

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049972.D
 Acq On : 20 Jul 2018 19:23
 Operator : MD\SY
 Sample : J4016-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB4-L-12-7

Quant Time: Jul 21 02:27:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	918309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	318798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	403920	54.78	ug/l	0.00
Spiked Amount			Recovery	=	109.56%	
35) Dibromofluoromethane	7.59	113	355246	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	
50) Toluene-d8	10.09	98	1226250	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	341149	35.27	ug/l	0.00
Spiked Amount			Recovery	=	70.54%	

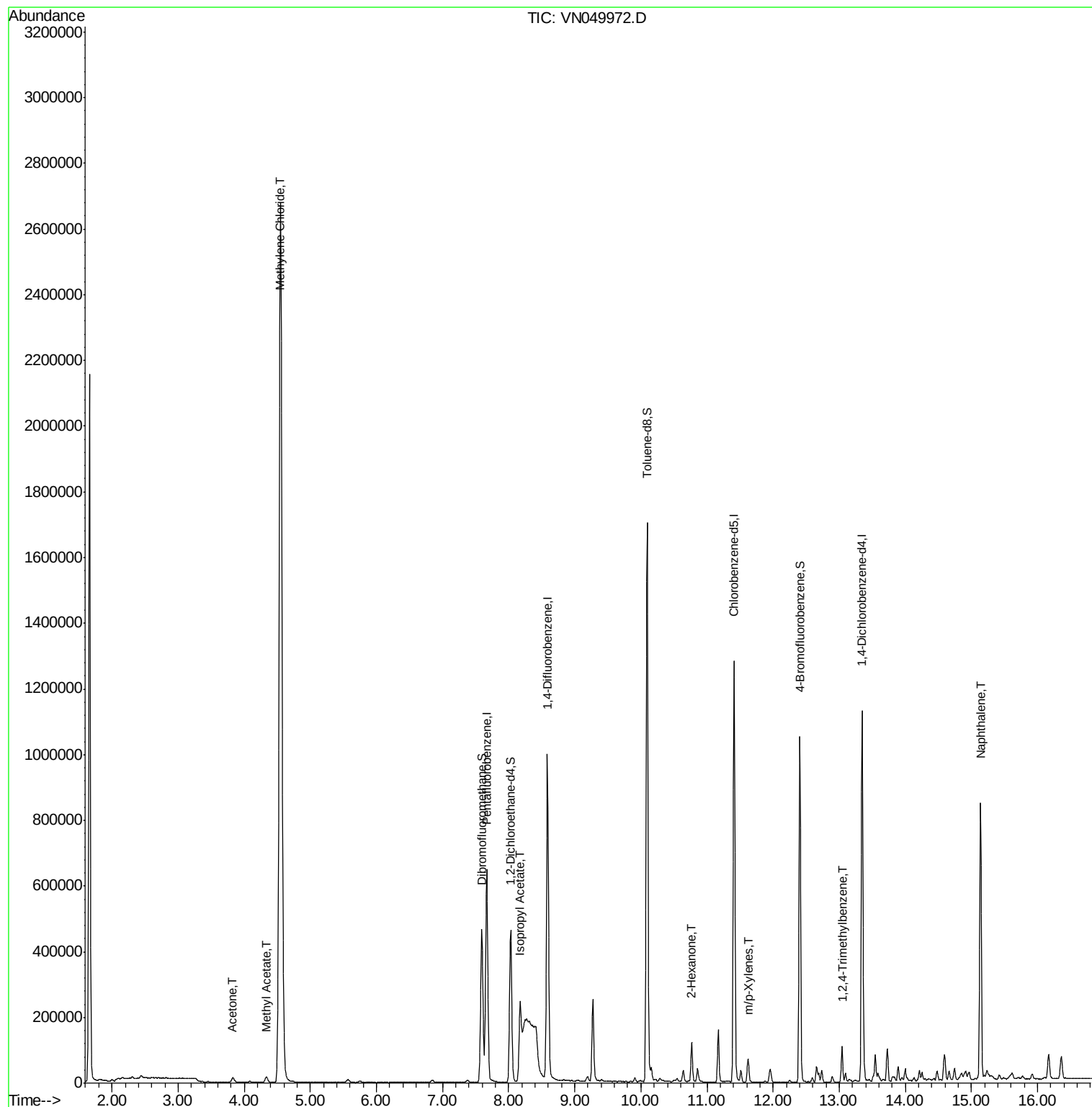
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	25642	13.43	ug/l	98
18) Methyl Acetate	4.34	43	30907	4.40	ug/l	97
20) Methylene Chloride	4.55	84	2061375	283.92	ug/l	99
43) Isopropyl Acetate	8.17	43	304368	24.85	ug/l #	90
59) 2-Hexanone	10.77	43	16403	3.57	ug/l #	57
68) m/p-Xylenes	11.62	106	21731	1.81	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	56687	2.88	ug/l	99
95) Naphthalene	15.14	128	734085	48.74	ug/l	100

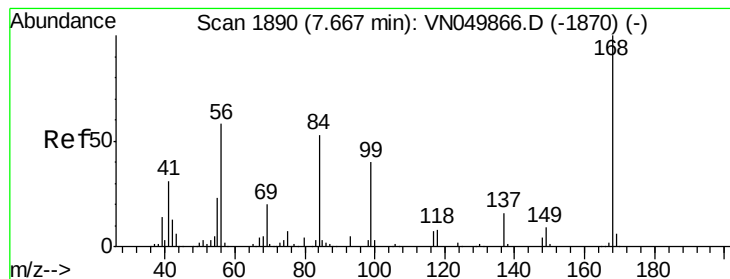
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

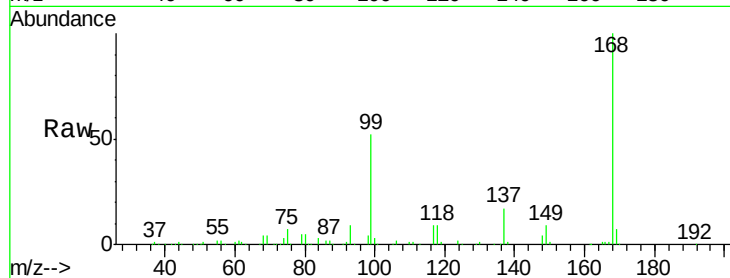
SB4-L-12-7

Tot Ion:168 Resp: 536493

Ion Ratio Lower Upper

168 100

99 52.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

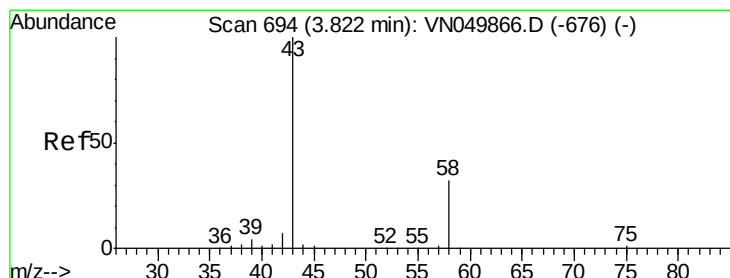
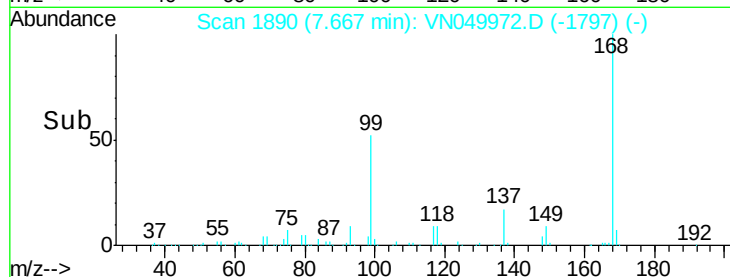
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.43 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049972.D

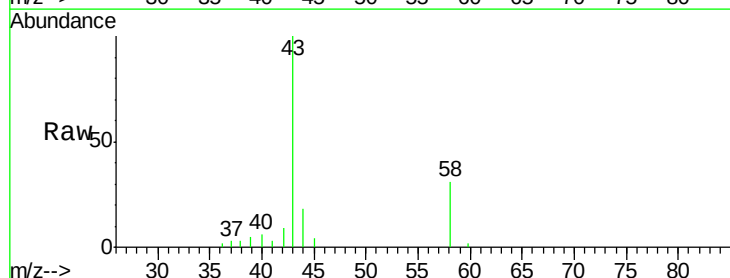
Acq: 20 Jul 2018 19:23

Tgt Ion: 43 Resp: 25642

Ion Ratio Lower Upper

43 100

58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

10000

8000

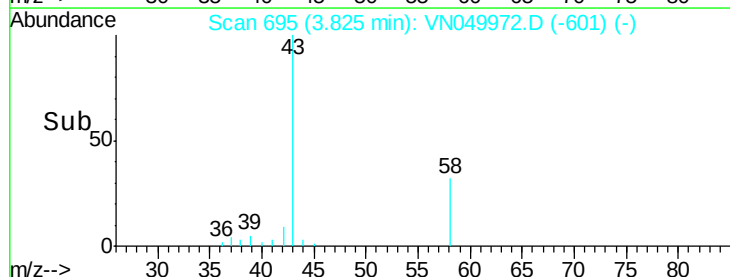
6000

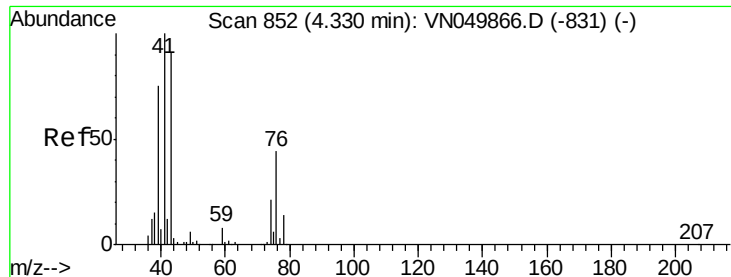
4000

2000

0

Time-->

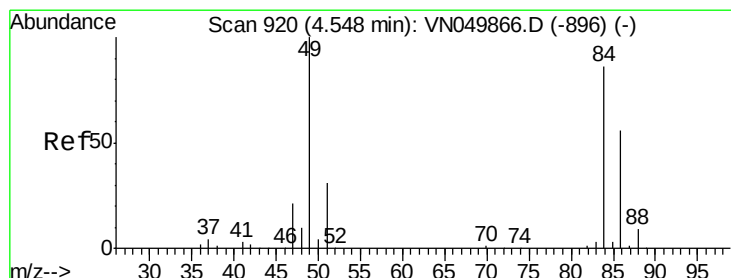
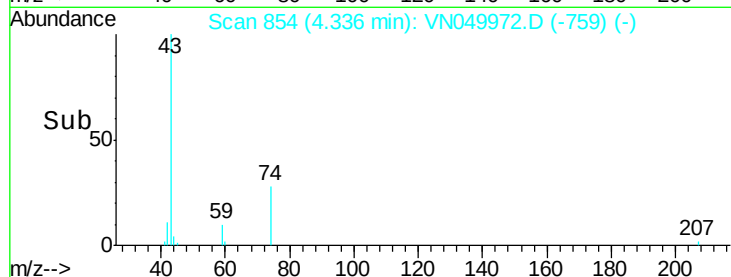
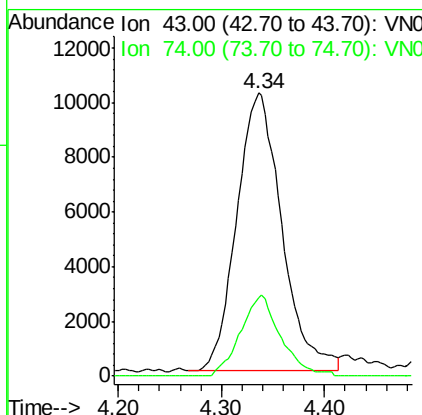
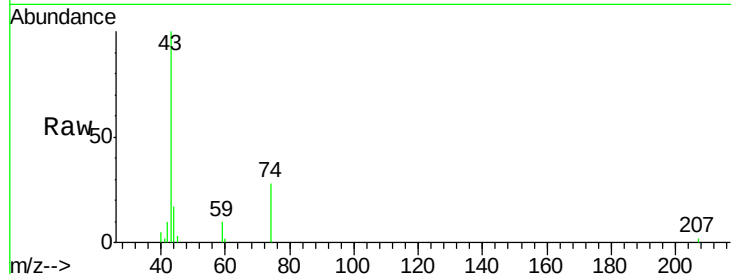




#18
Methvl Acetate
Concen: 4.40 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

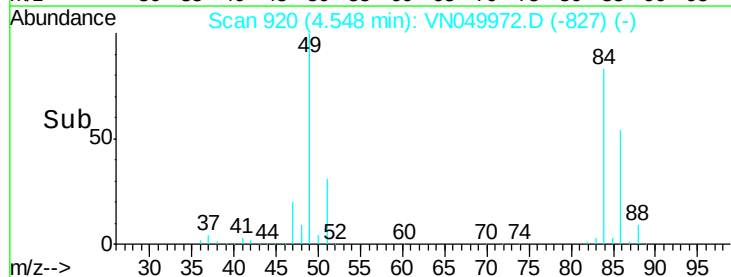
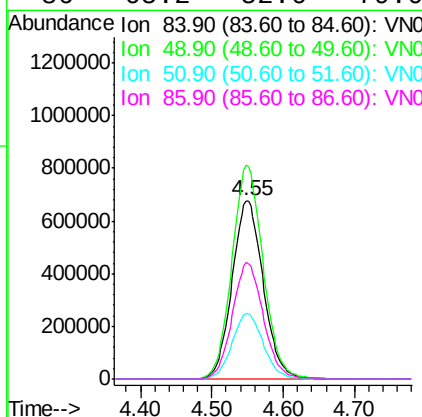
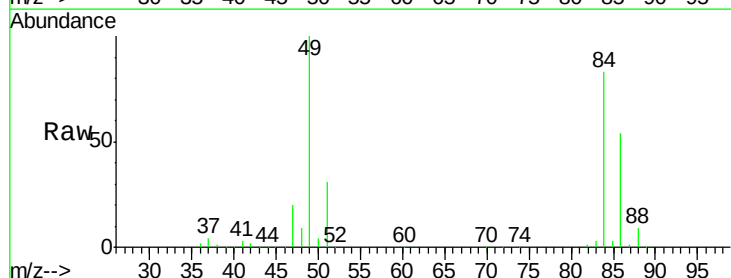
Instrument :
MSVOA_N
ClientSampleId :
SB4-L-12-7

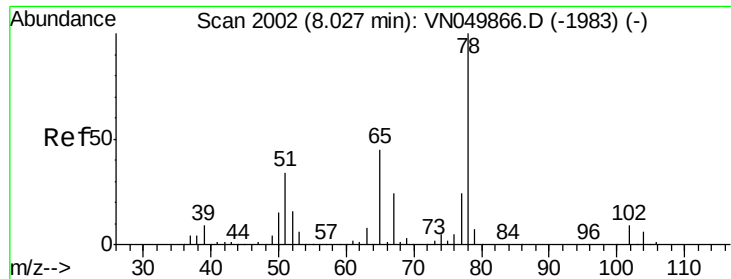
Tot Ion: 43 Resp: 30907
Ion Ratio Lower Upper
43 100
74 26.1 19.8 29.8



#20
Methylene Chloride
Concen: 283.92 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

Tgt Ion: 84 Resp: 2061375
Ion Ratio Lower Upper
84 100
49 120.0 95.4 143.2
51 36.8 28.4 42.6
86 65.2 52.6 79.0

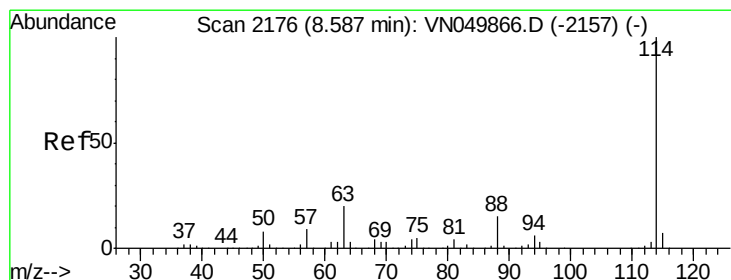
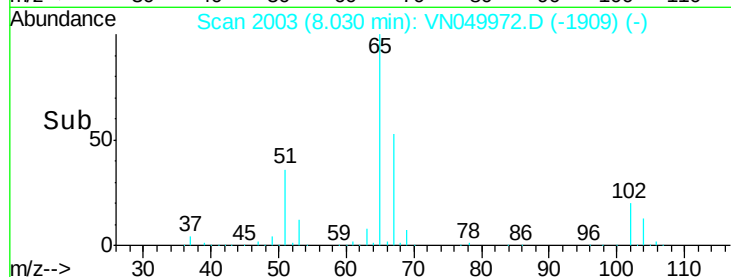
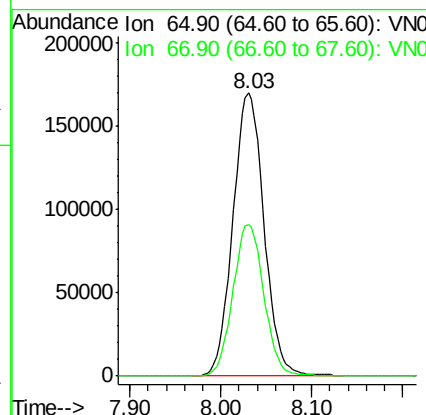
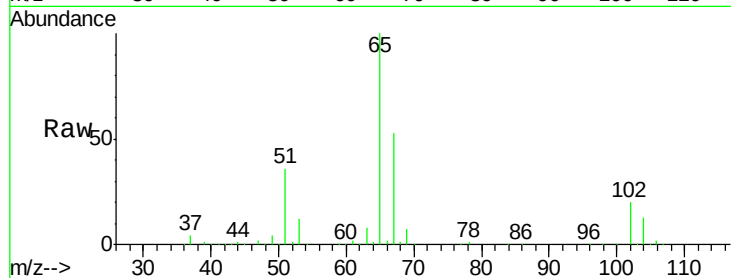




#33
 1,2-Dichloroethane-d4
 Concen: 54.78 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049972.D
 Acq: 20 Jul 2018 19:23

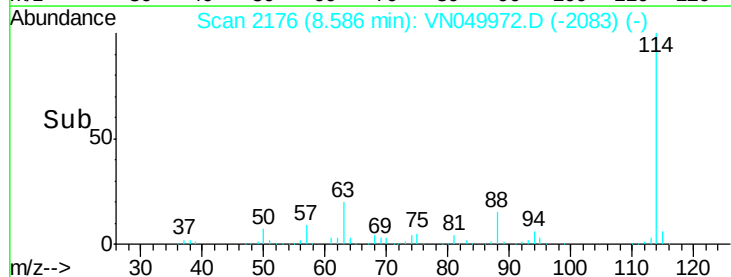
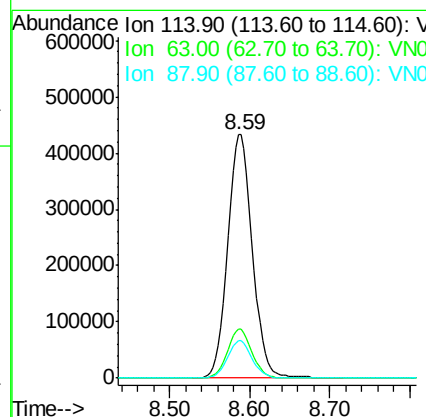
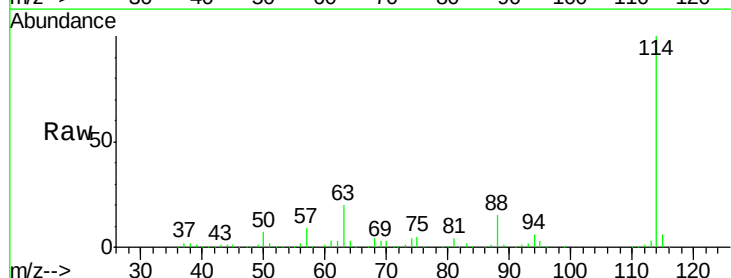
Instrument :
 MSVOA_N
 ClientSampleId :
 SB4-L-12-7

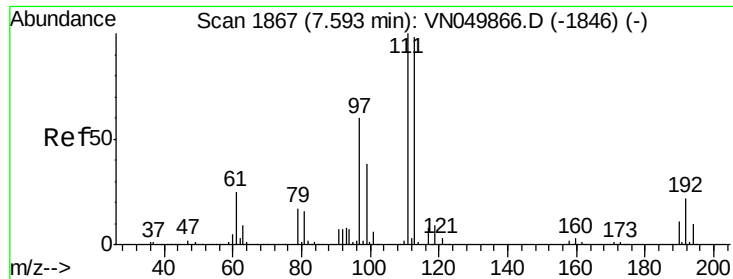
Tot Ion: 65 Resp: 403920
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049972.D
 Acq: 20 Jul 2018 19:23

Tgt Ion: 114 Resp: 918309
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.3 0.0 30.6

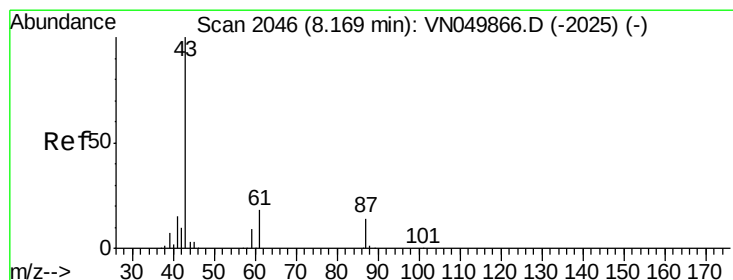
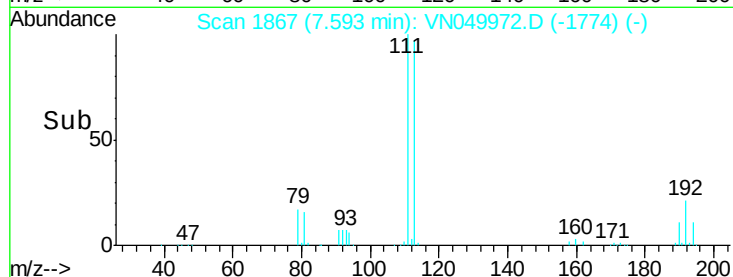
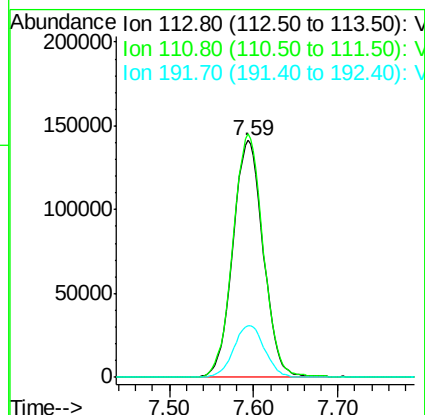
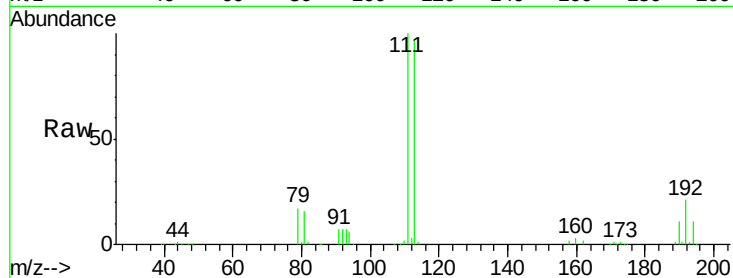




#35
Dibromofluoromethane
Concen: 46.08 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

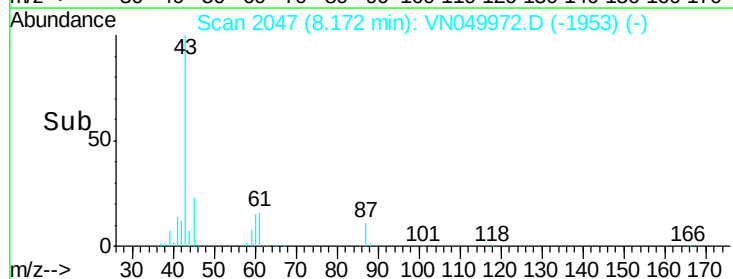
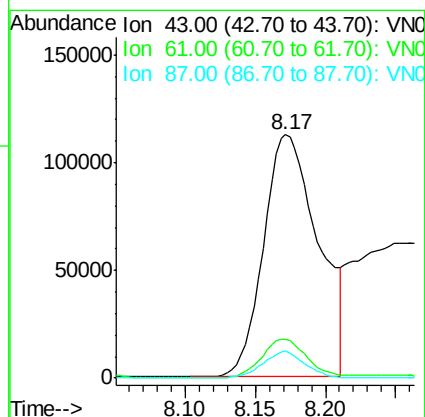
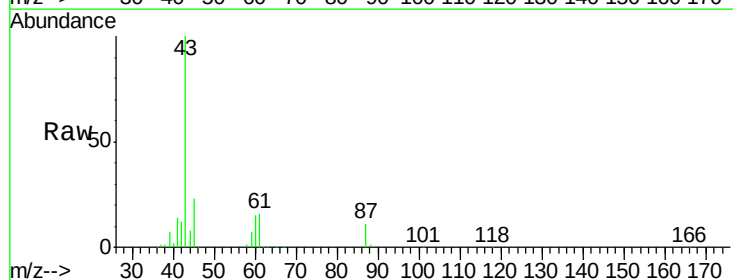
Instrument :
MSVOA_N
ClientSampleId :
SB4-L-12-7

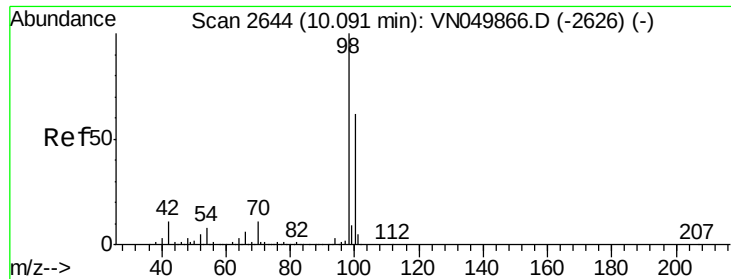
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	22.2	17.8	26.6



#43
Isopropyl Acetate
Concen: 24.85 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	14.9	22.3#
87	8.6	10.0	15.0#

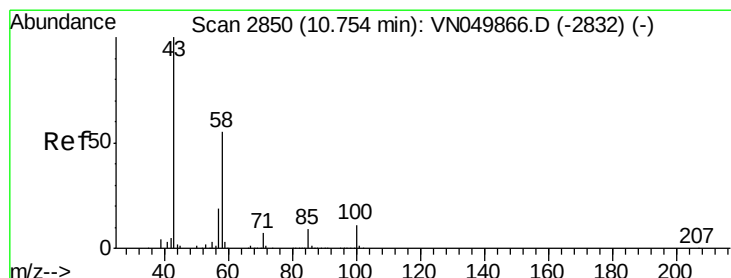
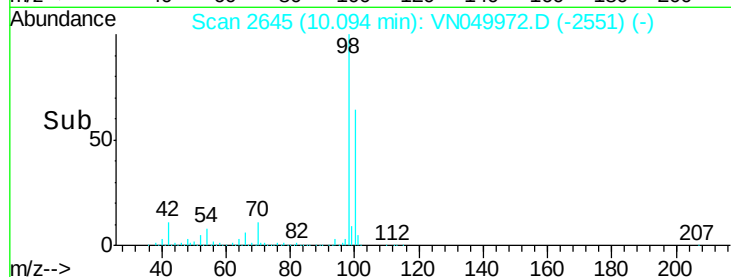
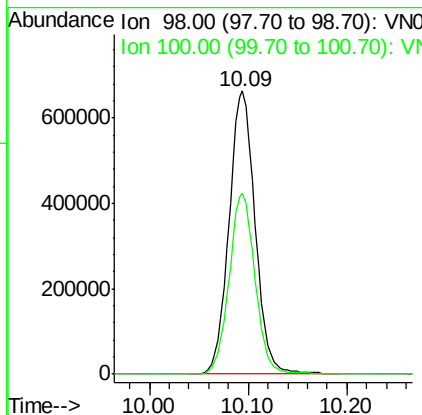
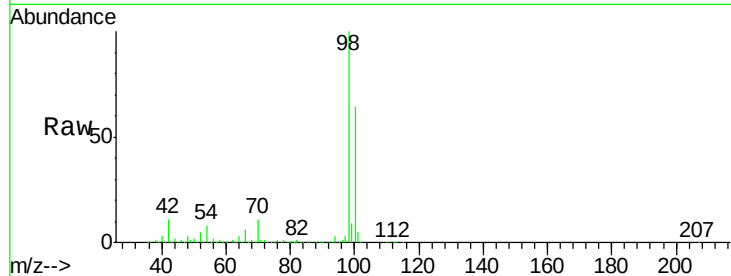




#50
Toluene-d8
Concen: 43.66 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

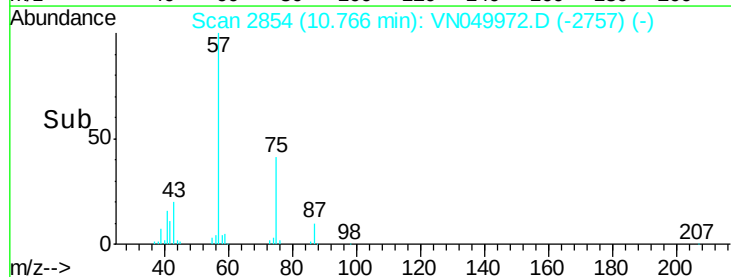
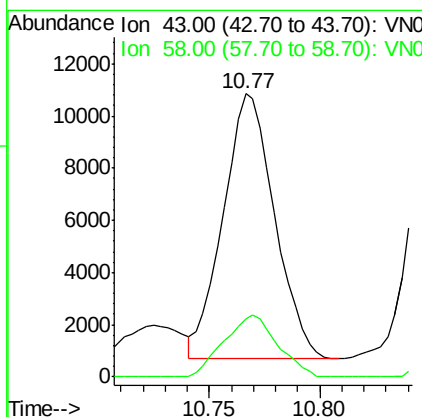
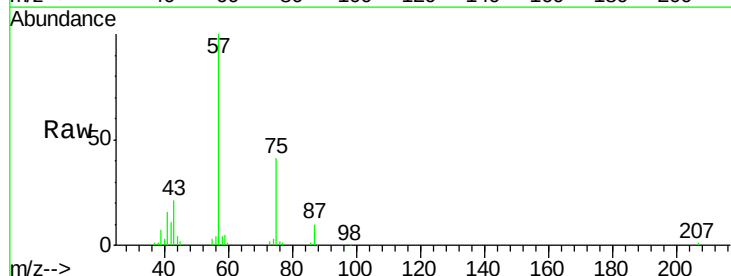
Instrument :
MSVOA_N
ClientSampleId :
SB4-L-12-7

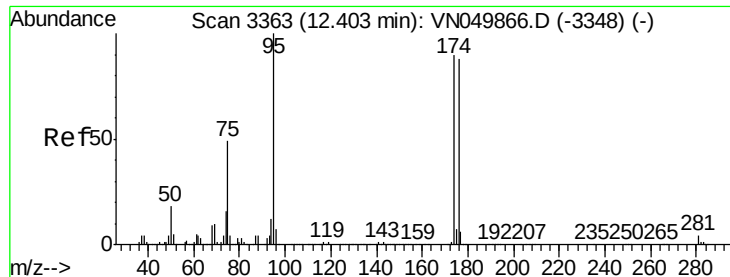
Tot Ion: 98 Resp: 1226250
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#59
2-Hexanone
Concen: 3.57 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049972.D
Acq: 20 Jul 2018 19:23

Tgt Ion: 43 Resp: 16403
Ion Ratio Lower Upper
43 100
58 24.4 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 35.27 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampled :

SB4-L-12-7

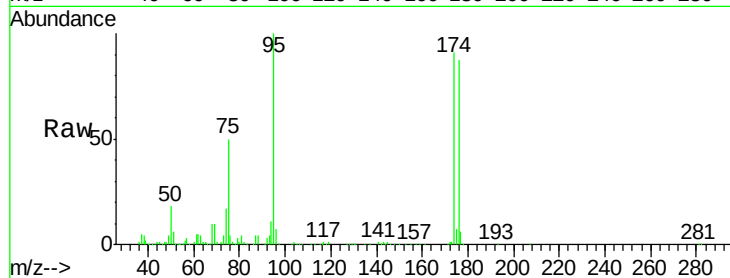
Tot Ion: 95 Resp: 341149

Ion Ratio Lower Upper

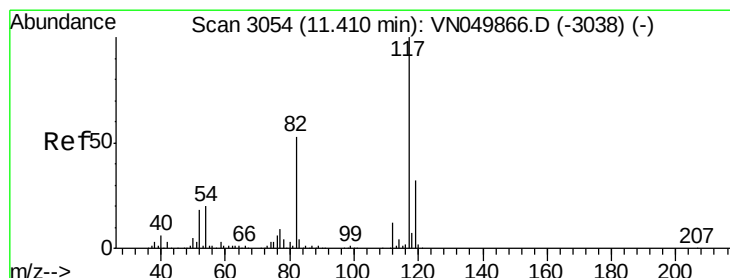
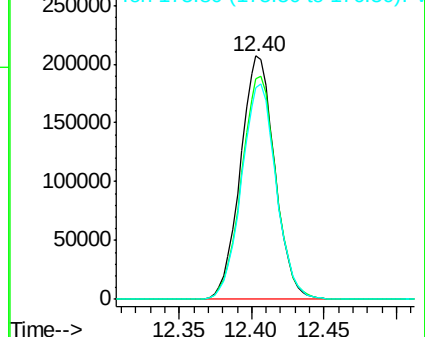
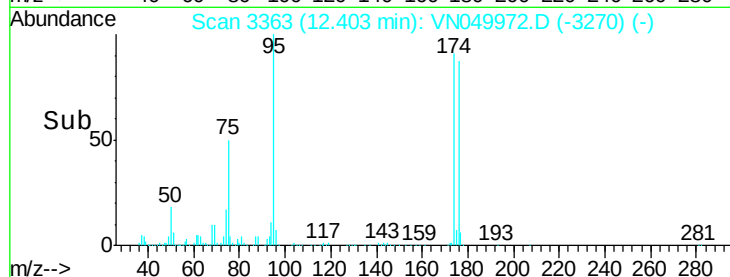
95 100

174 92.2 0.0 179.6

176 88.9 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049972.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

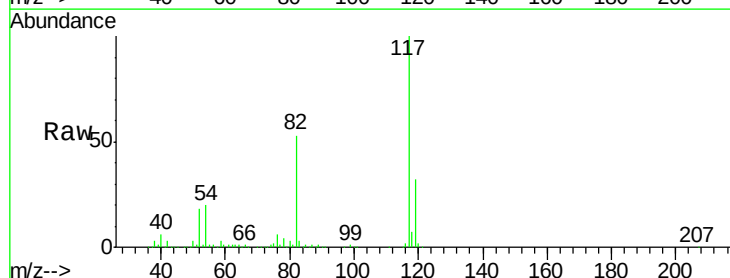
Tgt Ion: 117 Resp: 777753

Ion Ratio Lower Upper

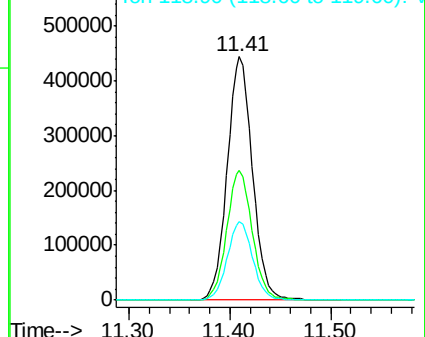
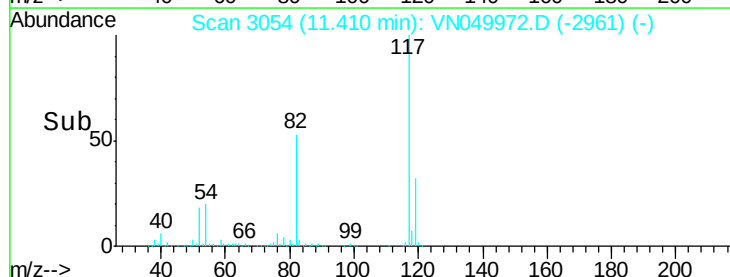
117 100

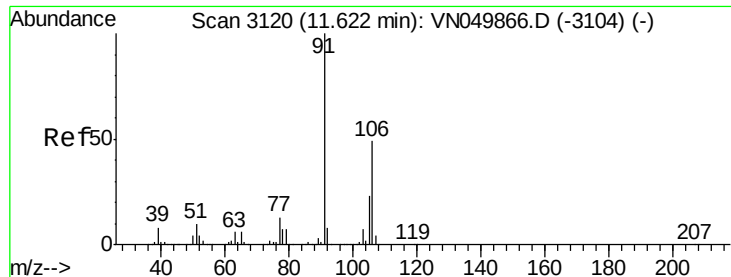
82 53.4 41.9 62.9

119 32.2 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049972.D (-2961) (-)





#68

m/p-Xvlenes

Concen: 1.81 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampled :

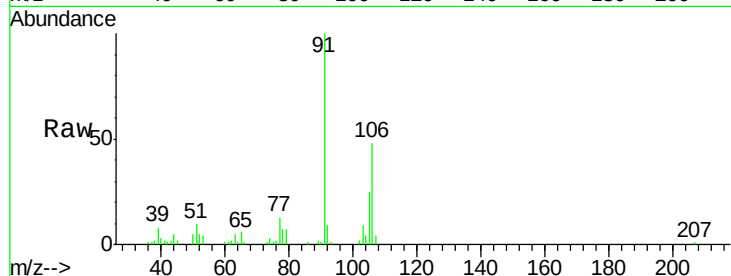
SB4-L-12-7

Tot Ion:106 Resp: 21731

Ion Ratio Lower Upper

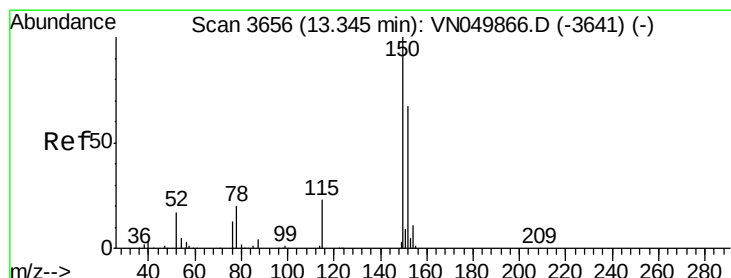
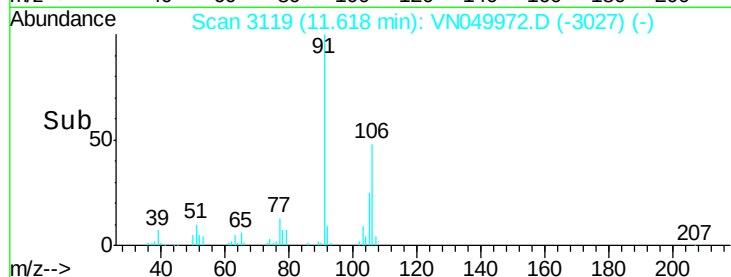
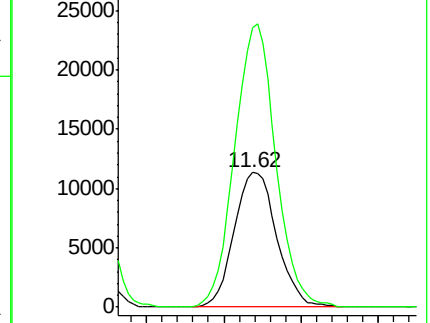
106 100

91 202.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

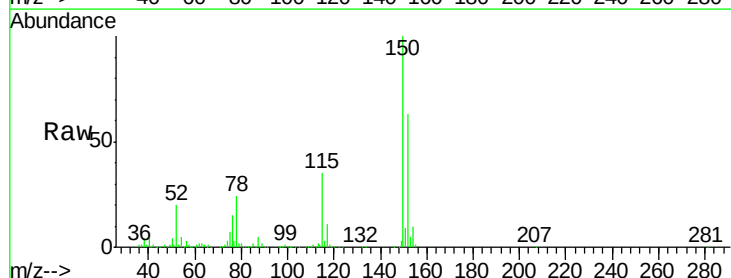
Tgt Ion:152 Resp: 318798

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

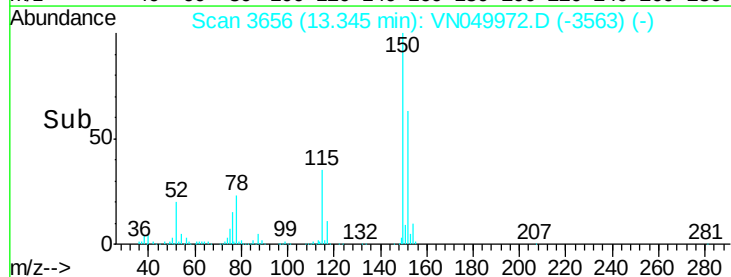
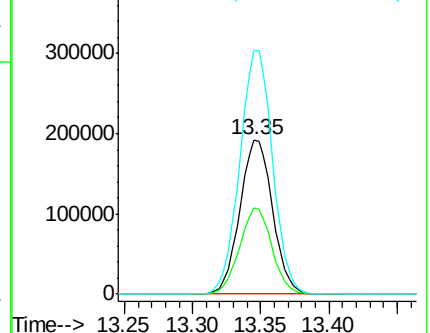
150 158.8 0.0 347.6

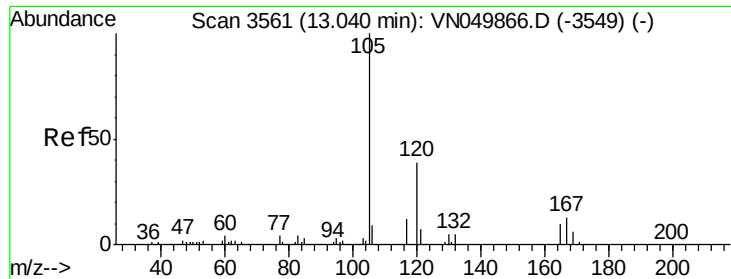


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84

1,2,4-Trimethylbenzene

Concen: 2.88 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

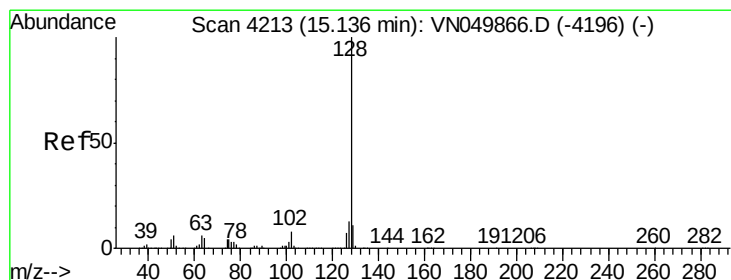
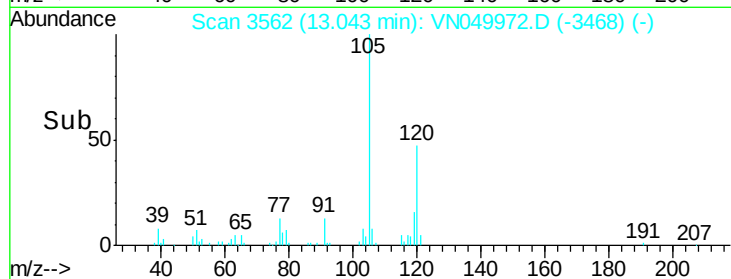
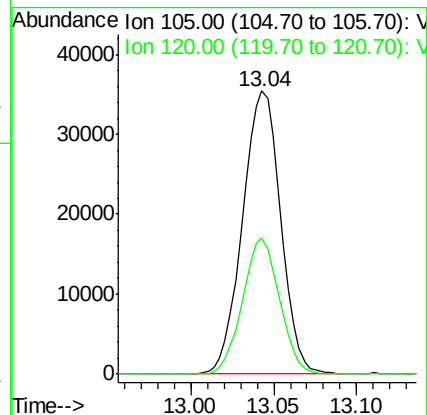
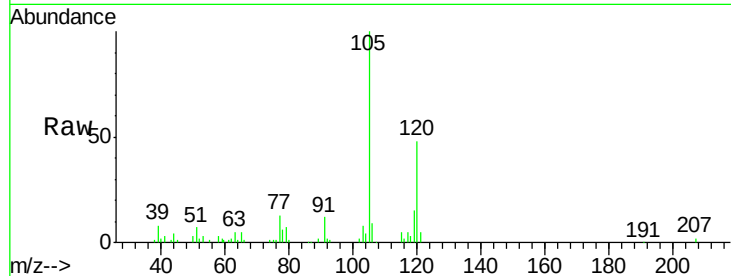
SB4-L-12-7

Tot Ion:105 Resp: 56687

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.1



#95

Naphthalene

Concen: 48.74 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049972.D

Acq: 20 Jul 2018 19:23

Tgt Ion:128 Resp: 734085

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.6 13.0

