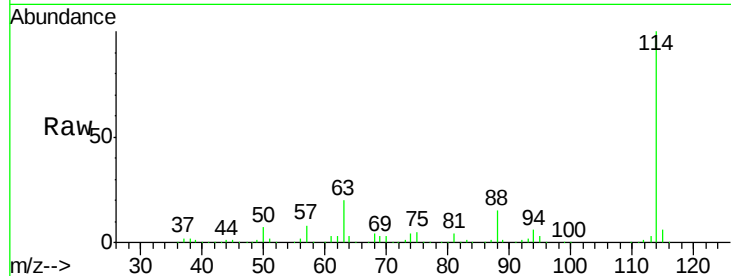




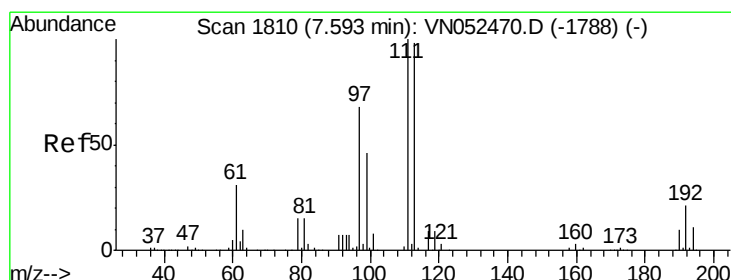
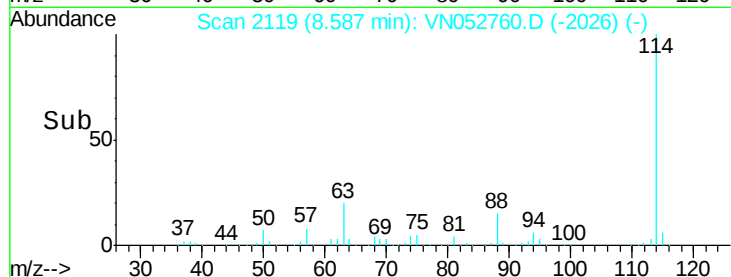
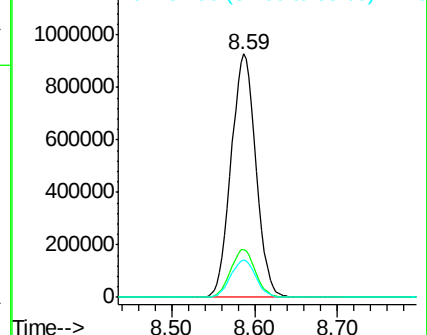
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052760.D
 Acq: 10 Dec 2018 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115448ZHE#09

Tot Ion:114 Resp: 1930518
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.4 0.0 31.6

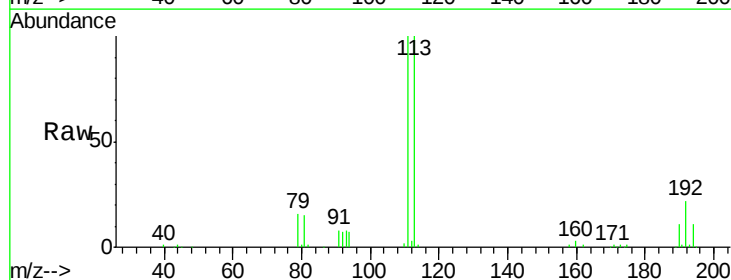


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

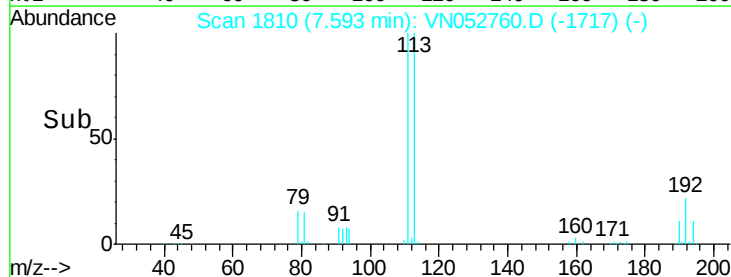
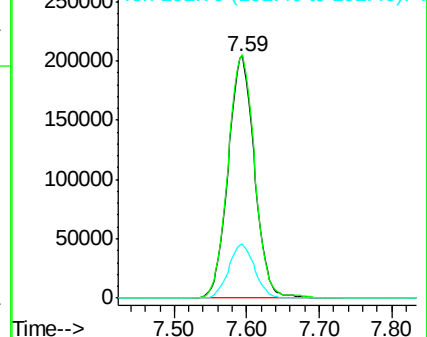


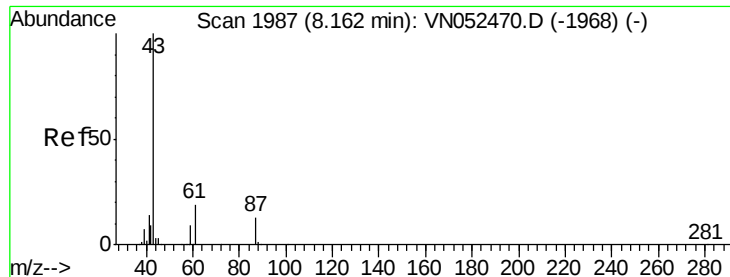
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052760.D
 Acq: 10 Dec 2018 18:17

Tgt Ion:113 Resp: 516322
 Ion Ratio Lower Upper
 113 100
 111 101.0 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: 3.827 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052760.D

Acq: 10 Dec 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#09

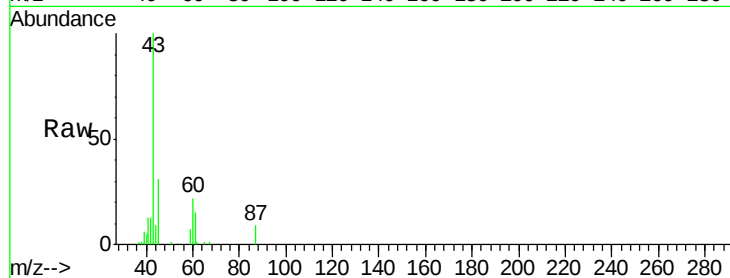
Tot Ion: 43 Resp: 72050

Ion Ratio Lower Upper

43 100

61 12.9 24.1 36.1#

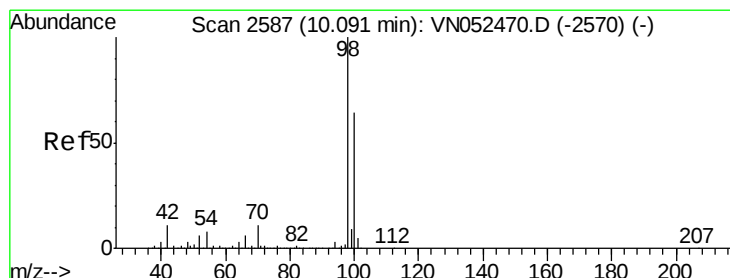
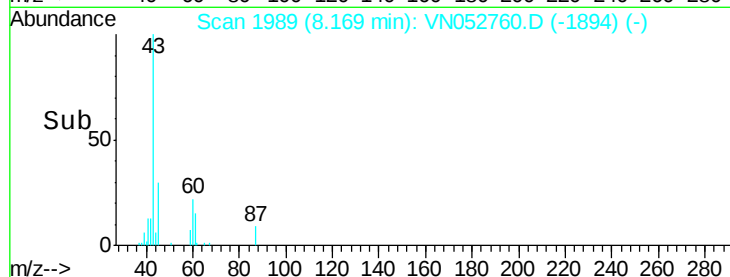
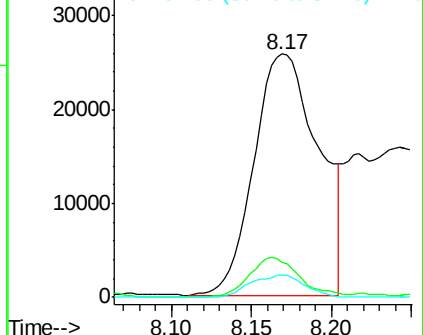
87 7.7 10.6 15.8#



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: VN052760.D

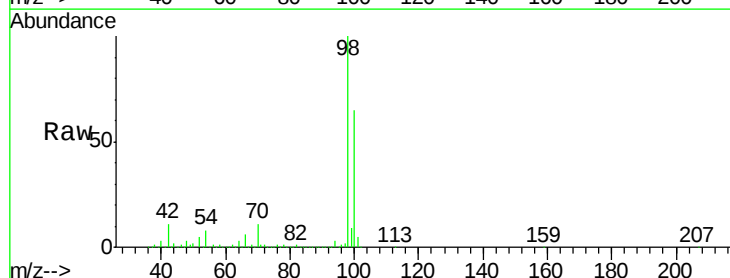
Acq: 10 Dec 2018 18:17

Tgt Ion: 98 Resp: 2352349

Ion Ratio Lower Upper

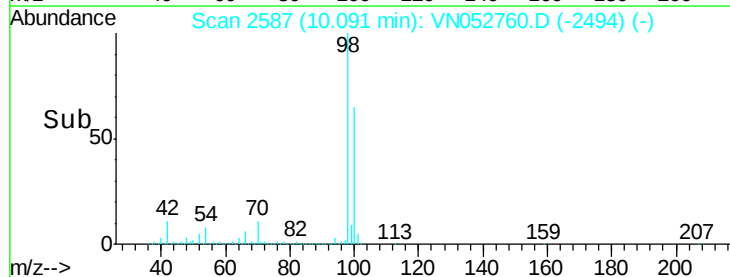
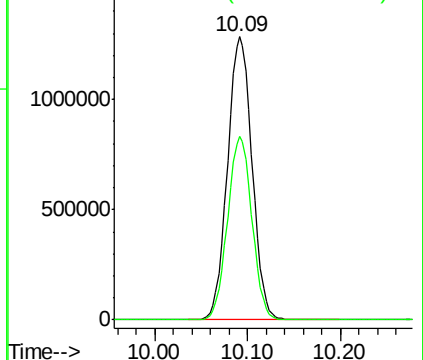
98 100

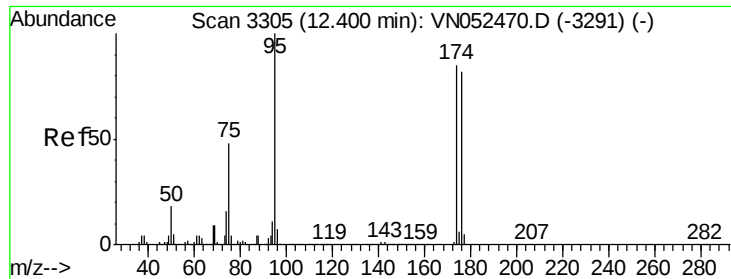
100 64.3 51.3 76.9



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: VN052760.D

Acq: 10 Dec 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#09

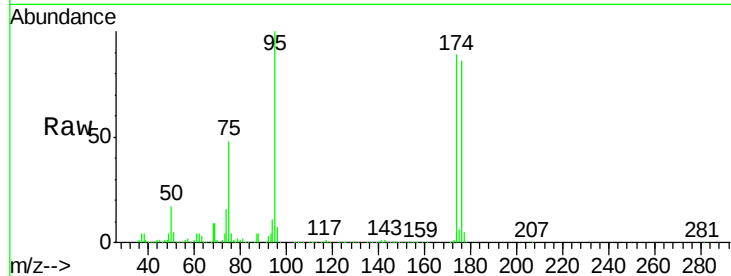
Tot Ion: 95 Resp: 786130

Ion Ratio Lower Upper

95 100

174 88.6 0.0 173.0

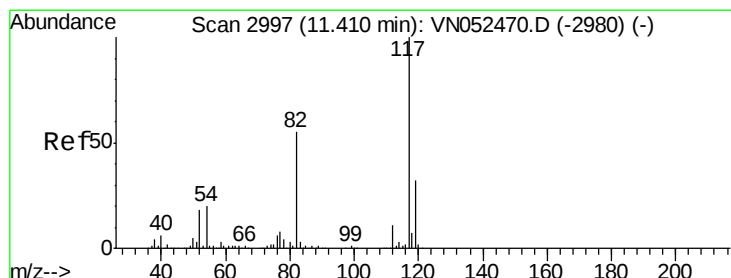
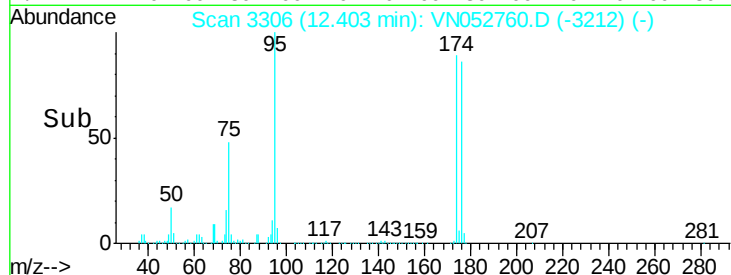
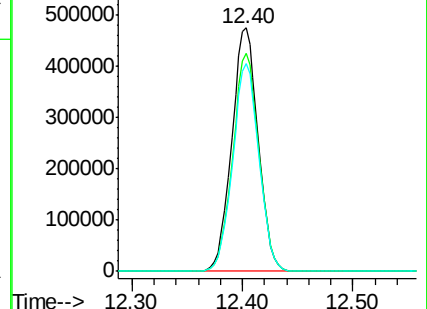
176 85.0 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052760.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052760.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052760.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052760.D

Acq: 10 Dec 2018 18:17

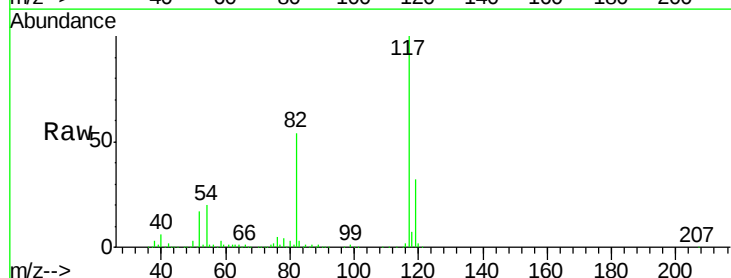
Tgt Ion: 117 Resp: 1720672

Ion Ratio Lower Upper

117 100

82 53.9 43.6 65.4

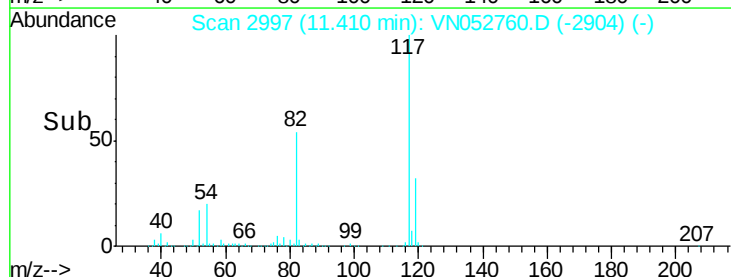
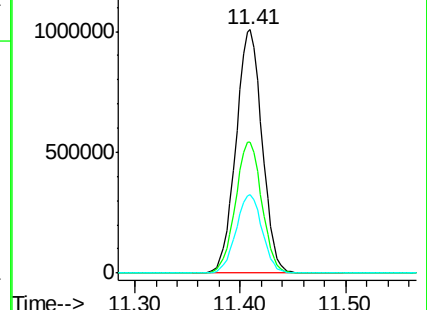
119 32.4 25.4 38.2

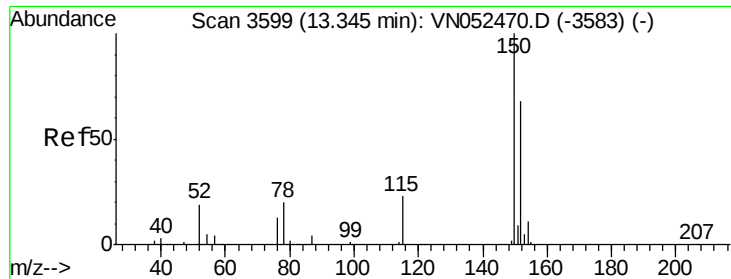


Abundance Ion 116.90 (116.60 to 117.60): VN052760.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052760.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052760.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: VN052760.D

Acq: 10 Dec 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB115448ZHE#09

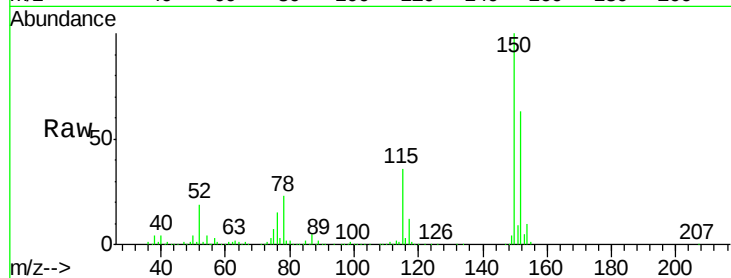
Tot Ion:152 Resp: 722321

Ion Ratio Lower Upper

152 100

115 57.1 28.4 85.2

150 157.9 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

