

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053801.D
 Acq On : 15 Feb 2019 15:45
 Operator : JC/SP
 Sample : K1501-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CH-021419

Quant Time: Feb 16 00:02:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

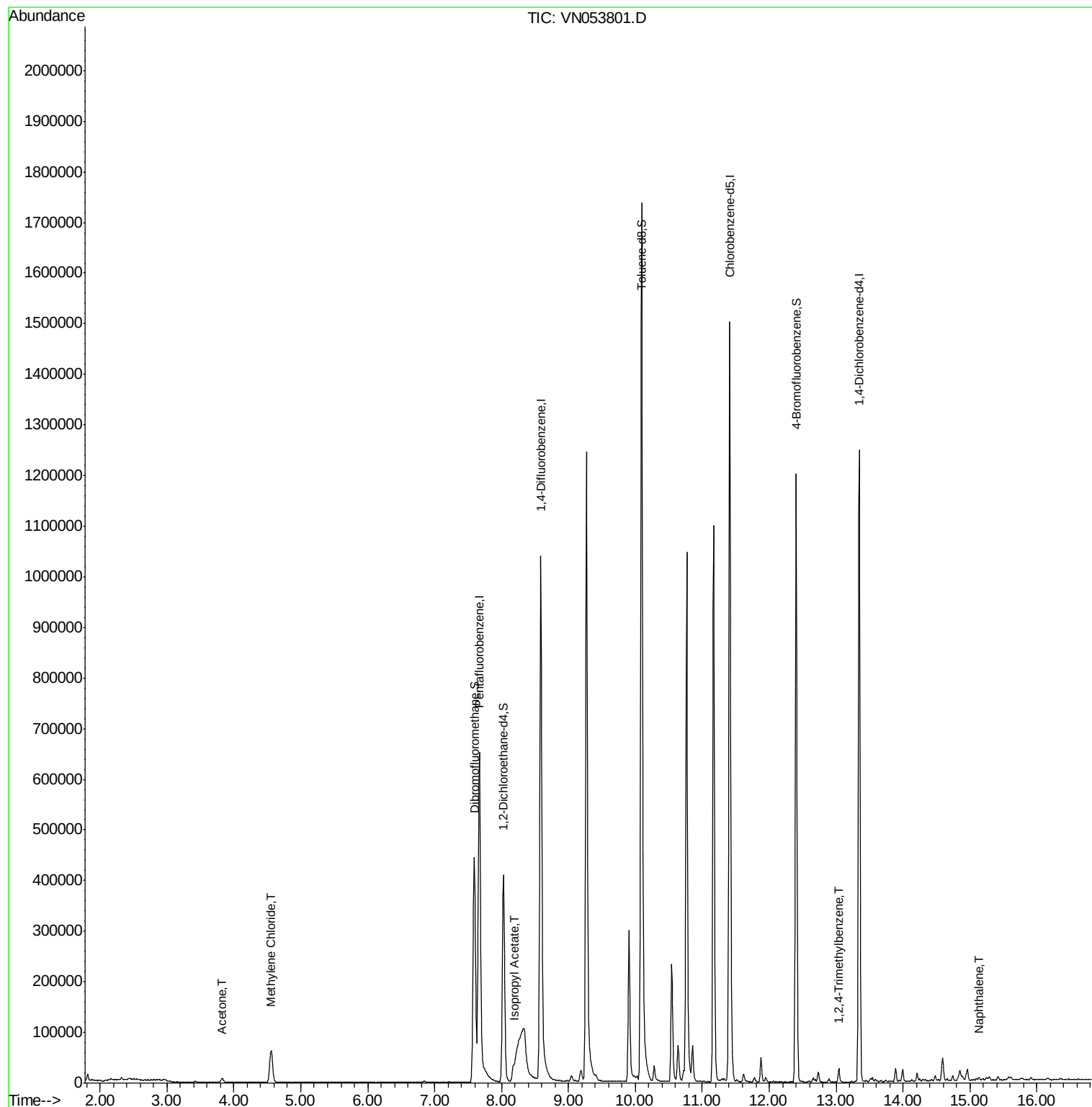
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	667984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	999429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	373977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356045	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	7.59	113	347877	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.09	98	1414495	54.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.40	95	421136	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
16) Acetone	3.82	43	14027	8.161	ug/l	94
20) Methylene Chloride	4.56	84	51001	7.072	ug/l	98
43) Isopropyl Acetate	8.18	43	32732	3.060	ug/l #	81
84) 1,2,4-Trimethylbenzene	13.04	105	16457	0.741	ug/l	99
95) Naphthalene	15.13	128	5328	2.049	ug/l	97

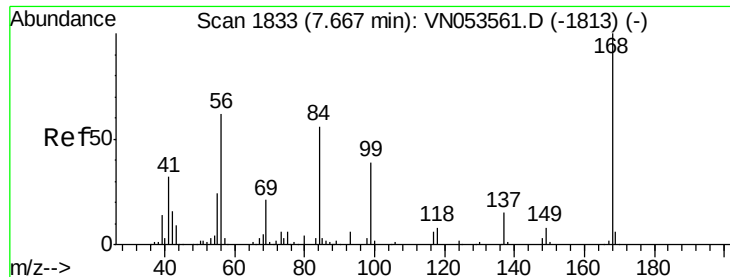
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

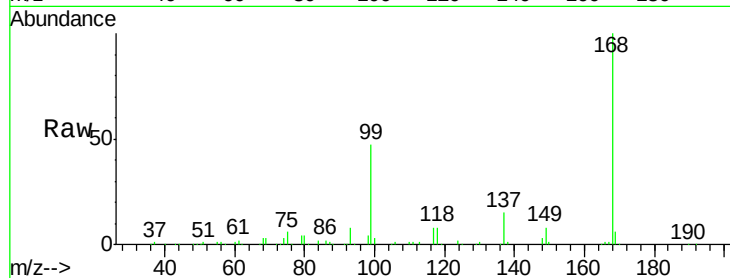
CH-021419

Tot Ion:168 Resp: 667984

Ion Ratio Lower Upper

168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

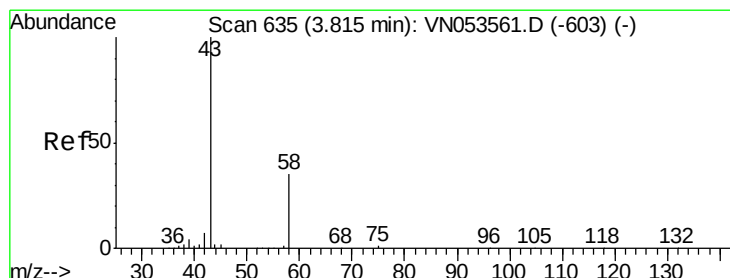
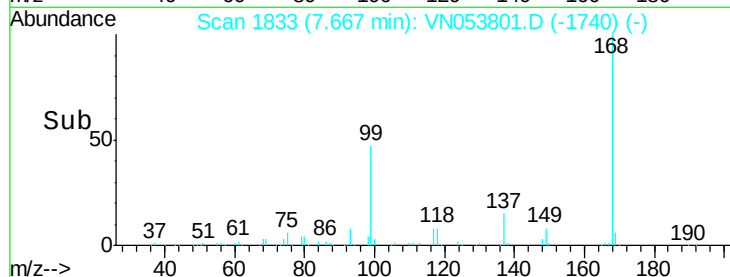
100000

50000

0

Time-->

7.60 7.80



#16

Acetone

Concen: 8.161 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053801.D

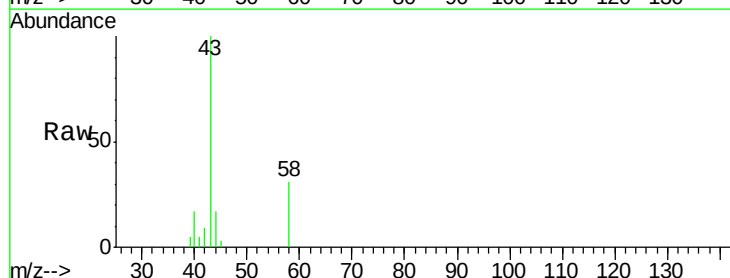
Acq: 15 Feb 2019 15:45

Tgt Ion: 43 Resp: 14027

Ion Ratio Lower Upper

43 100

58 30.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

3000

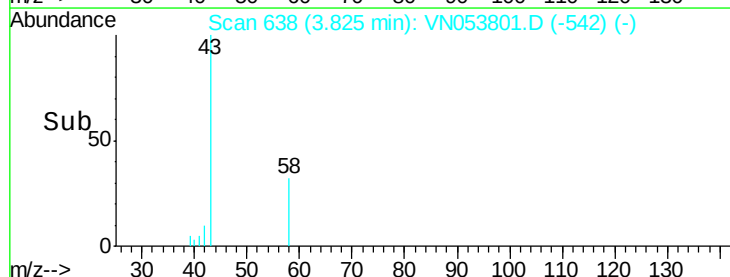
2000

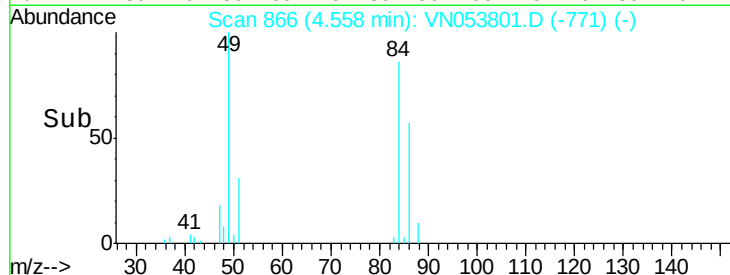
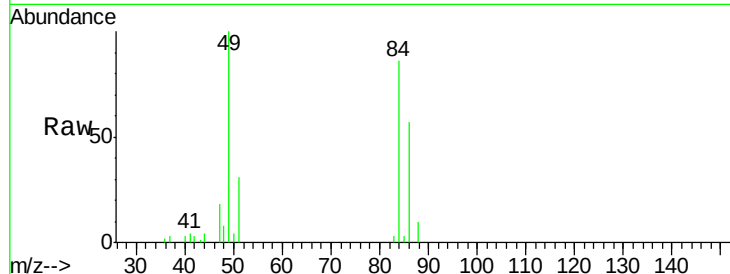
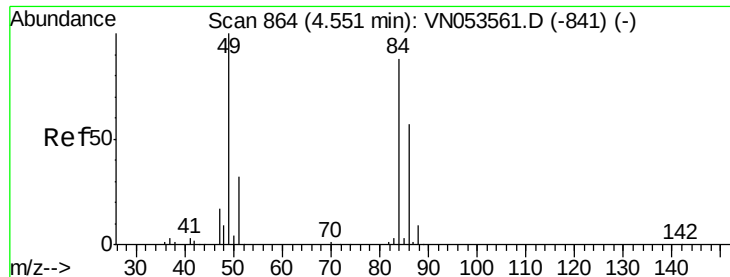
1000

0

Time-->

3.75 3.80 3.85 3.90

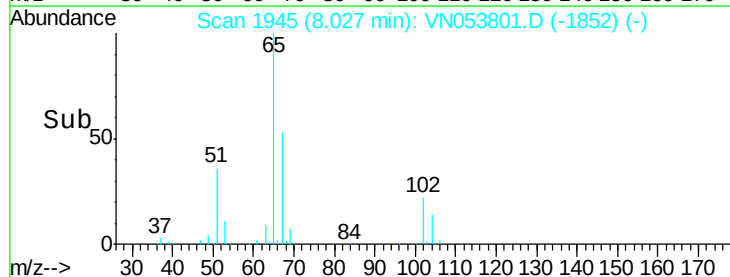
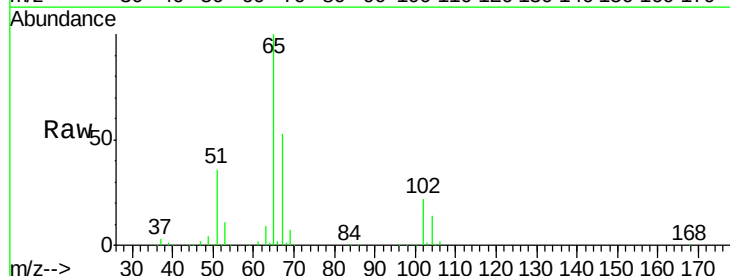
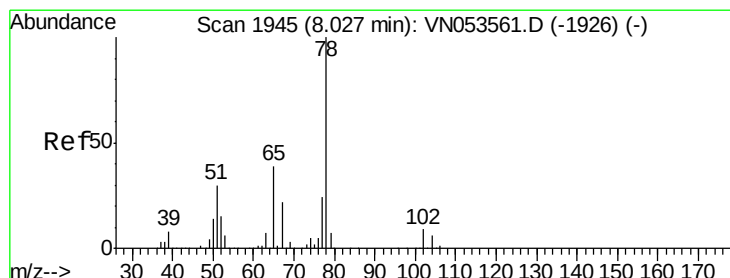
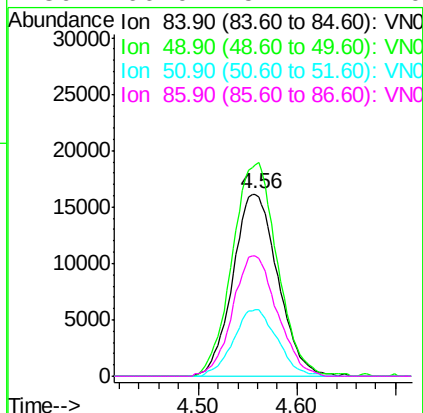




#20
Methylene Chloride
Concen: 7.072 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

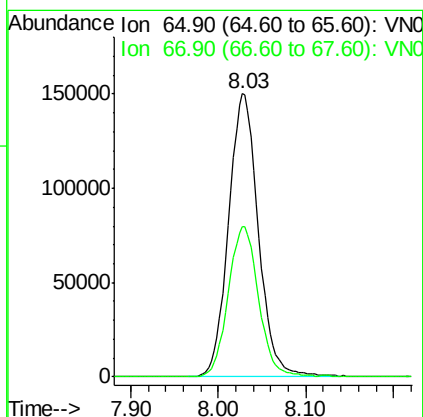
Instrument :
MSVOA_N
ClientSampled :
CH-021419

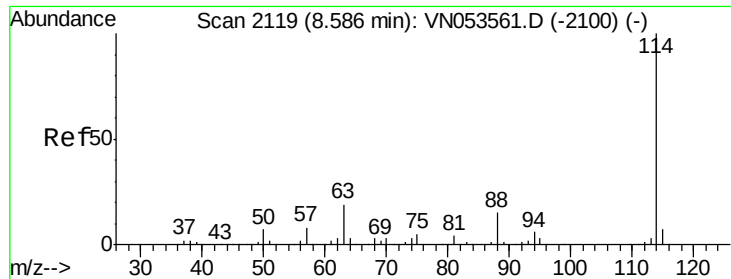
Tot Ion:	84	Resp:	51001
Ion	Ratio	Lower	Upper
84	100		
49	116.3	94.3	141.5
51	36.2	29.4	44.2
86	66.0	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.132 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion:	65	Resp:	356045
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	111.2

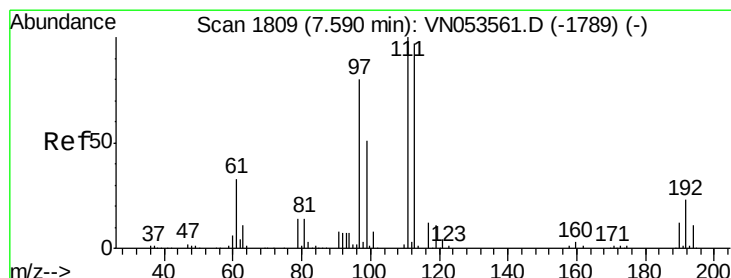
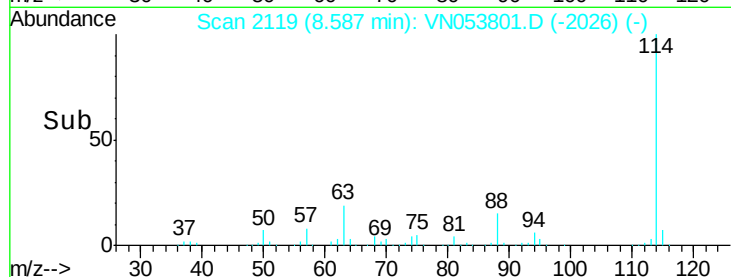
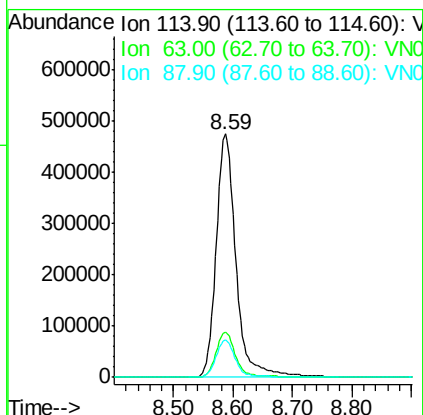
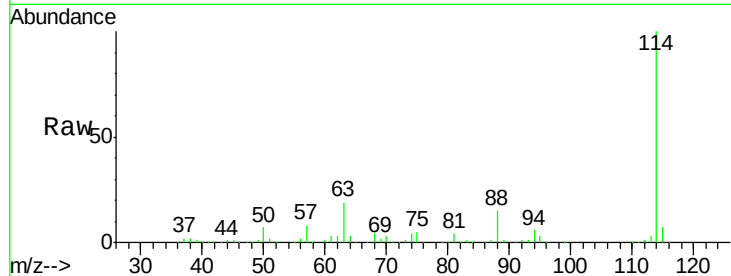




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

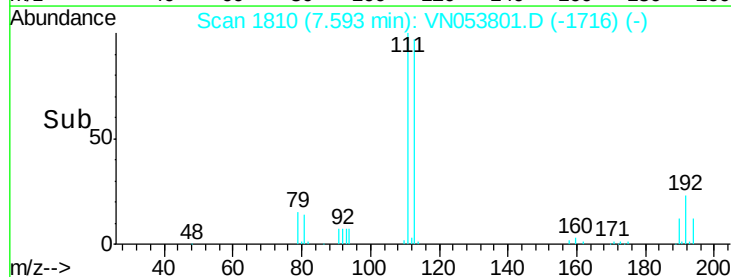
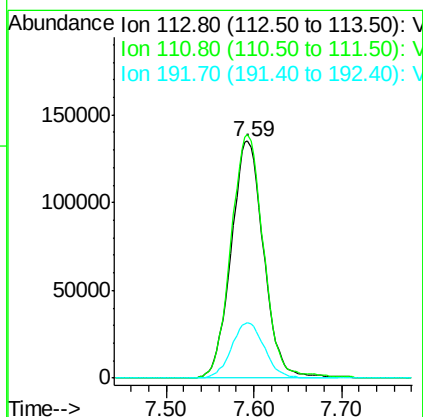
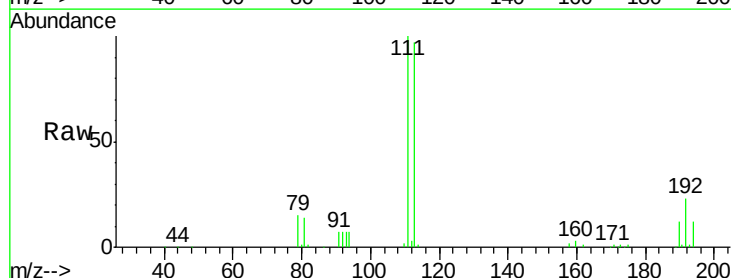
Instrument :
MSVOA_N
ClientSampleId :
CH-021419

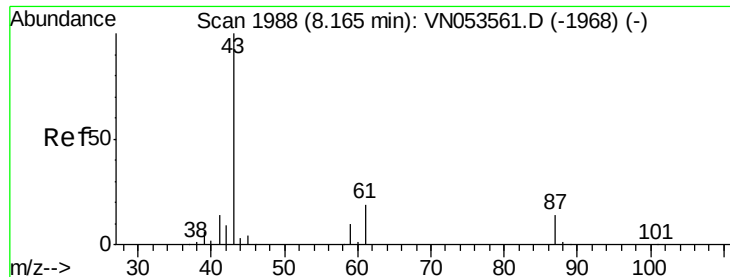
Tot Ion:114 Resp: 1100101
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.045 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053801.D
Acq: 15 Feb 2019 15:45

Tgt Ion:113 Resp: 347877
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 23.7 18.2 27.2





#43

Isopropyl Acetate

Concen: 3.060 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

CH-021419

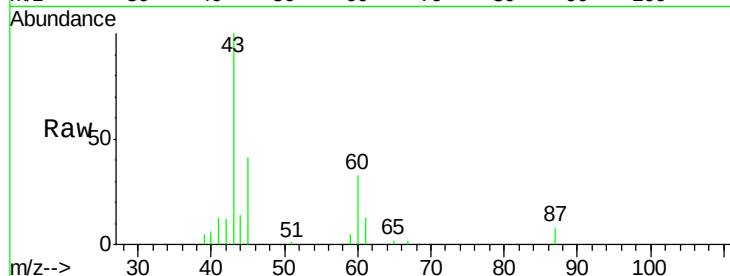
Tot Ion: 43 Resp: 32732

Ion Ratio Lower Upper

43 100

61 17.0 23.9 35.9#

87 10.0 11.0 16.6#

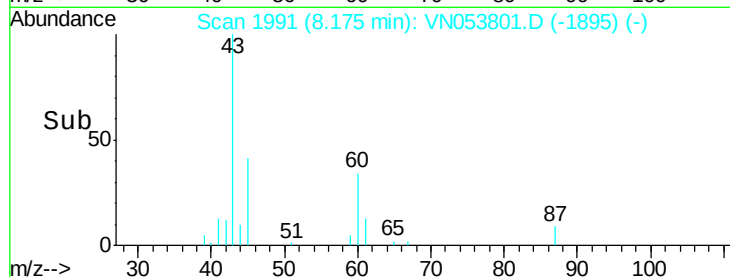


Abundance Ion 43.00 (42.70 to 43.70): VN053801.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053801.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053801.D (-1895) (-)

Time-->



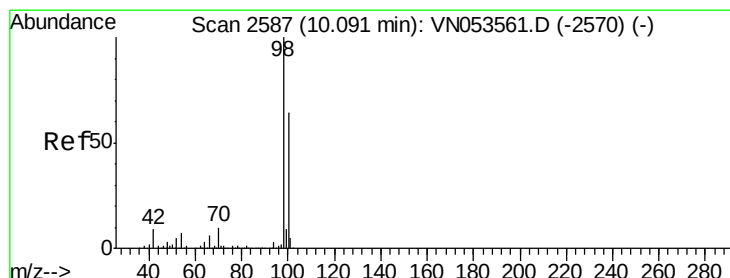
Abundance

Ion 43.00 (42.70 to 43.70): VN053801.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053801.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053801.D (-1895) (-)

Time-->



#50

Toluene-d8

Concen: 54.194 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053801.D

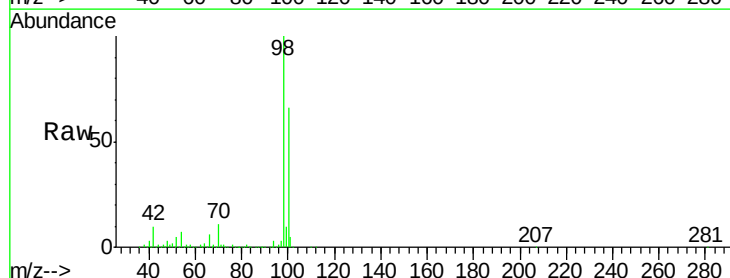
Acq: 15 Feb 2019 15:45

Tgt Ion: 98 Resp: 1414495

Ion Ratio Lower Upper

98 100

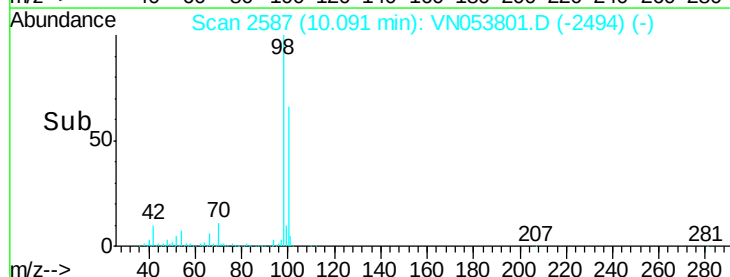
100 64.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053801.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053801.D (-2494) (-)

Time-->

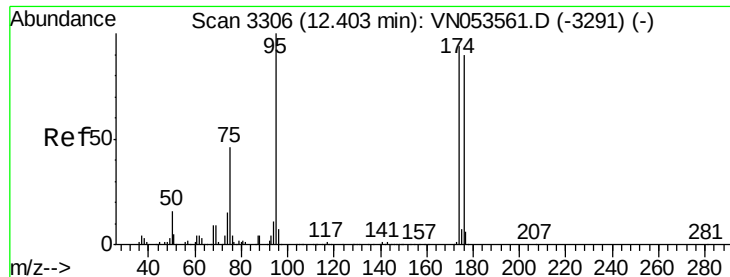


Abundance

Ion 98.00 (97.70 to 98.70): VN053801.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053801.D (-2494) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 48.379 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

CH-021419

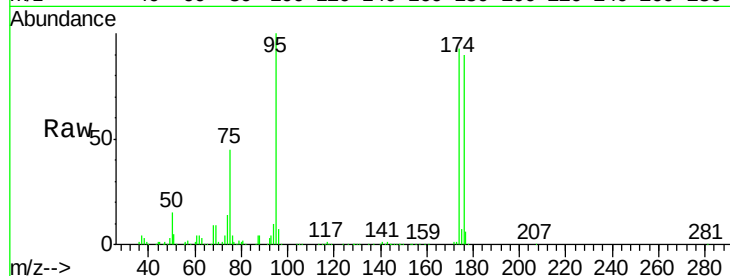
Tot Ion: 95 Resp: 421136

Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.2

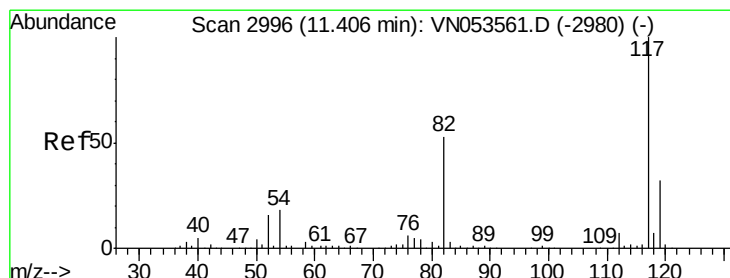
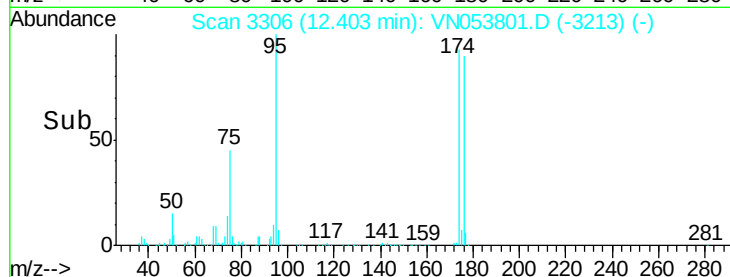
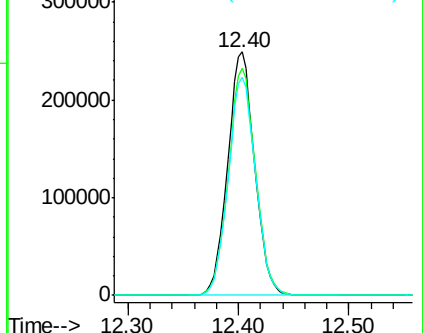
176 91.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

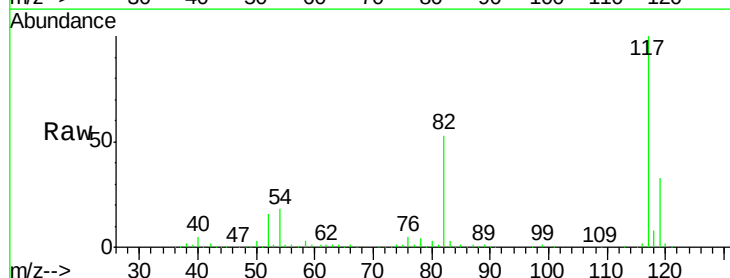
Tgt Ion: 117 Resp: 999429

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

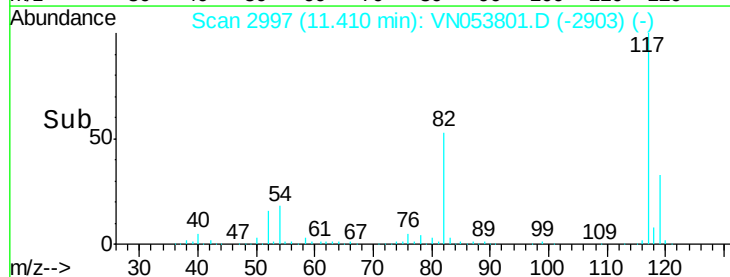
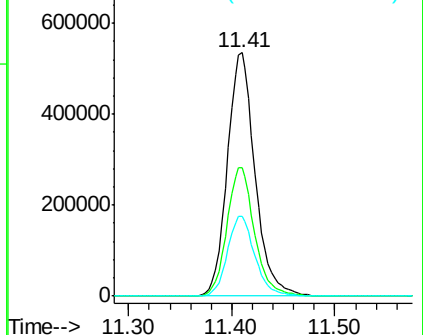
119 32.9 26.0 39.0

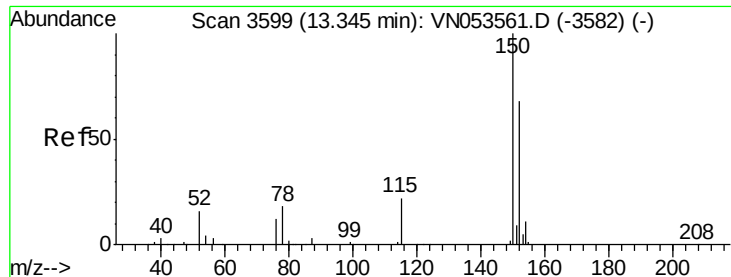


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

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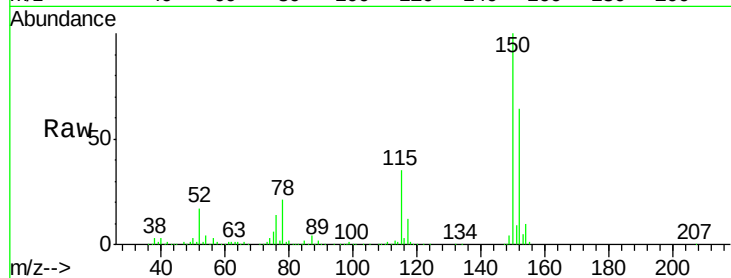
Tot Ion:152 Resp: 373977

Ion Ratio Lower Upper

152 100

115 54.8 27.8 83.4

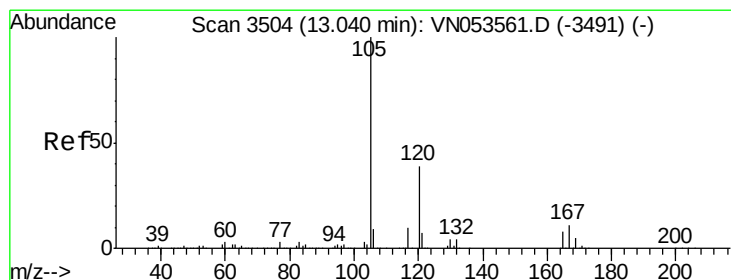
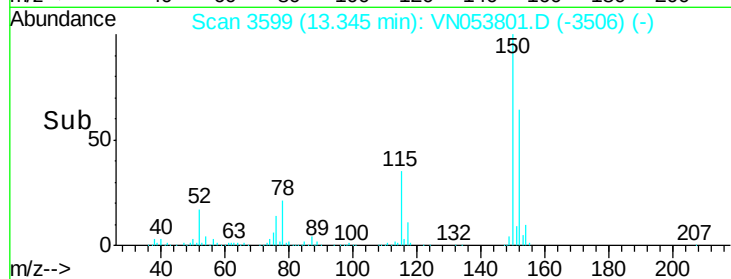
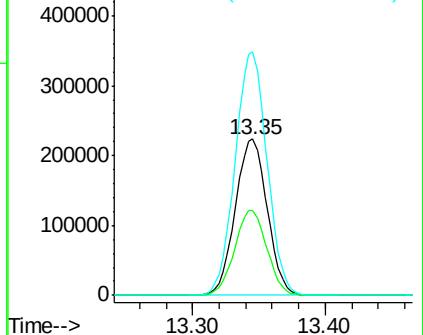
150 156.0 0.0 349.0



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



#84

1,2,4-Trimethylbenzene

Concen: 0.741 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053801.D

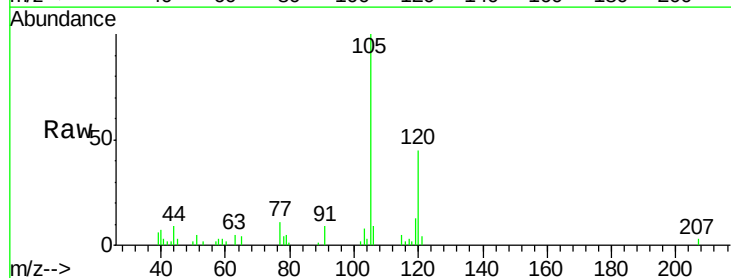
Acq: 15 Feb 2019 15:45

Tgt Ion:105 Resp: 16457

Ion Ratio Lower Upper

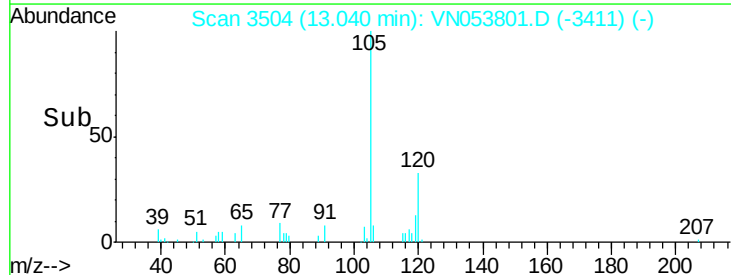
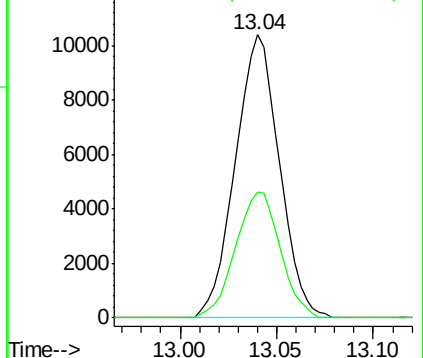
105 100

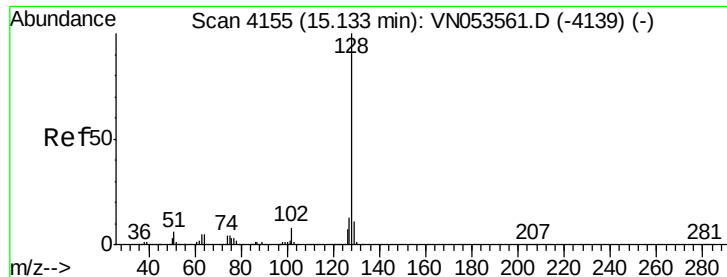
120 45.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.049 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053801.D

Acq: 15 Feb 2019 15:45

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CH-021419

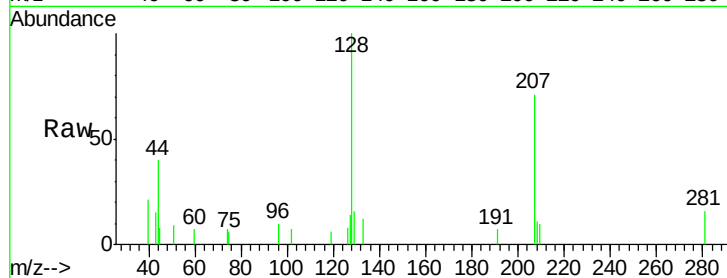
Tot Ion:128 Resp: 5328

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 12.3 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

