

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052813.D
 Acq On : 11 Dec 2018 20:09
 Operator : MD\SY
 Sample : J6331-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Dec 12 02:41:16 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

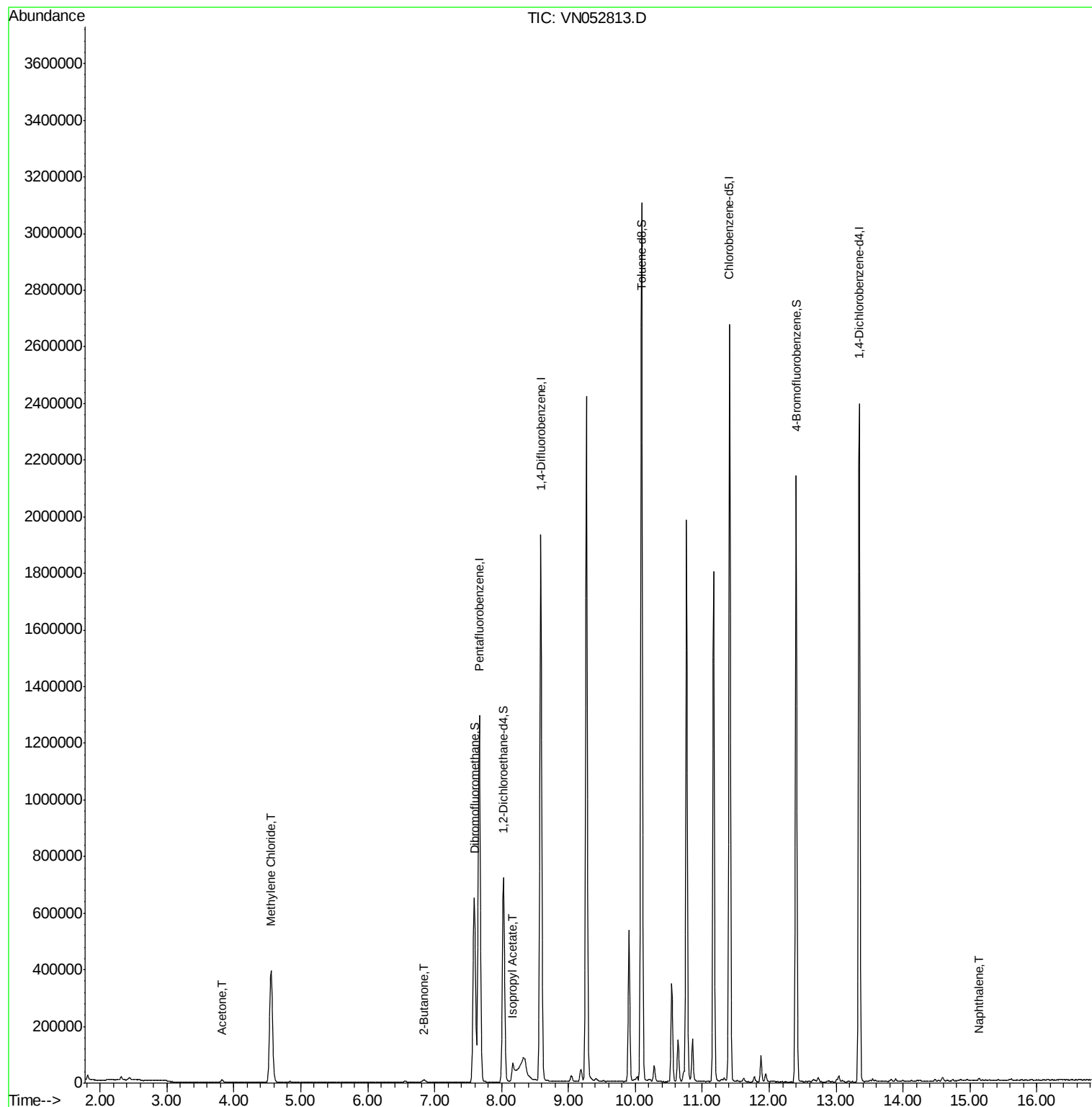
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1135481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1791275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	684894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	613513	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	7.59	113	513204	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	10.09	98	2197377	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	735803	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
16) Acetone	3.83	43	15756	4.832	ug/l	95
20) Methylene Chloride	4.55	84	303331	23.770	ug/l	97
25) 2-Butanone	6.84	43	12682	2.744	ug/l	99
43) Isopropyl Acetate	8.17	43	82690	4.733	ug/l #	74
95) Naphthalene	15.13	128	7516	3.700	ug/l #	94

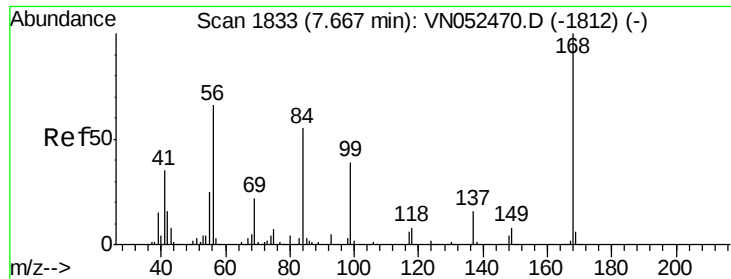
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052813.D

Acq: 11 Dec 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

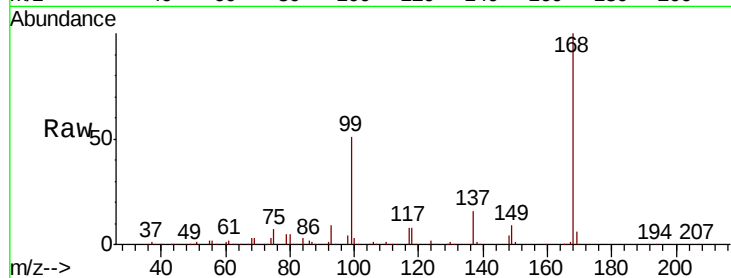
TP-4

Tot Ion:168 Resp: 1135481

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052813.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052813.D (-1740) (-)

7.67

500000

400000

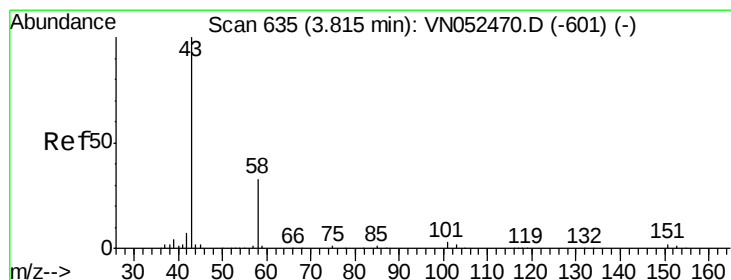
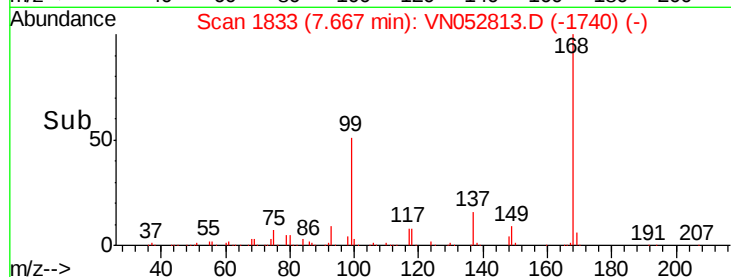
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.832 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052813.D

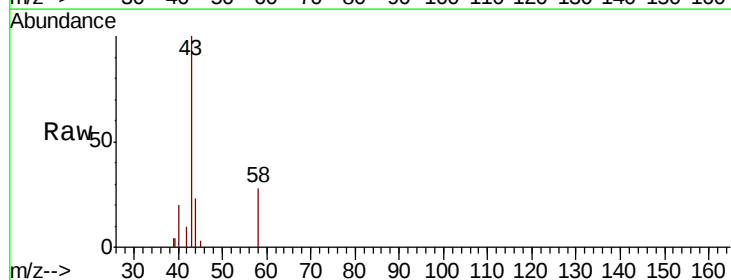
Acq: 11 Dec 2018 20:09

Tgt Ion: 43 Resp: 15756

Ion Ratio Lower Upper

43 100

58 29.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052813.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052813.D (-542) (-)

3.83

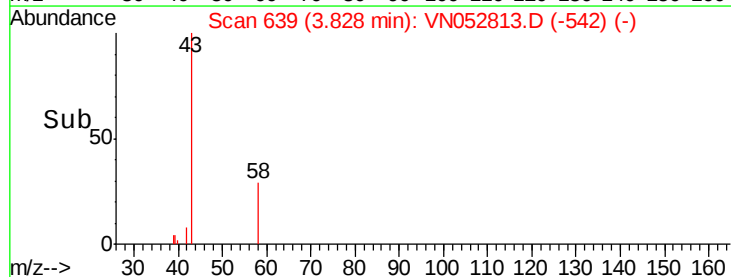
6000

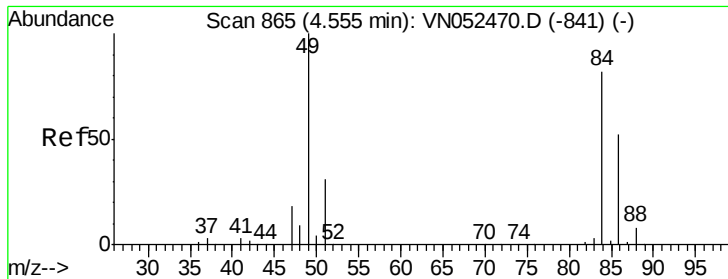
4000

2000

0

Time-->

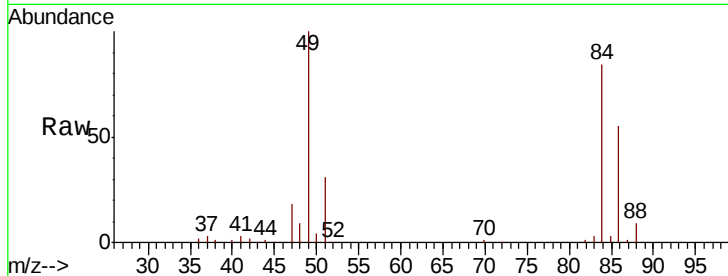




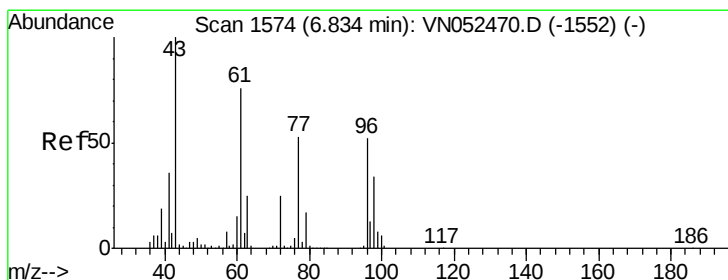
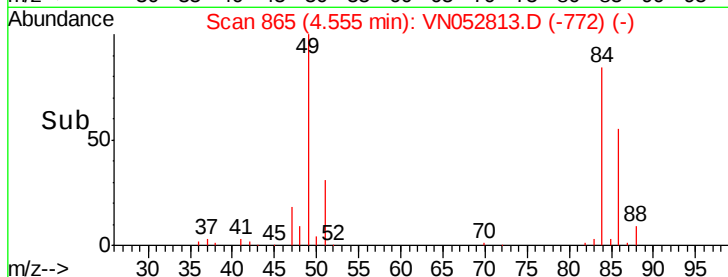
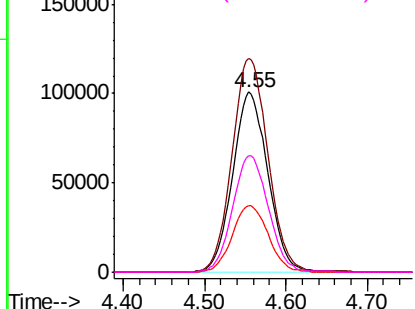
#20
Methvlene Chloride
Concen: 23.770 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052813.D
Acq: 11 Dec 2018 20:09

Instrument :
MSVOA_N
ClientSampleId :
TP-4

Tot Ion:	84	Resp:	303331
Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.0	147.0
51	37.0	30.1	45.1
86	65.0	50.7	76.1

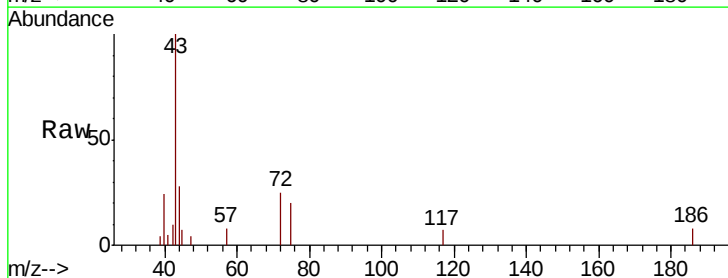


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

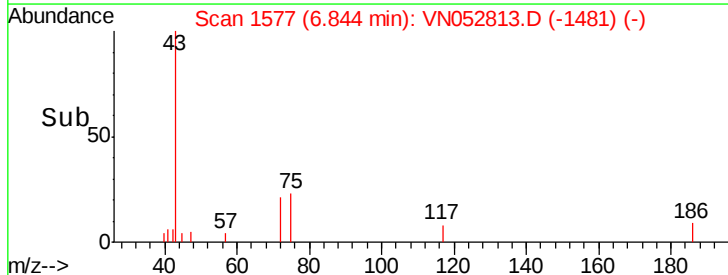
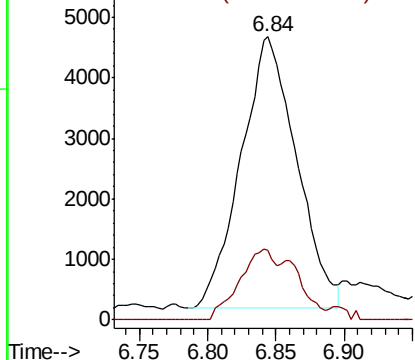


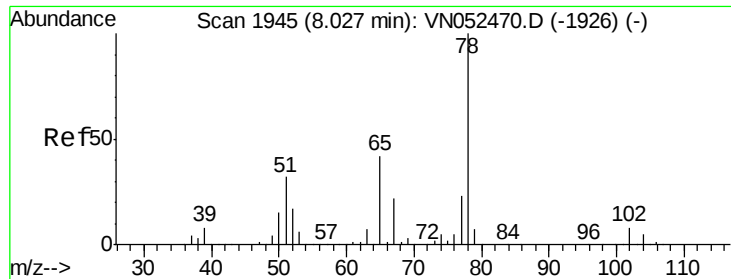
#25
2-Butanone
Concen: 2.744 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN052813.D
Acq: 11 Dec 2018 20:09

Tgt Ion:	43	Resp:	12682
Ion	Ratio	Lower	Upper
43	100		
72	25.8	20.1	30.1



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO

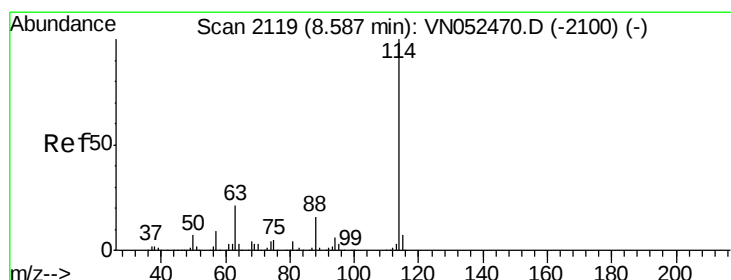
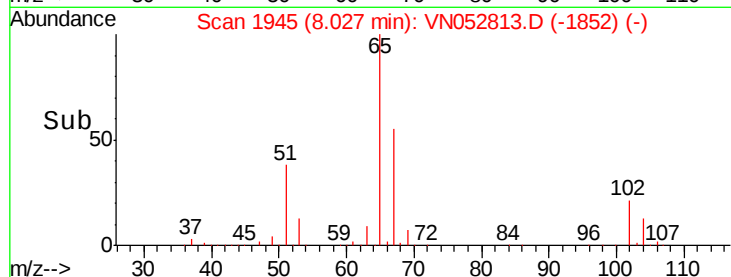
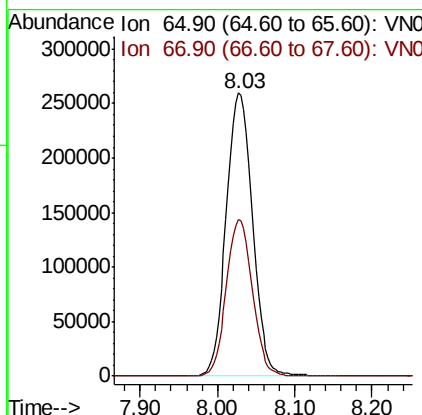
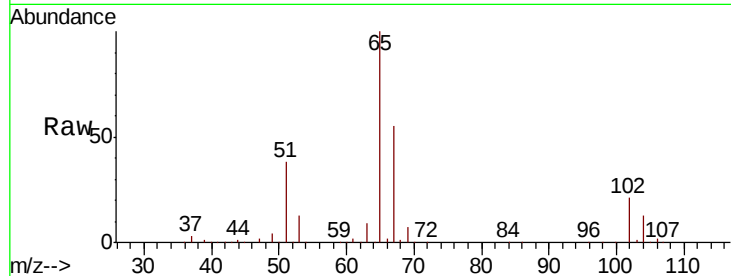




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052813.D
 Acq: 11 Dec 2018 20:09

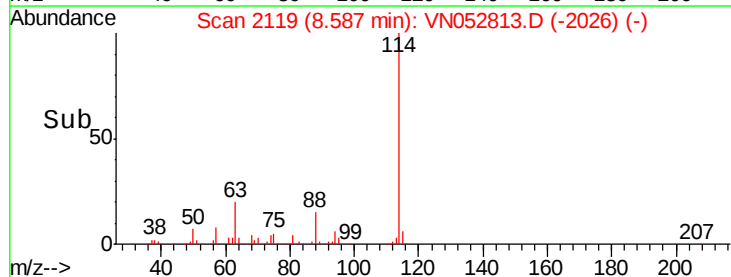
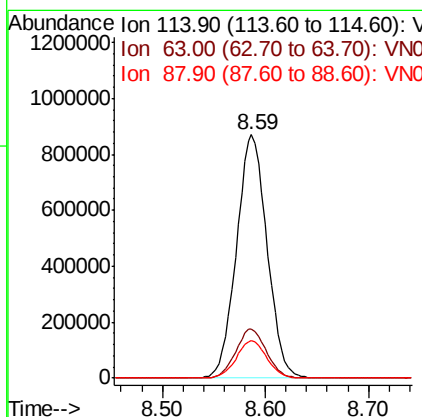
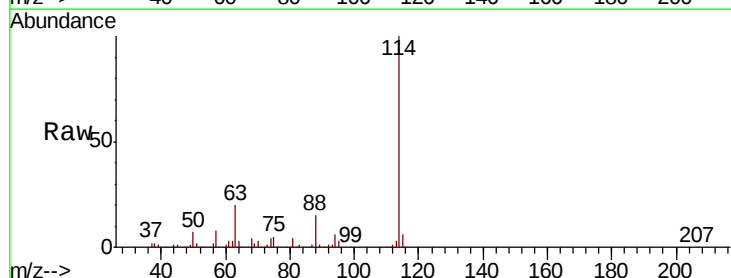
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

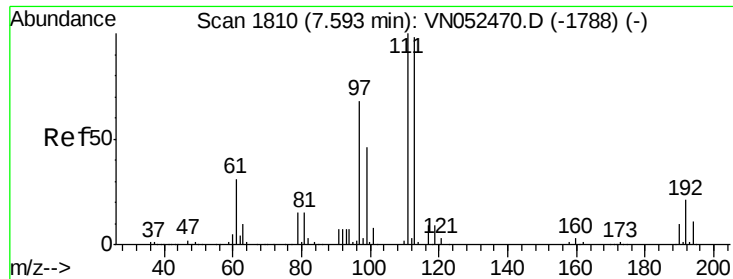
Tot Ion: 65 Resp: 613513
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052813.D
 Acq: 11 Dec 2018 20:09

Tgt Ion: 114 Resp: 1791275
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.2 0.0 31.6

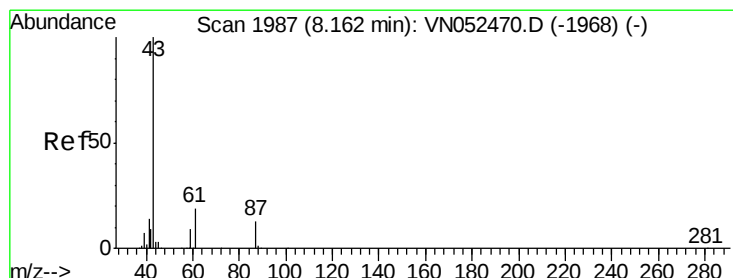
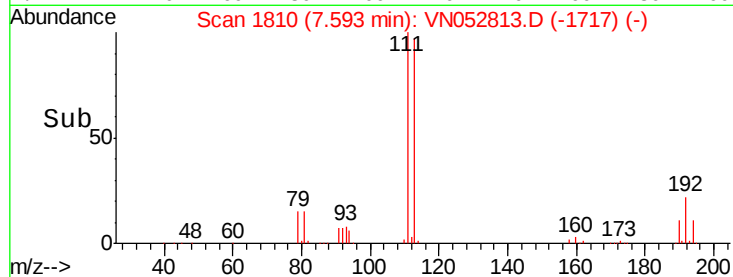
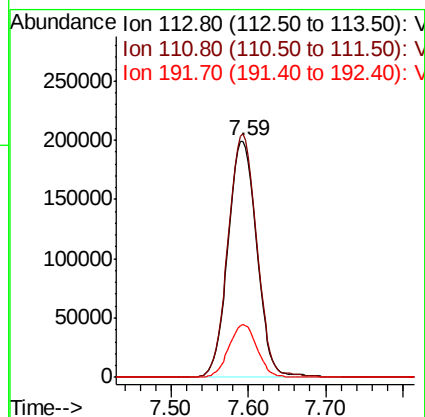
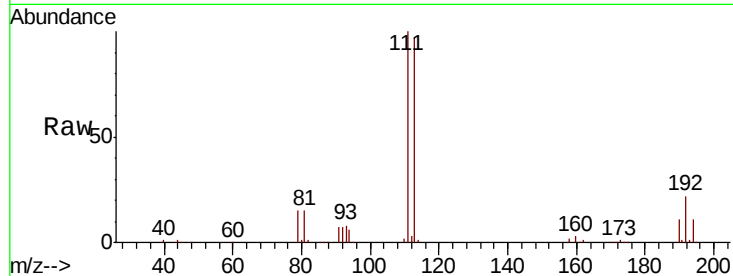




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052813.D
 Acq: 11 Dec 2018 20:09

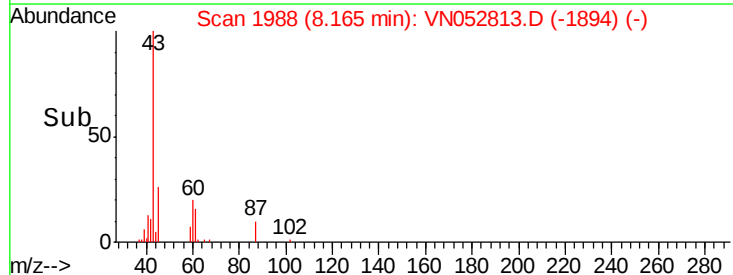
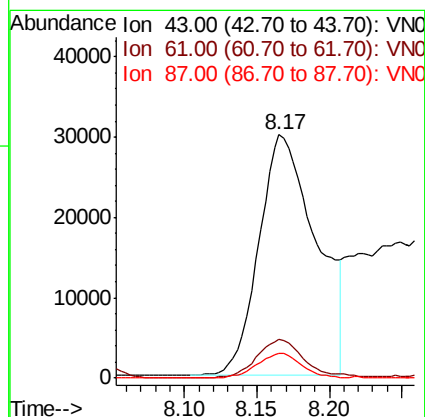
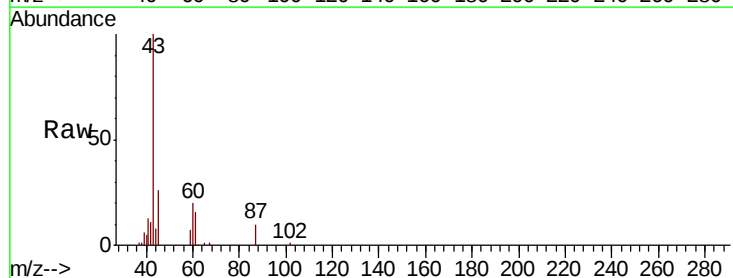
Instrument :
 MSVOA_N
 ClientSampled :
 TP-4

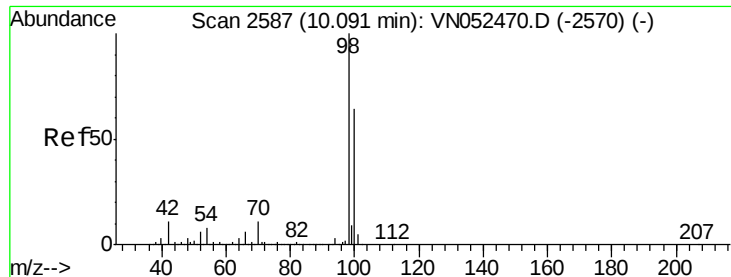
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	22.0	17.0	25.6



#43
 Isopropyl Acetate
 Concen: 4.733 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052813.D
 Acq: 11 Dec 2018 20:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	24.1	36.1#
87	7.8	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: VN052813.D

Acq: 11 Dec 2018 20:09

Instrument :

MSVOA_N

ClientSampled :

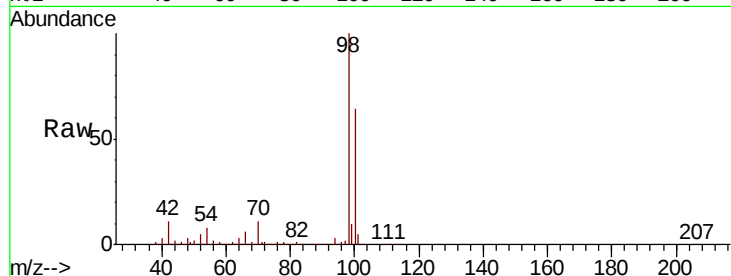
TP-4

Tot Ion: 98 Resp: 2197377

Ion Ratio Lower Upper

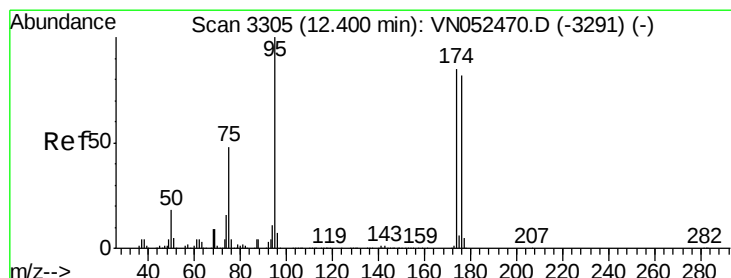
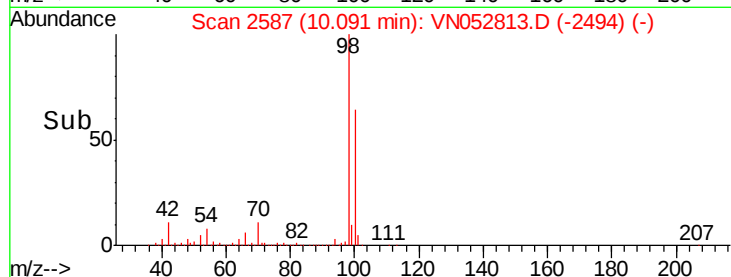
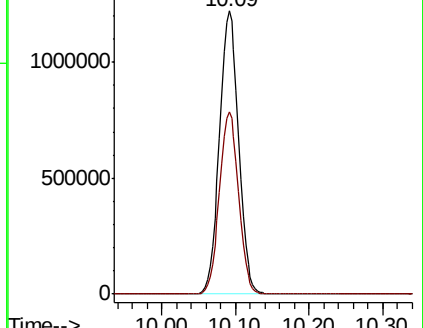
98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052813.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052813.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052813.D

Acq: 11 Dec 2018 20:09

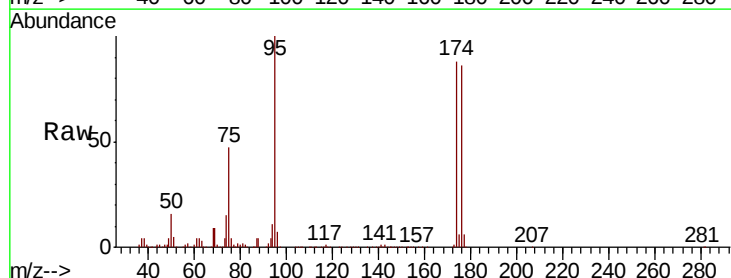
Tgt Ion: 95 Resp: 735803

Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.0

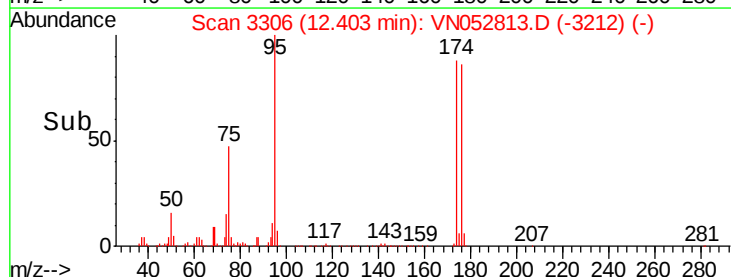
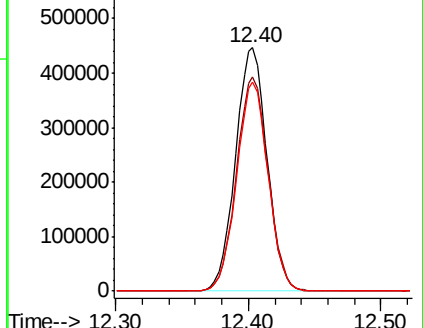
176 85.7 0.0 166.2

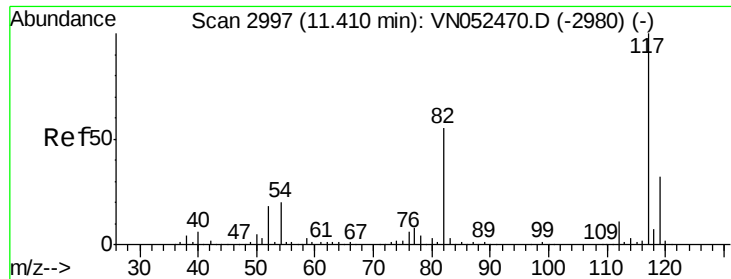


Abundance Ion 94.90 (94.60 to 95.60): VN052813.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052813.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052813.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052813.D

Acq: 11 Dec 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

TP-4

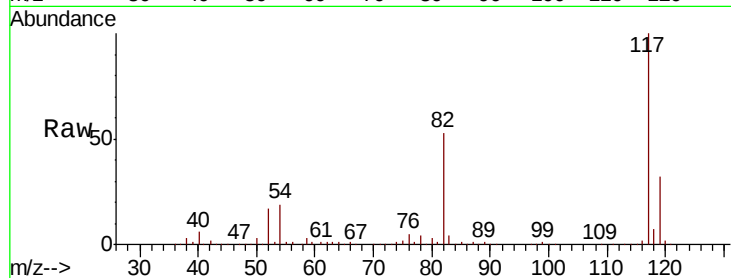
Tot Ion:117 Resp: 1627159

Ion Ratio Lower Upper

117 100

82 53.3 43.6 65.4

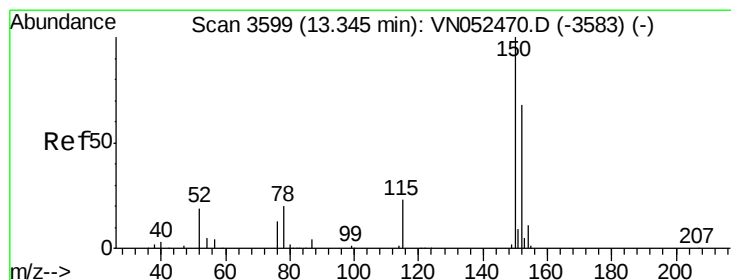
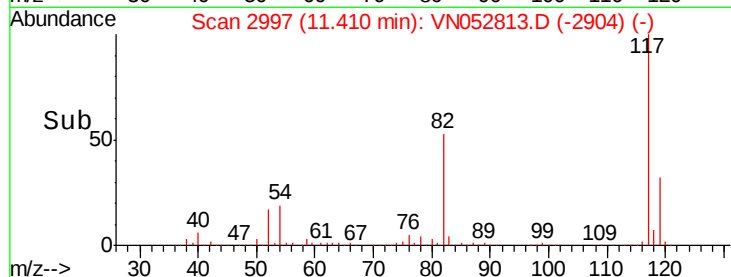
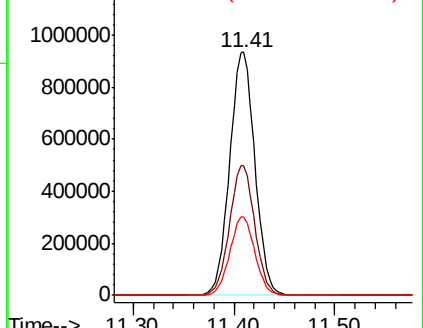
119 32.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052813.D

Acq: 11 Dec 2018 20:09

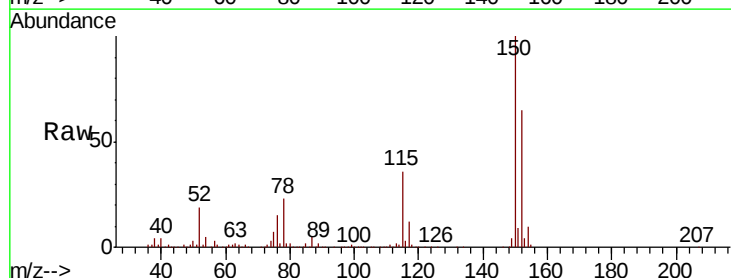
Tgt Ion:152 Resp: 684894

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.2

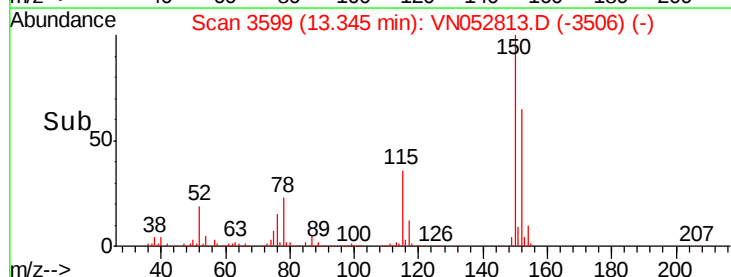
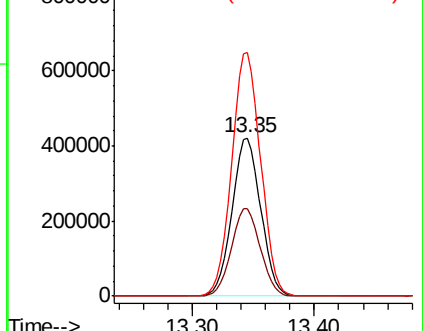
150 155.9 0.0 346.0

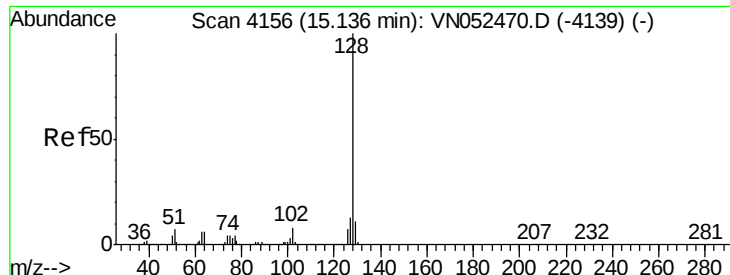


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.700 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052813.D

Acq: 11 Dec 2018 20:09

Instrument :

MSVOA_N

ClientSampleId :

TP-4

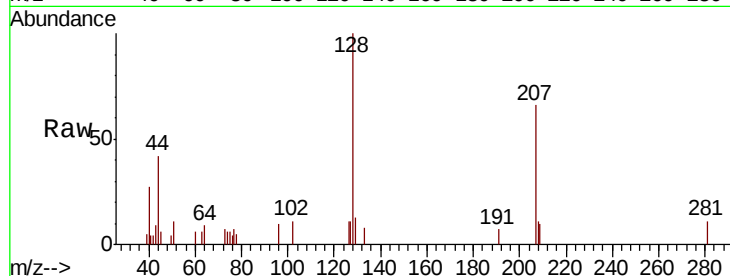
Tot Ion:128 Resp: 7516

Ion Ratio Lower Upper

128 100

127 9.8 10.2 15.2#

129 12.2 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

