

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049415.D
 Acq On : 20 Jun 2018 4:55
 Operator : MD\SY
 Sample : J3575-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-D

Quant Time: Jun 20 07:38:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1211727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1927097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1586886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456542	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	798237	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	7.59	113	714710	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	
50) Toluene-d8	10.09	98	2642545	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.40	95	656595	33.45	ug/l	0.00
Spiked Amount			Recovery	=	66.90%	

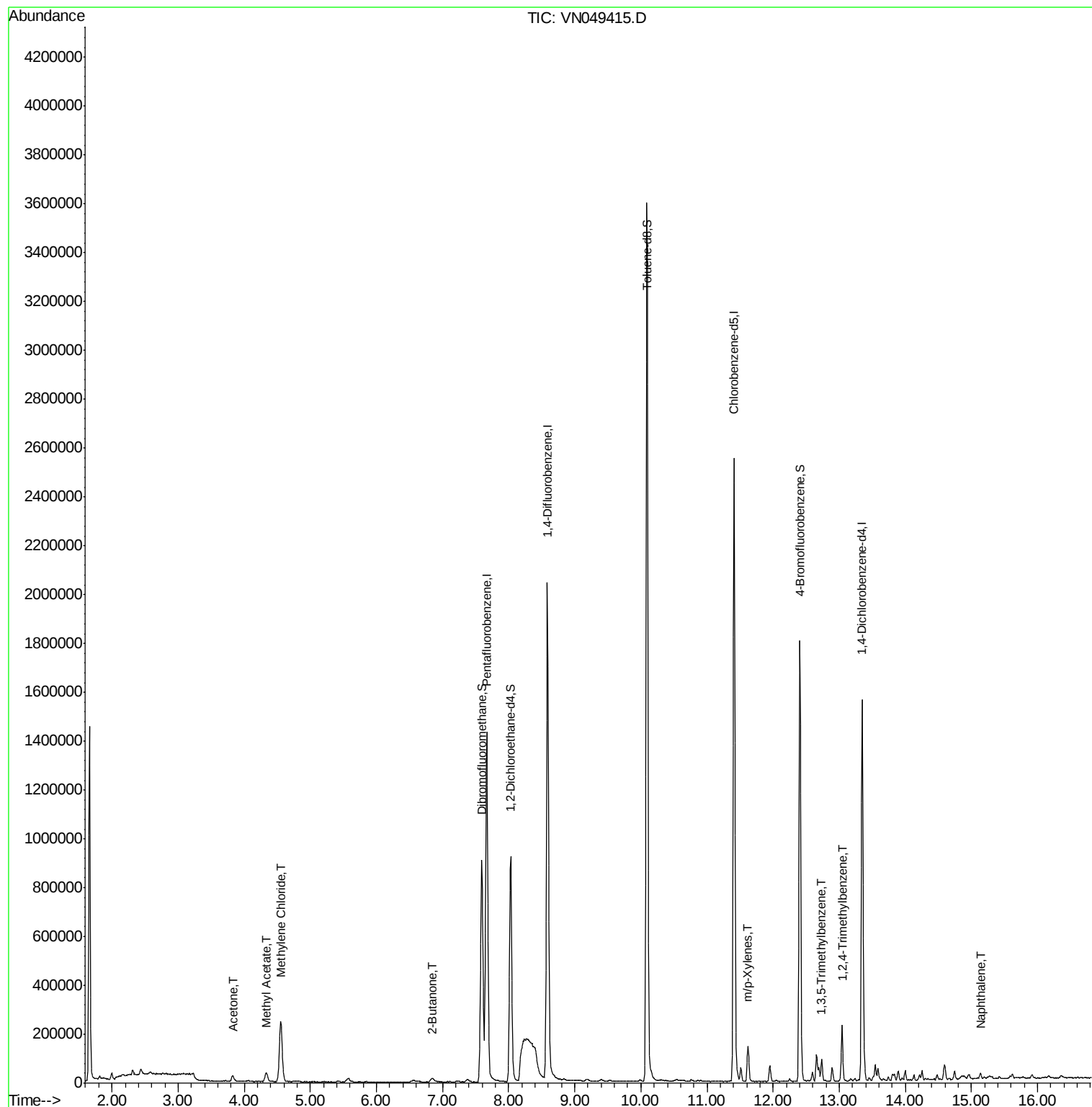
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	36774	9.424	ug/l	91
18) Methyl Acetate	4.33	43	70897	5.959	ug/l	96
20) Methylene Chloride	4.55	84	189778	11.644	ug/l	92
25) 2-Butanone	6.85	43	16466	3.143	ug/l	98
68) m/p-Xylenes	11.62	106	46515	1.828	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	45874	1.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	129400	4.134	ug/l	98
95) Naphthalene	15.14	128	18716	3.554	ug/l	98

(#) = 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# 1890

Delta R.T. 0.00 min

Lab File: VN049415.D

Acq: 20 Jun 2018 4:55

Instrument :

MSVOA_N

ClientSampleId :

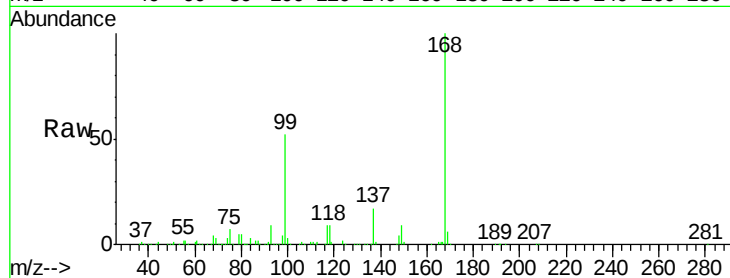
TP-11-D

Tot Ion:168 Resp: 1211727

Ion Ratio Lower Upper

168 100

99 52.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

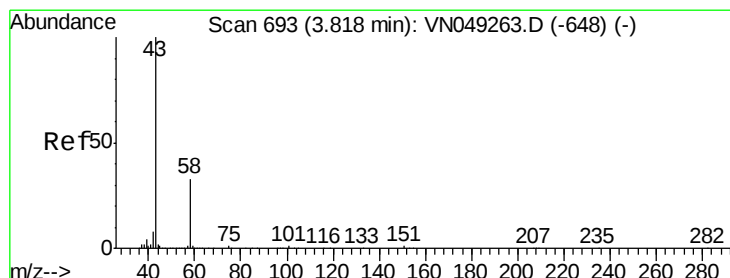
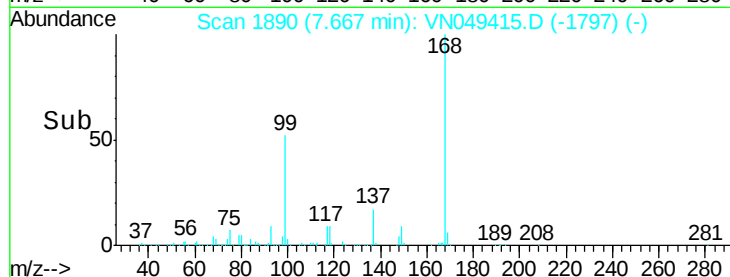
100000

0

7.67

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 9.424 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049415.D

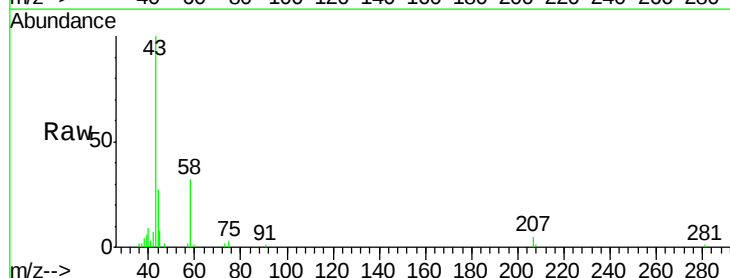
Acq: 20 Jun 2018 4:55

Tgt Ion: 43 Resp: 36774

Ion Ratio Lower Upper

43 100

58 32.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

10000

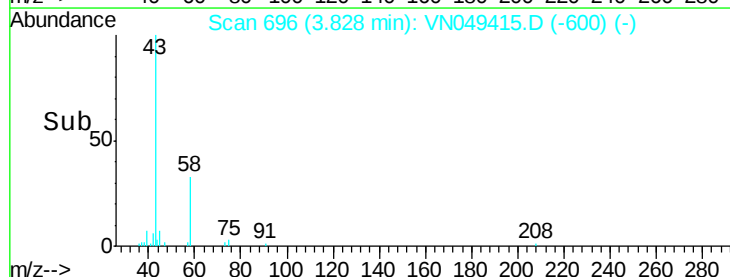
5000

0

3.83

3.75 3.80 3.85 3.90

Time-->

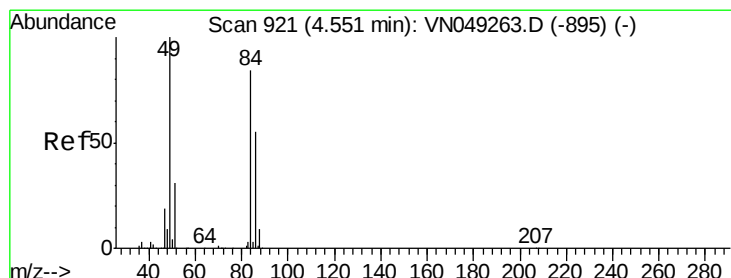
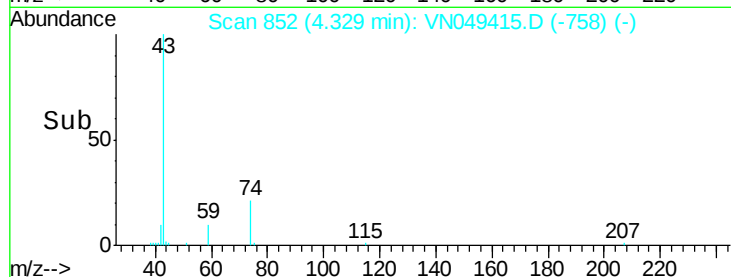
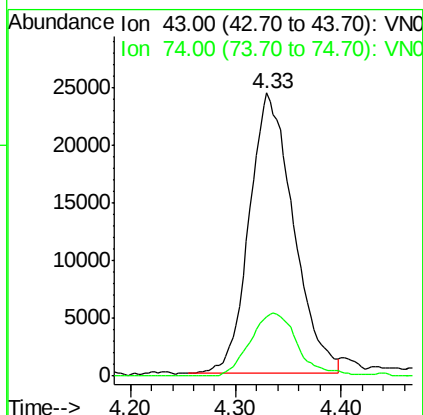
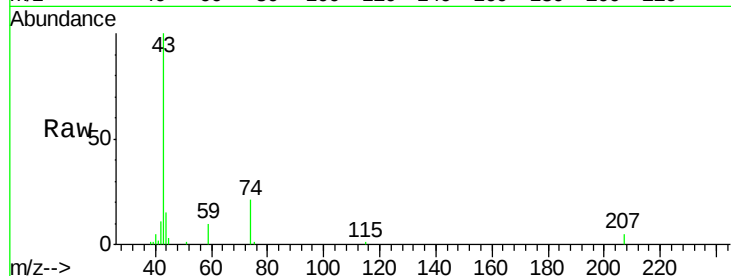




#18
Methvl Acetate
Concen: 5.959 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

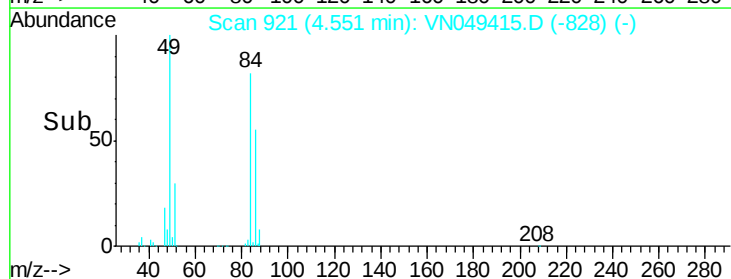
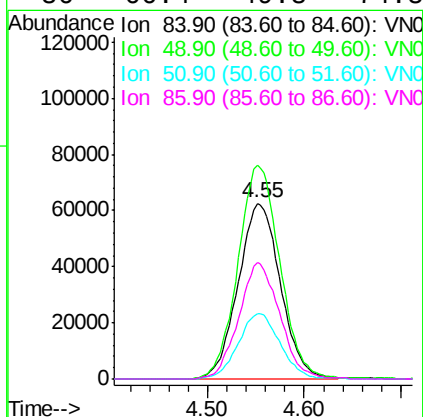
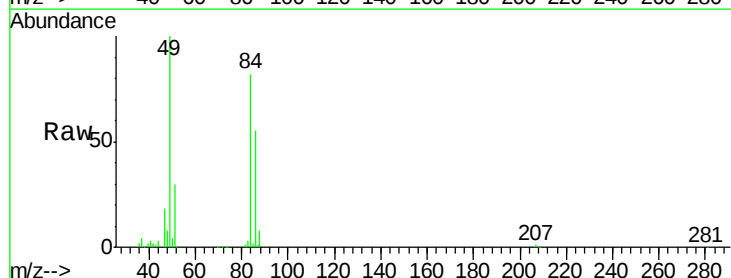
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

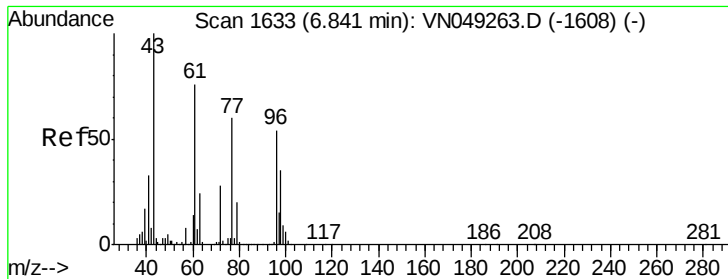
Tot Ion: 43 Resp: 70897
Ion Ratio Lower Upper
43 100
74 23.5 17.4 26.0



#20
Methylene Chloride
Concen: 11.644 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Tgt Ion: 84 Resp: 189778
Ion Ratio Lower Upper
84 100
49 121.7 106.9 160.3
51 36.7 32.7 49.1
86 66.4 49.8 74.8

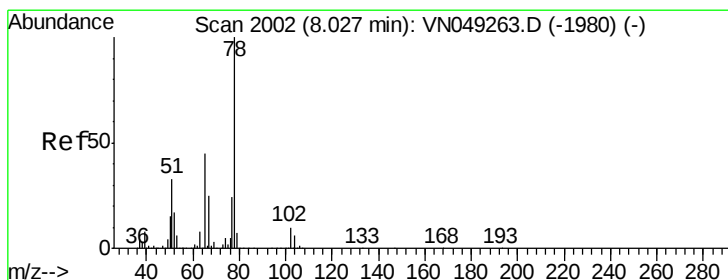
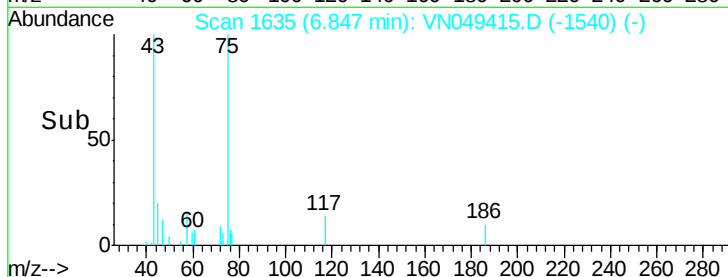
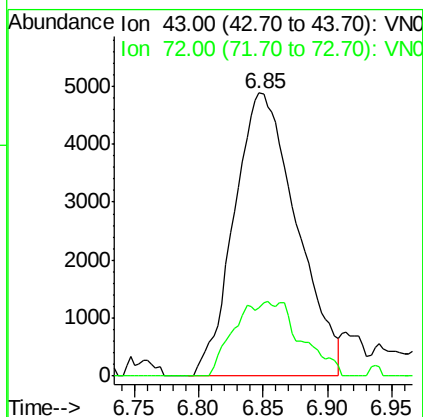
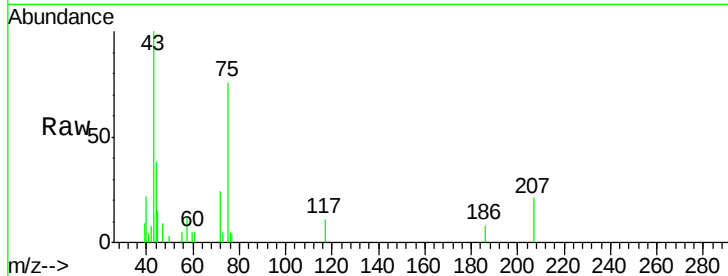




#25
2-Butanone
Concen: 3.143 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

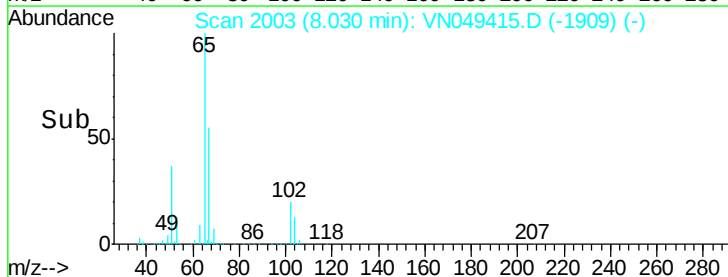
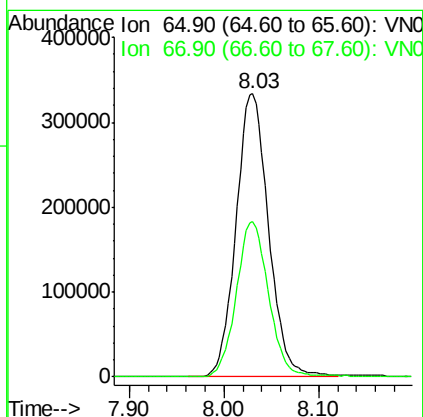
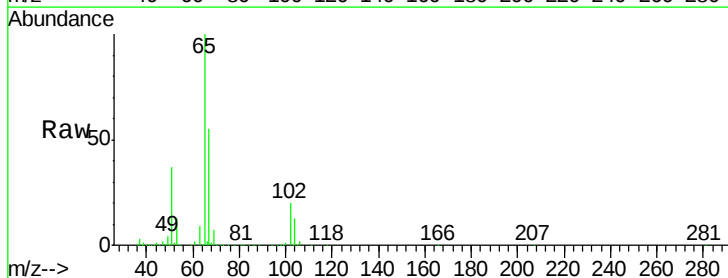
Instrument :
MSVOA_N
ClientSampled :
TP-11-D

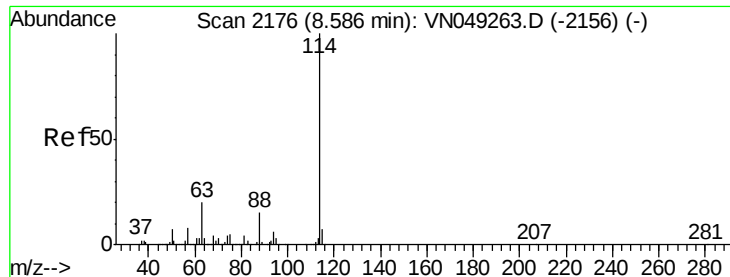
Tot Ion: 43 Resp: 16466
Ion Ratio Lower Upper
43 100
72 24.1 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 49.668 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Tgt Ion: 65 Resp: 798237
Ion Ratio Lower Upper
65 100
67 54.5 0.0 103.8

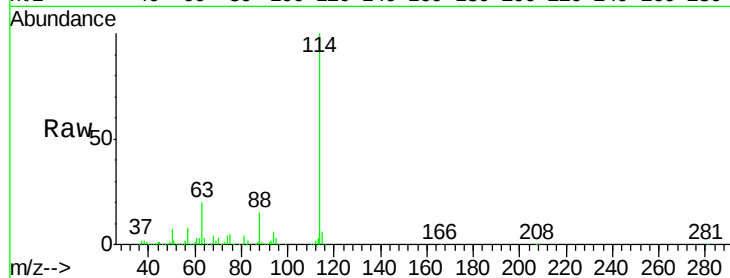




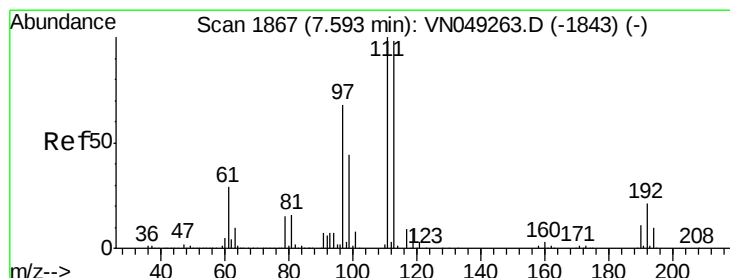
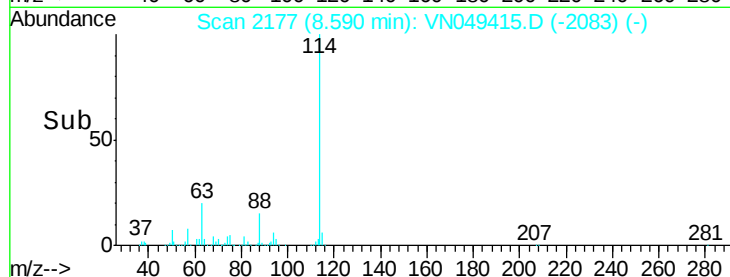
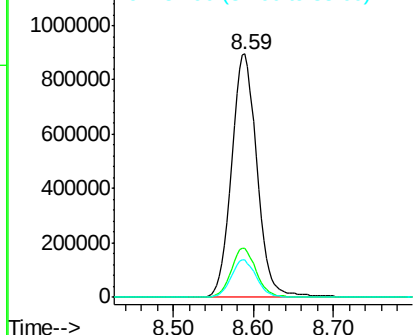
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2177
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Instrument :
MSVOA_N
ClientSampleId :
TP-11-D

Tot Ion:114 Resp: 1927097
Ion Ratio Lower Upper
114 100
63 19.9 0.0 44.4
88 15.2 0.0 31.4

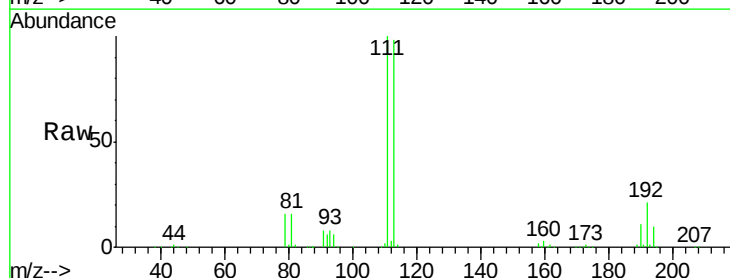


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

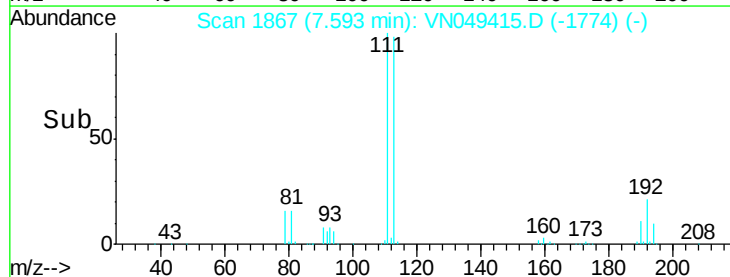
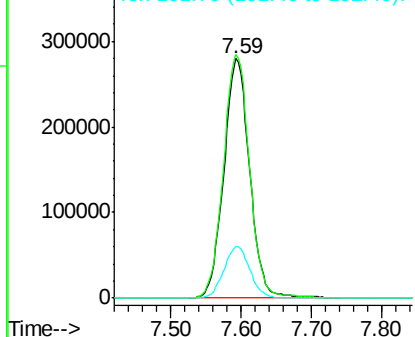


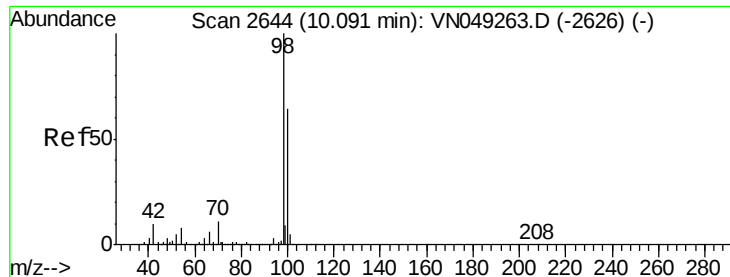
#35
Dibromofluoromethane
Concen: 45.841 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Tgt Ion:113 Resp: 714710
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 21.8 15.0 22.6



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





#50

Toluene-d8

Concen: 44.513 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049415.D

Acq: 20 Jun 2018 4:55

Instrument :

MSVOA_N

ClientSampled :

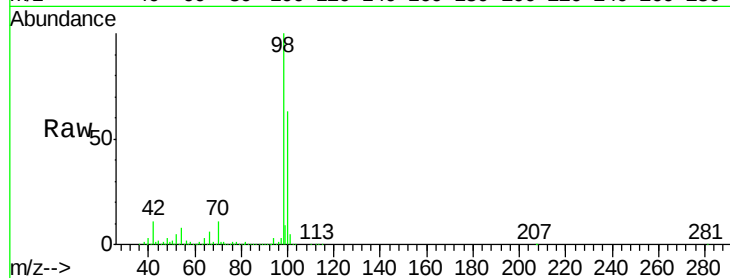
TP-11-D

Tot Ion: 98 Resp: 2642545

Ion Ratio Lower Upper

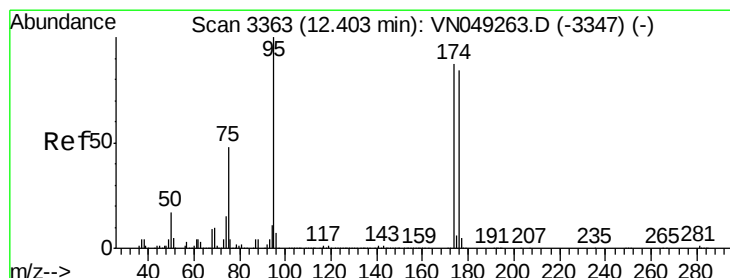
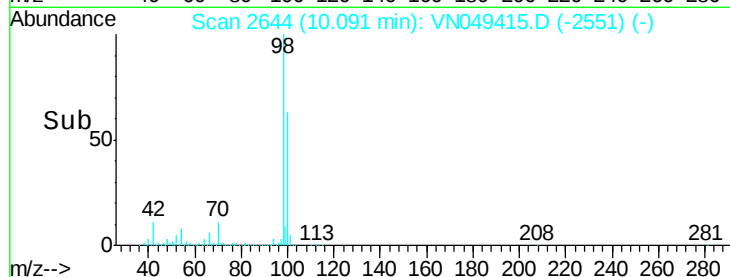
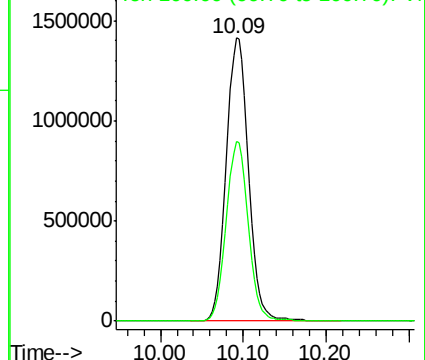
98 100

100 63.0 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 33.450 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049415.D

Acq: 20 Jun 2018 4:55

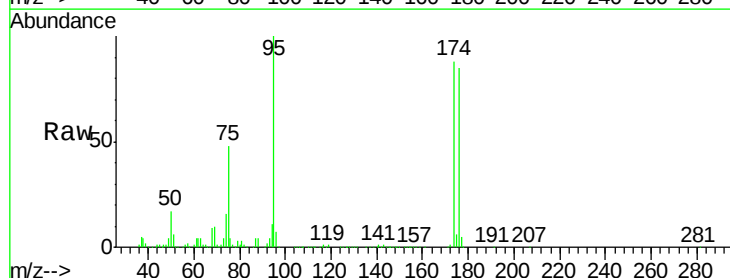
Tgt Ion: 95 Resp: 656595

Ion Ratio Lower Upper

95 100

174 89.8 0.0 165.6

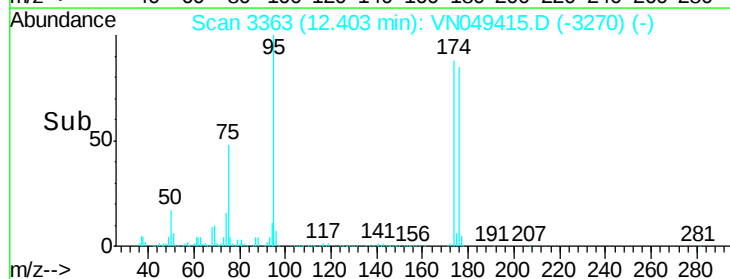
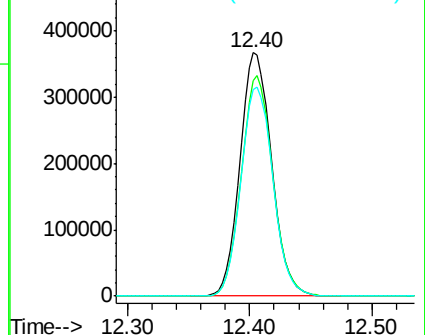
176 87.0 0.0 157.4

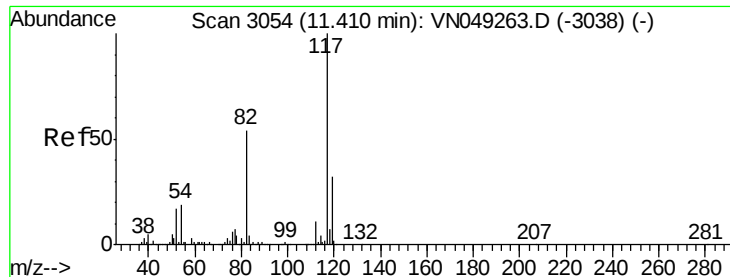


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

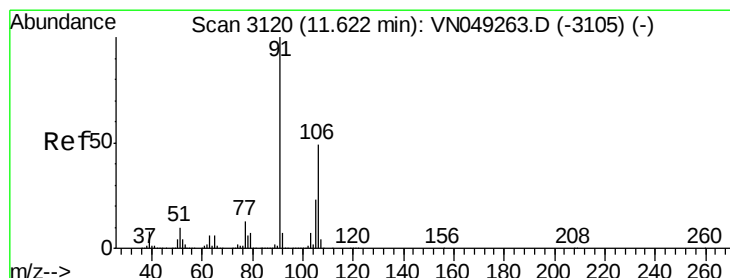
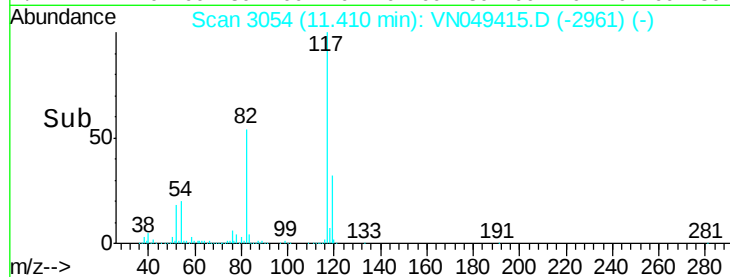
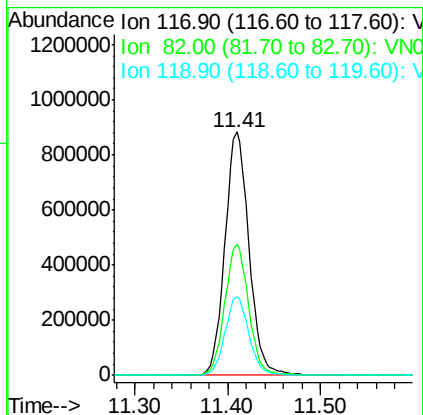
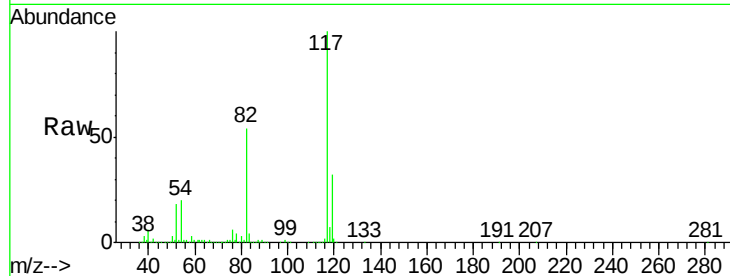




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

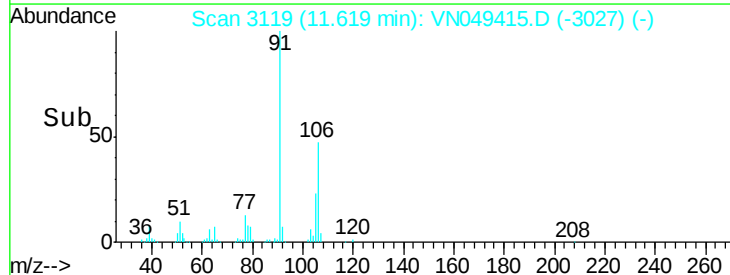
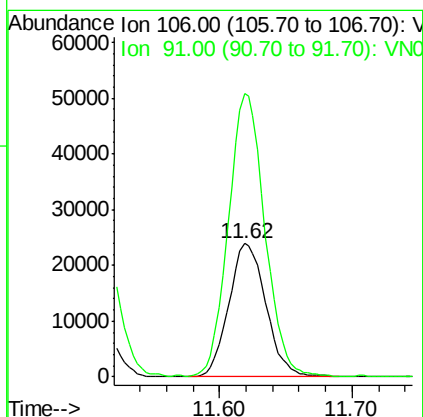
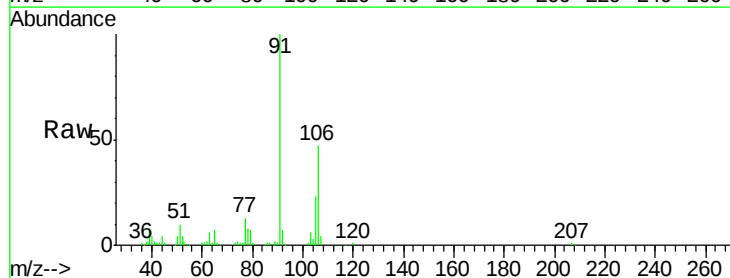
Instrument :
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TP-11-D

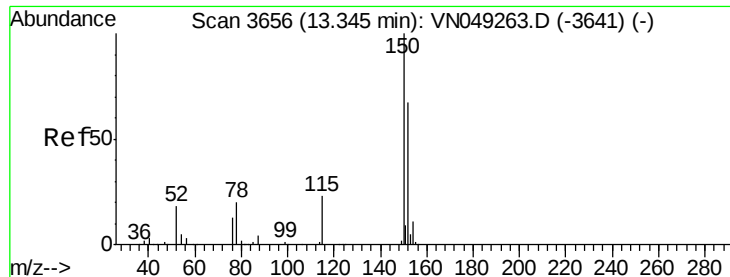
Tot Ion:117 Resp: 1586886
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 1.828 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Tgt Ion:106 Resp: 46515
Ion Ratio Lower Upper
106 100
91 208.9 167.3 250.9



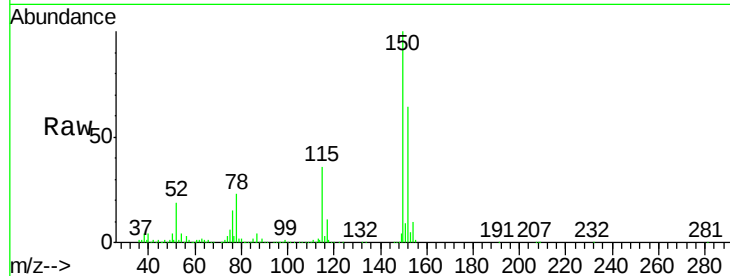


#72

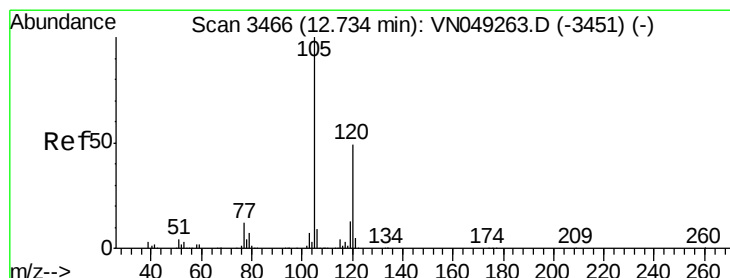
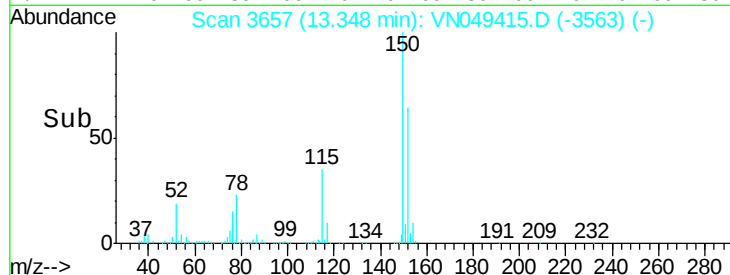
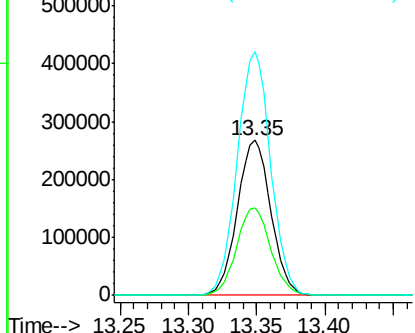
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Instrument :
MSVOA_N
ClientSampled :
TP-11-D

Tot Ion:152 Resp: 456542
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.1
150 157.0 0.0 351.0



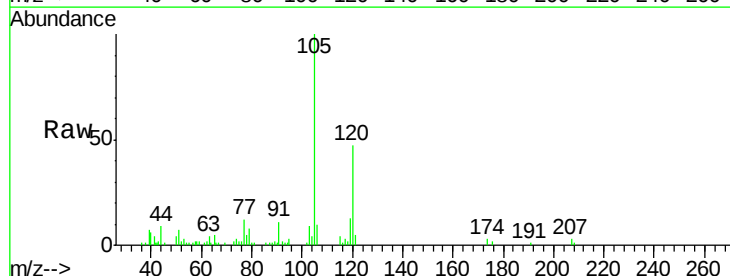
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



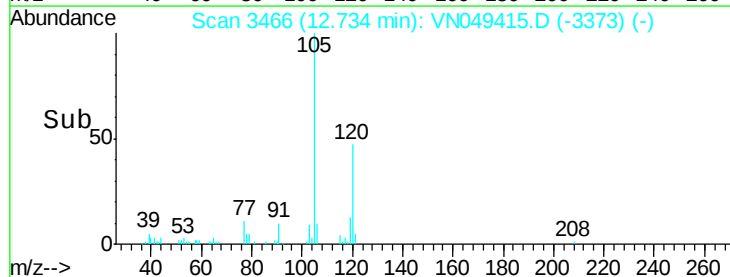
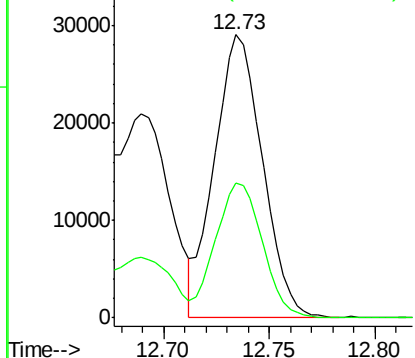
#80

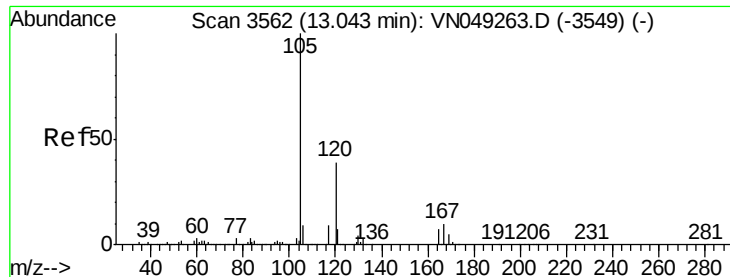
1,3,5-Trimethylbenzene
Concen: 1.456 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN049415.D
Acq: 20 Jun 2018 4:55

Tgt Ion:105 Resp: 45874
Ion Ratio Lower Upper
105 100
120 46.6 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.134 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049415.D

Acq: 20 Jun 2018 4:55

Instrument :

MSVOA_N

ClientSampleId :

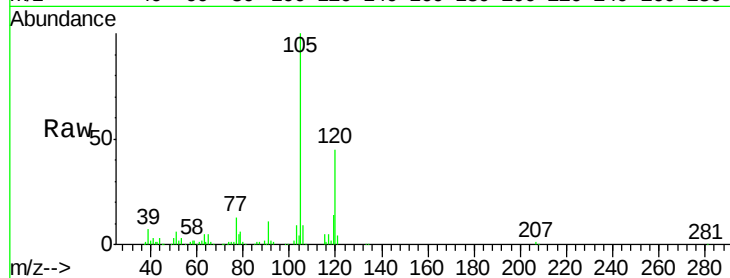
TP-11-D

Tot Ion:105 Resp: 129400

Ion Ratio Lower Upper

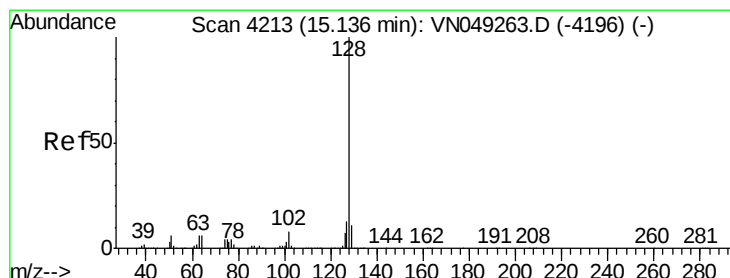
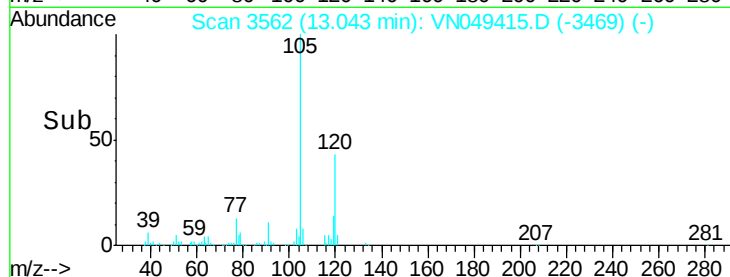
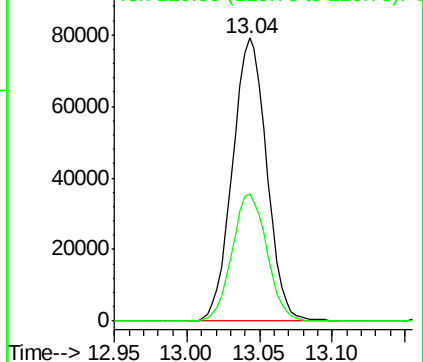
105 100

120 45.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 3.554 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049415.D

Acq: 20 Jun 2018 4:55

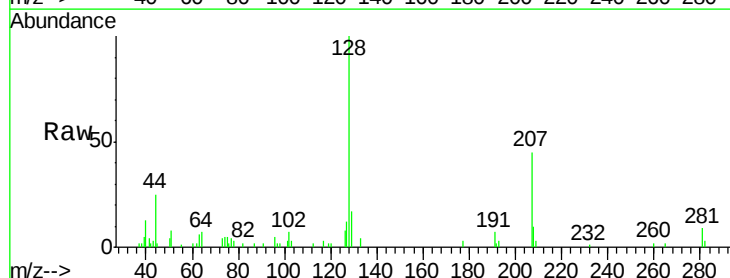
Tgt Ion:128 Resp: 18716

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.9 8.5 12.7



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

