

Data File : VN055387.D
Acq On : 3 May 2019 14:07
Operator : JC/SP
Sample : K2668-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: May 04 00:20:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

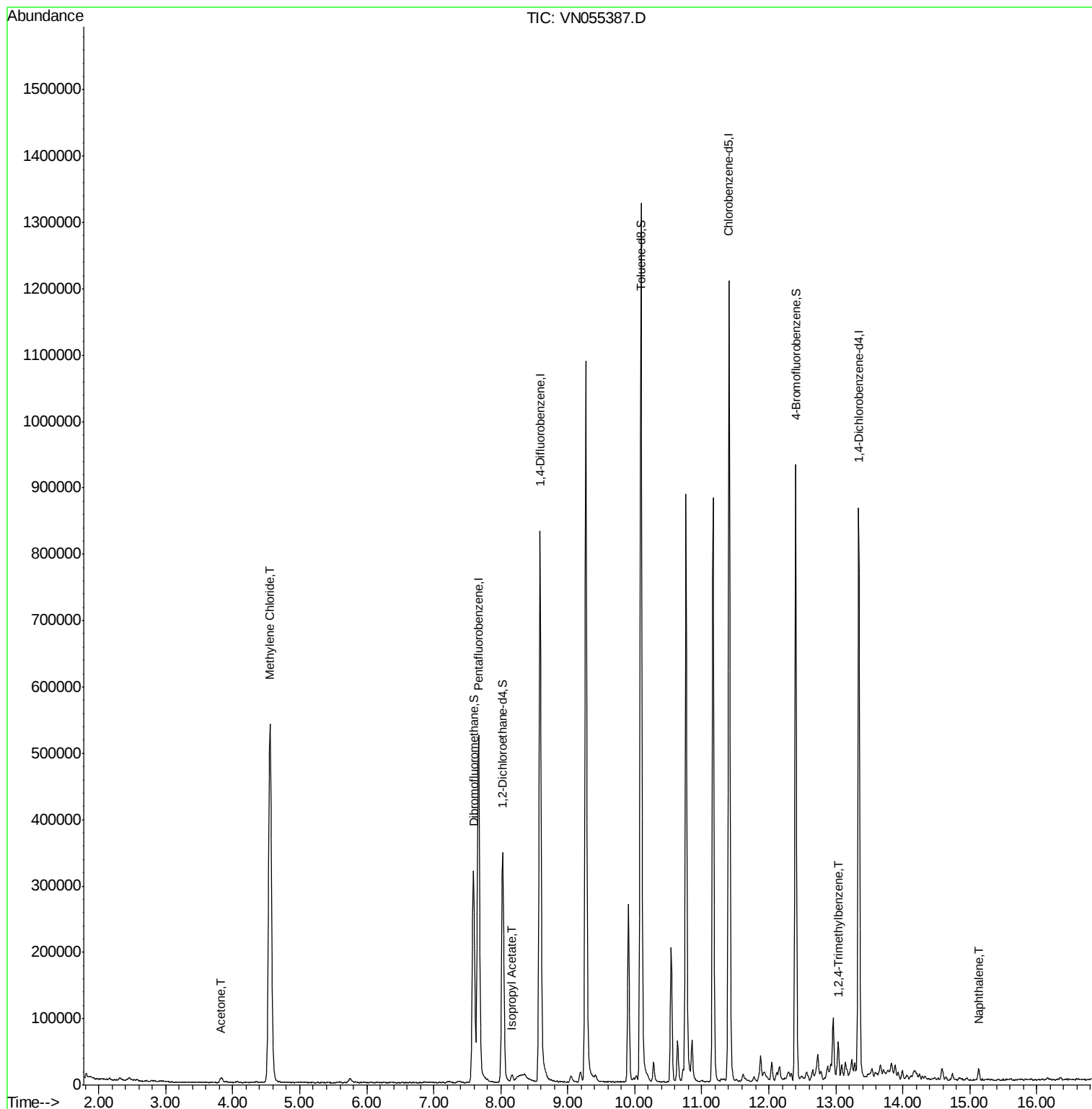
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	455996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	760833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	705967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	231609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	304026	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
35) Dibromofluoromethane	7.59	113	243834	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.09	98	956991	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.40	95	314554	55.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.62%	
Target Compounds						
16) Acetone	3.82	43	13392	7.205	ug/l	92
20) Methylene Chloride	4.56	84	380743	67.109	ug/l	98
43) Isopropyl Acetate	8.17	43	13182	1.469	ug/l #	87
84) 1,2,4-Trimethylbenzene	13.04	105	25643	1.579	ug/l	99
95) Naphthalene	15.13	128	14887	5.487	ug/l	96

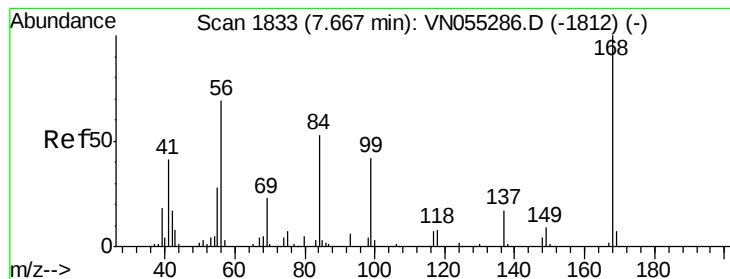
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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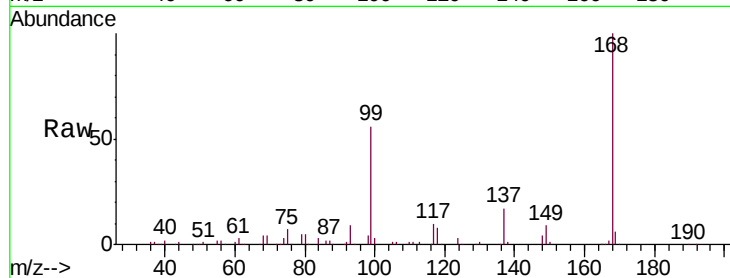
Instrument :
MSVOA_N
ClientSampled :
TP-2

Tgt Ion:168 Resp: 455996

Ion Ratio Lower Upper

168 100

99 55.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

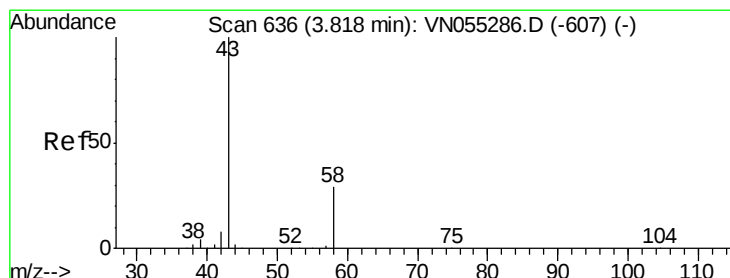
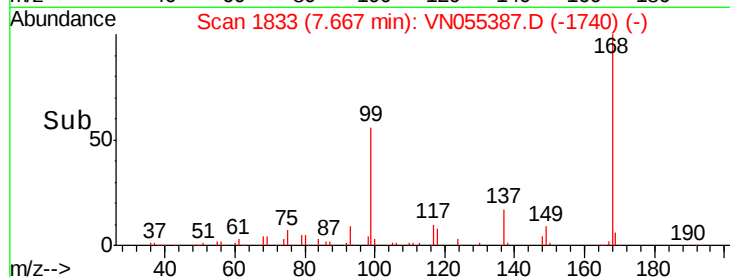
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.205 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055387.D

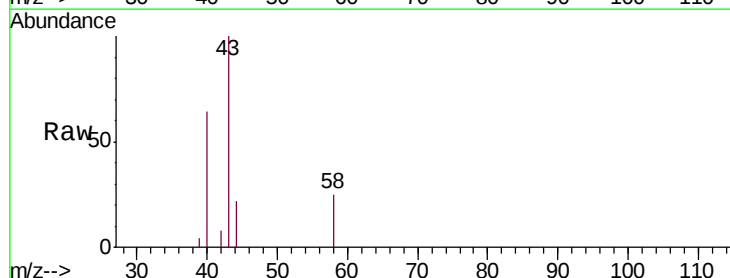
Acq: 3 May 2019 14:07

Tgt Ion: 43 Resp: 13392

Ion Ratio Lower Upper

43 100

58 25.3 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

3000

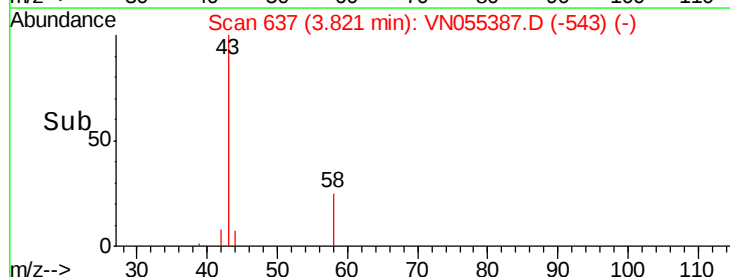
2000

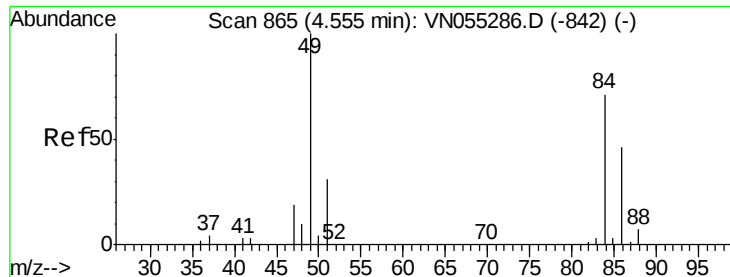
1000

0

3.75 3.80 3.85 3.90

Time-->

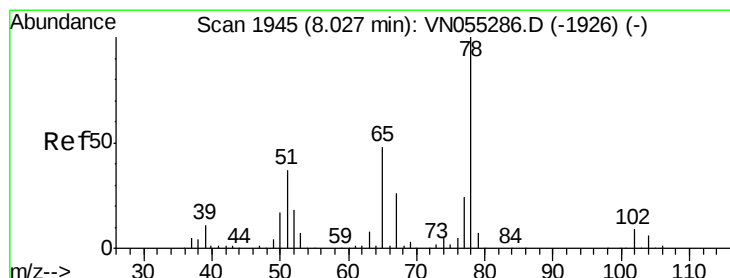
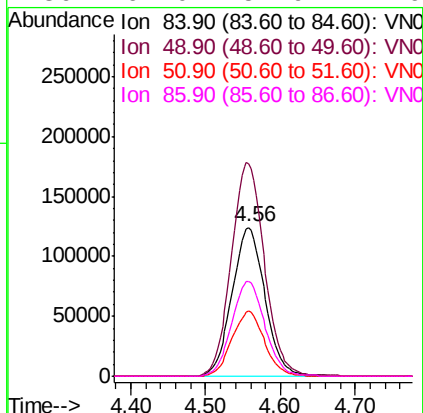
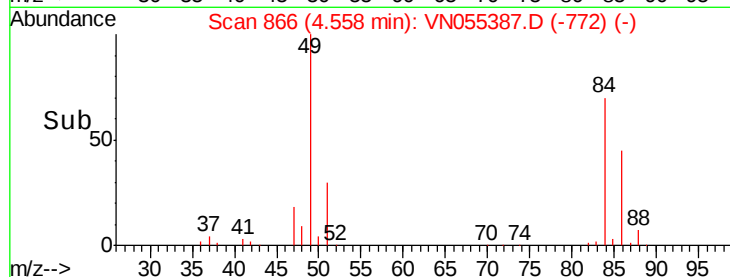
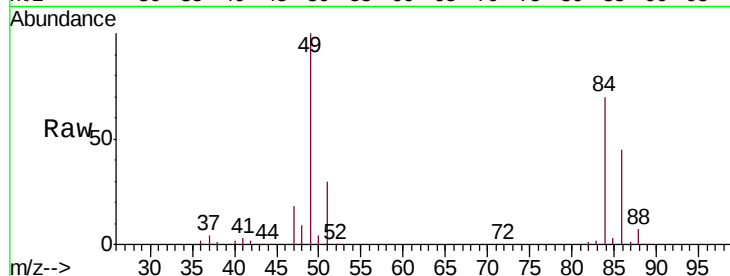




#20
Methylene Chloride
Concen: 67.109 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

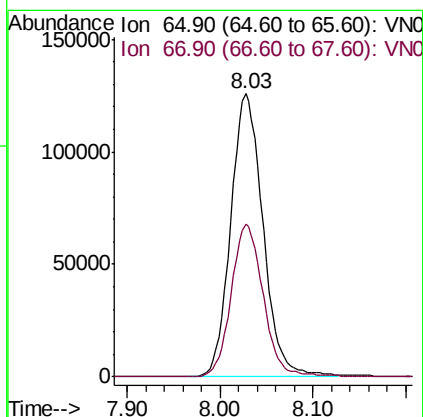
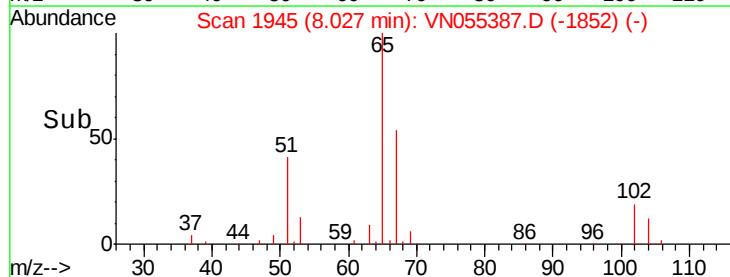
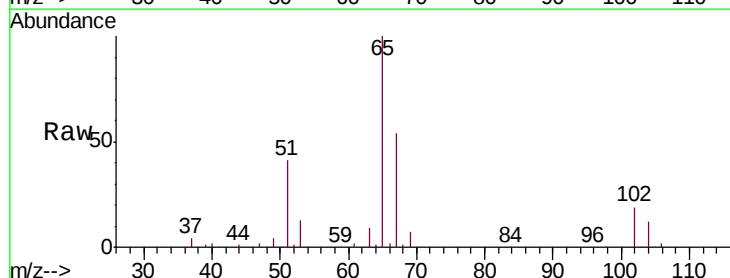
Instrument :
MSVOA_N
ClientSampled :
TP-2

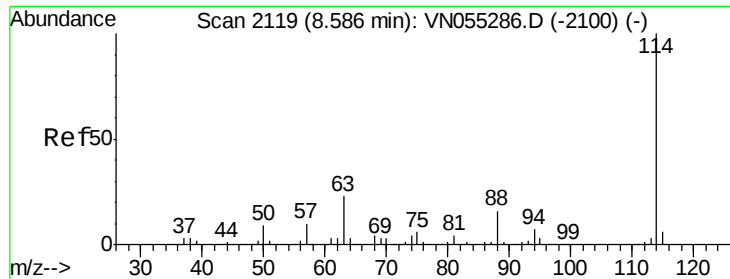
Tgt Ion: 84 Resp: 380743
Ion Ratio Lower Upper
84 100
49 142.9 112.4 168.6
51 43.5 34.6 51.8
86 64.0 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 50.964 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055387.D
Acq: 3 May 2019 14:07

Tgt Ion: 65 Resp: 304026
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8

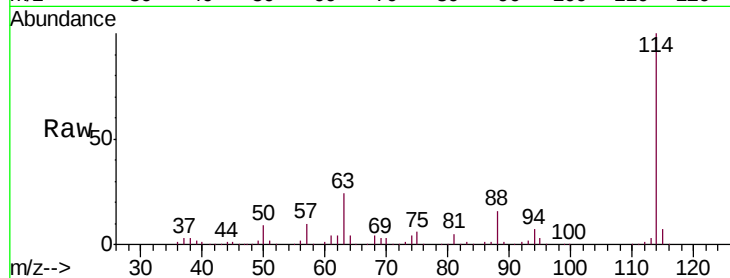




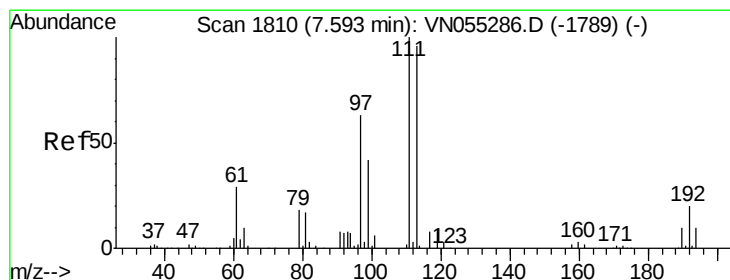
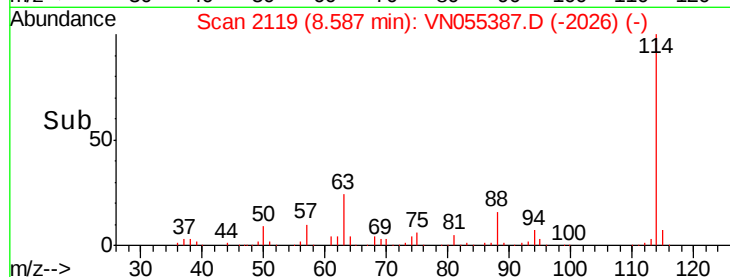
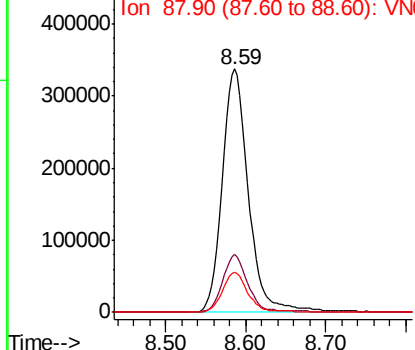
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Tgt Ion:114 Resp: 760833
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.2
 88 16.4 0.0 31.6

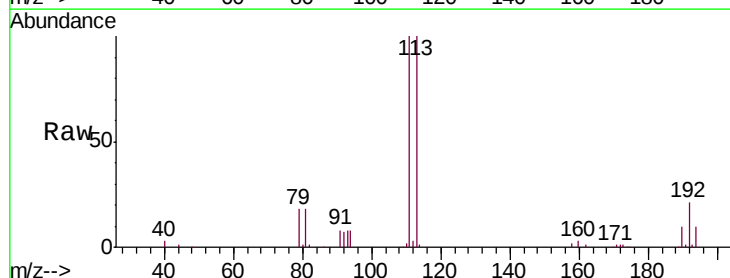


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

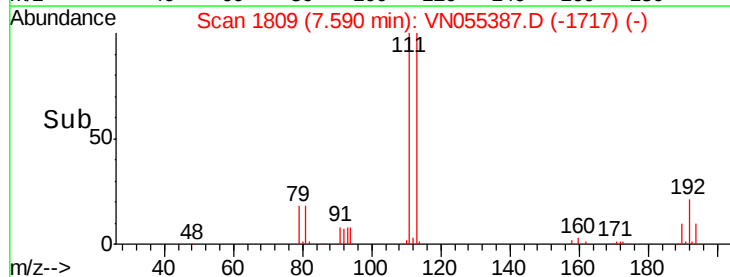
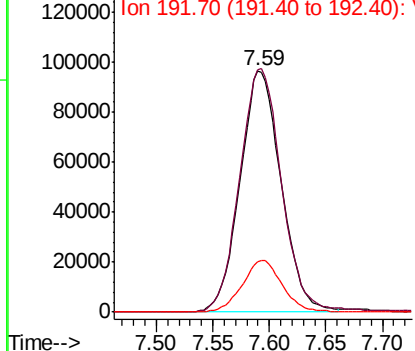


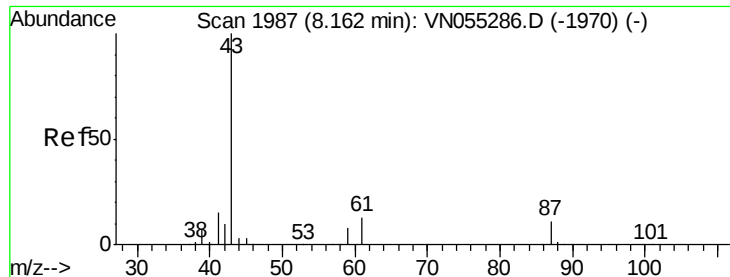
#35
 Dibromofluoromethane
 Concen: 48.827 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055387.D
 Acq: 3 May 2019 14:07

Tgt Ion:113 Resp: 243834
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 21.2 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: 1.469 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2

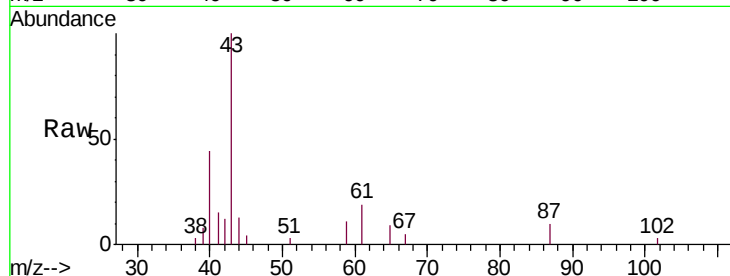
Tgt Ion: 43 Resp: 13182

Ion Ratio Lower Upper

43 100

61 19.0 20.8 31.2#

87 6.4 8.5 12.7#

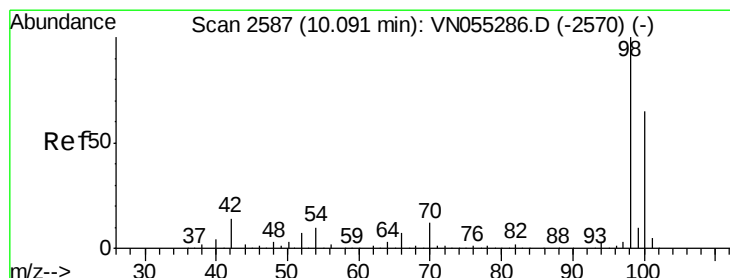
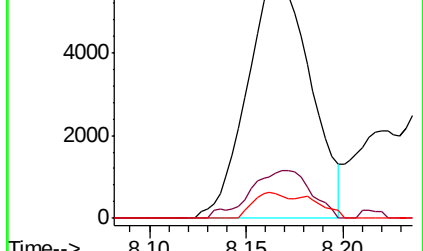
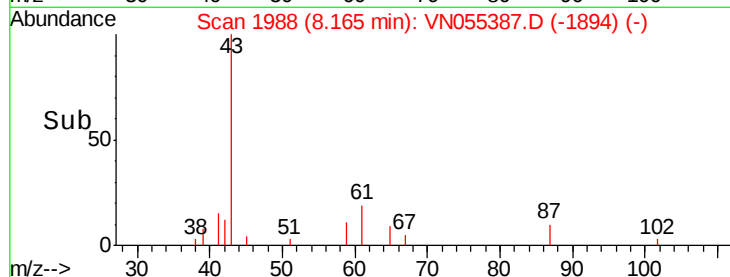


Abundance Ion 43.00 (42.70 to 43.70): VN055387.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055387.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055387.D (-1894) (-)

Time-->



#50

Toluene-d8

Concen: 53.071 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055387.D

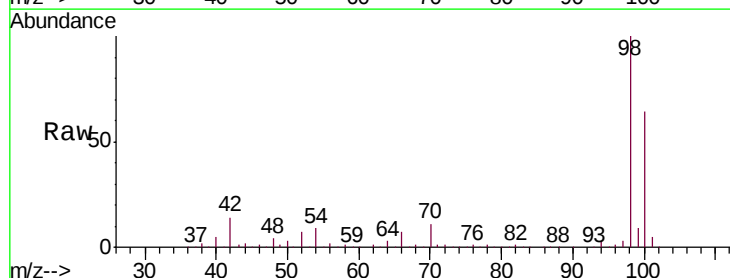
Acq: 3 May 2019 14:07

Tgt Ion: 98 Resp: 956991

Ion Ratio Lower Upper

98 100

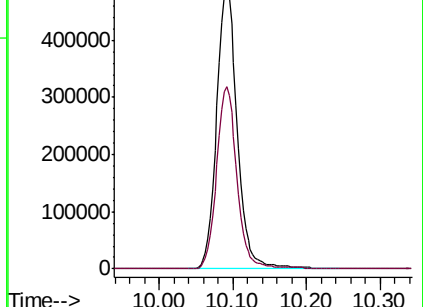
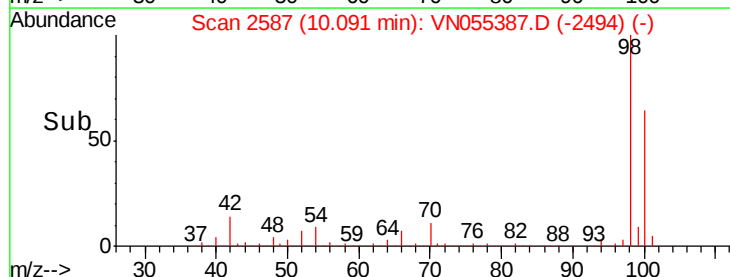
100 63.1 51.7 77.5

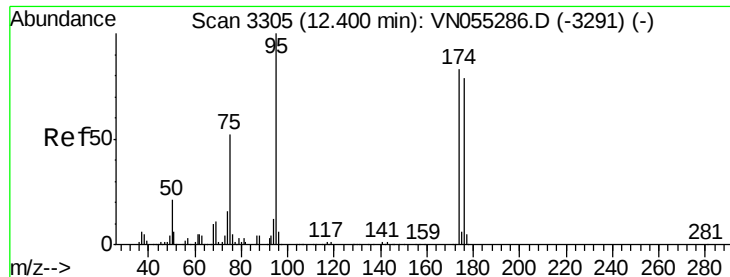


Abundance Ion 98.00 (97.70 to 98.70): VN055387.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055387.D (-2494) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 55.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2

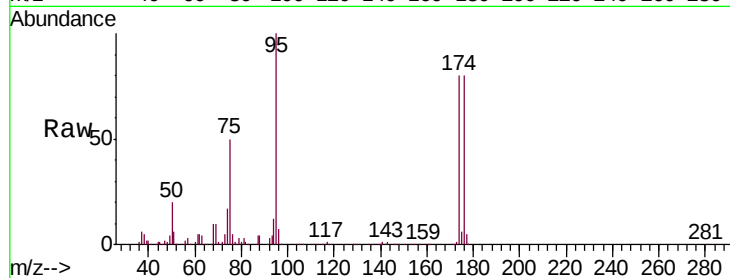
Tgt Ion: 95 Resp: 314554

Ion Ratio Lower Upper

95 100

174 81.4 0.0 166.6

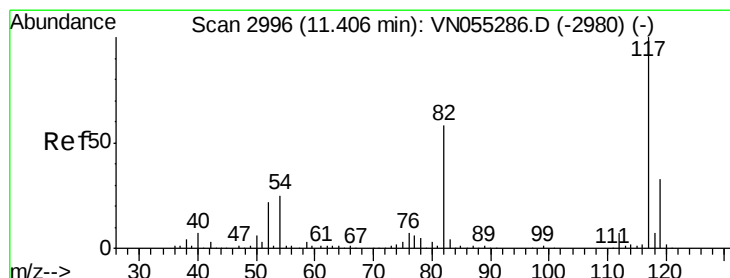
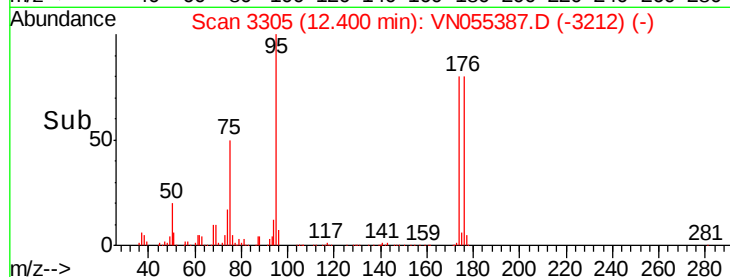
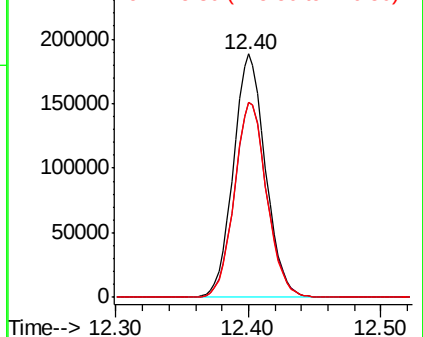
176 80.9 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055387.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055387.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055387.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

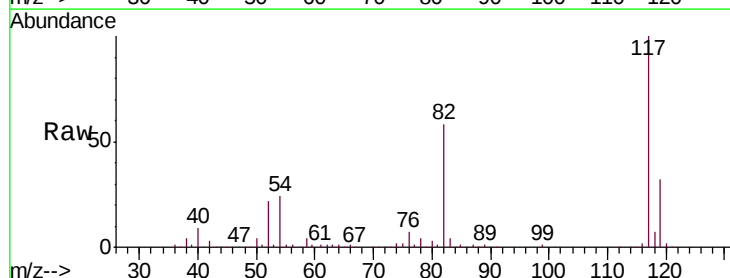
Tgt Ion: 117 Resp: 705967

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

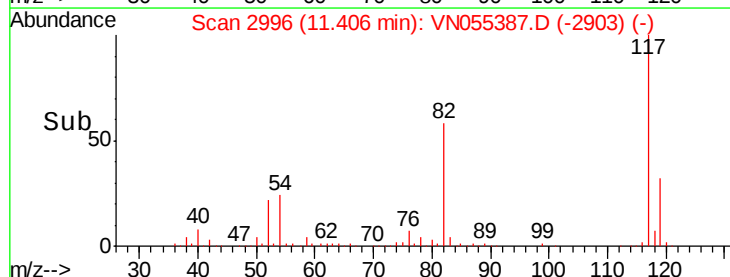
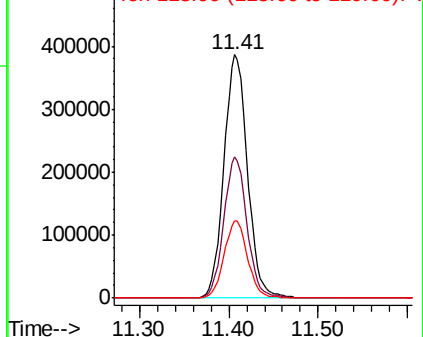
119 31.9 26.6 40.0

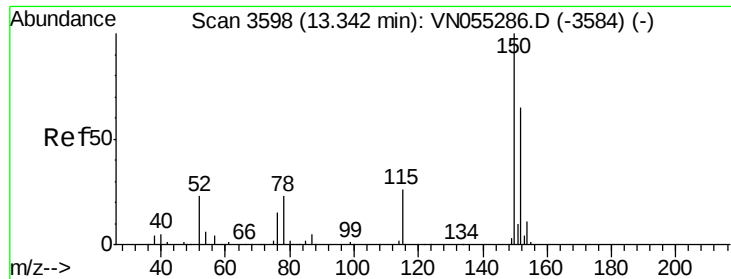


Abundance Ion 116.90 (116.60 to 117.60): VN055387.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055387.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055387.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055387.D

Acq: 3 May 2019 14:07

Instrument :

MSVOA_N

ClientSampled :

TP-2

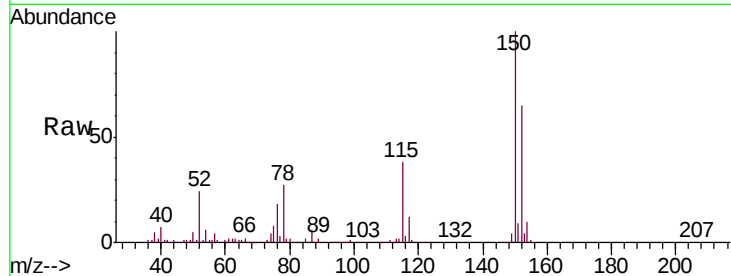
Tgt Ion:152 Resp: 231609

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

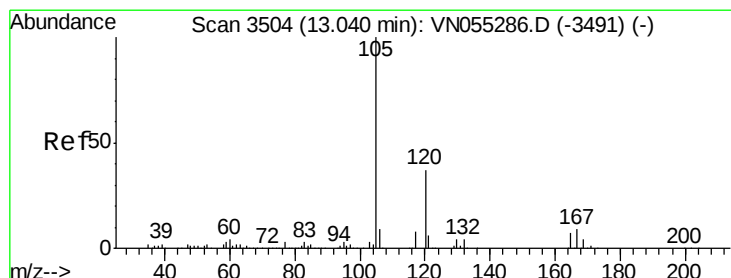
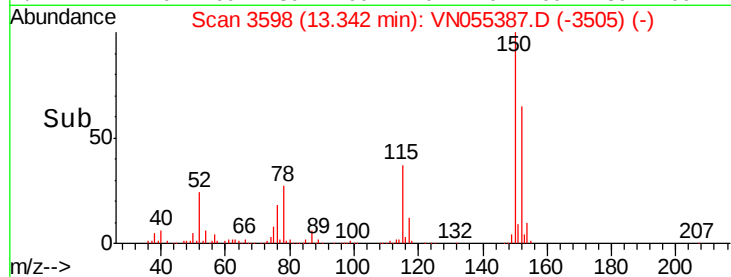
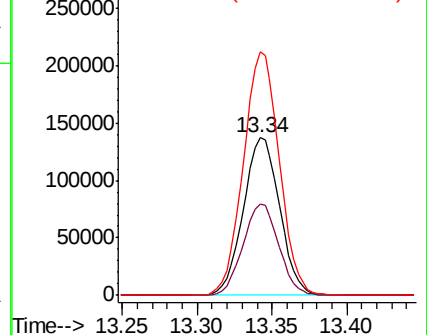
150 153.2 0.0 345.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.579 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN055387.D

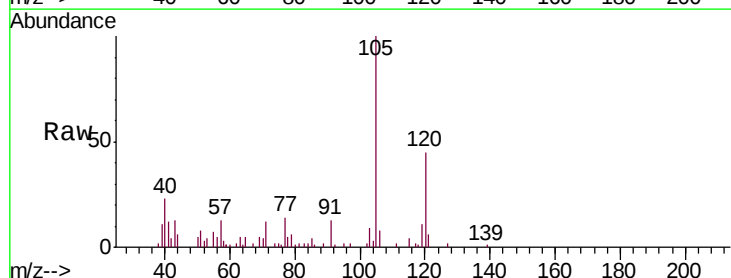
Acq: 3 May 2019 14:07

Tgt Ion:105 Resp: 25643

Ion Ratio Lower Upper

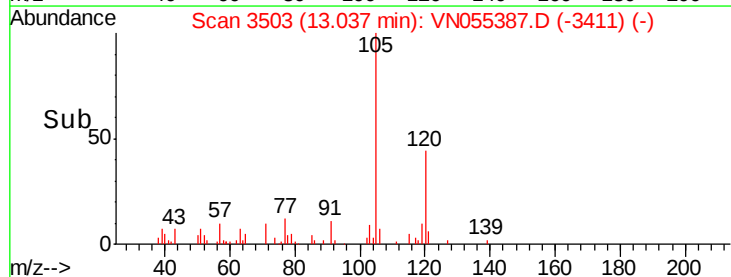
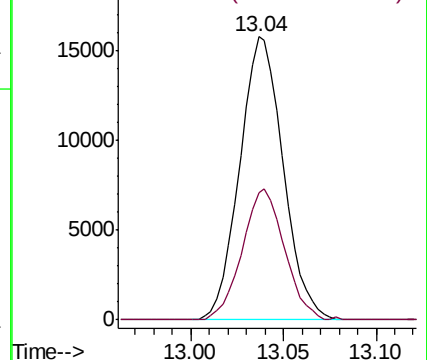
105 100

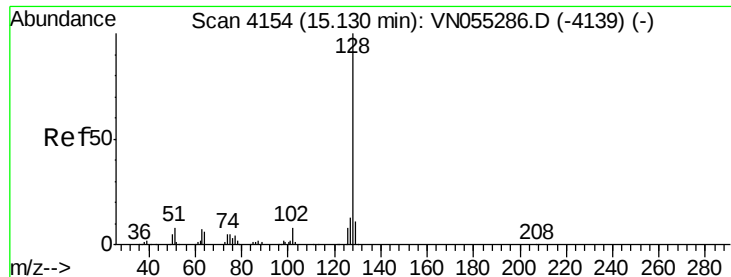
120 44.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.487 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055387.D

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TP-2

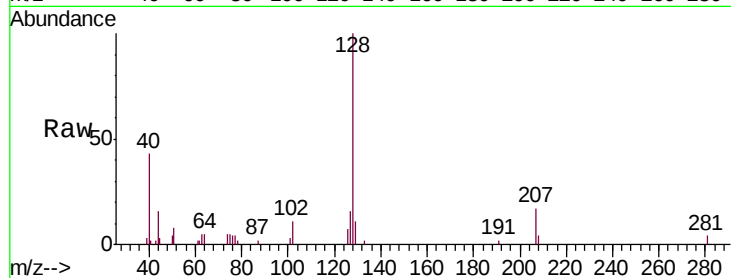
Tgt Ion:128 Resp: 14887

Ion Ratio Lower Upper

128 100

127 15.5 10.7 16.1

129 9.9 8.6 13.0



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

