

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049612.D
 Acq On : 29 Jun 2018 1:43
 Operator : MD\SY
 Sample : J3242-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-E

Quant Time: Jun 29 04:50:02 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	1134812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1479345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	600942	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	730062	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.00%		
35) Dibromofluoromethane	7.59	113	643000	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.46%		
50) Toluene-d8	10.09	98	2391742	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.38%		
62) 4-Bromofluorobenzene	12.40	95	701775	38.77	ug/l	0.00
Spiked Amount 50.000			Recovery =	77.54%		

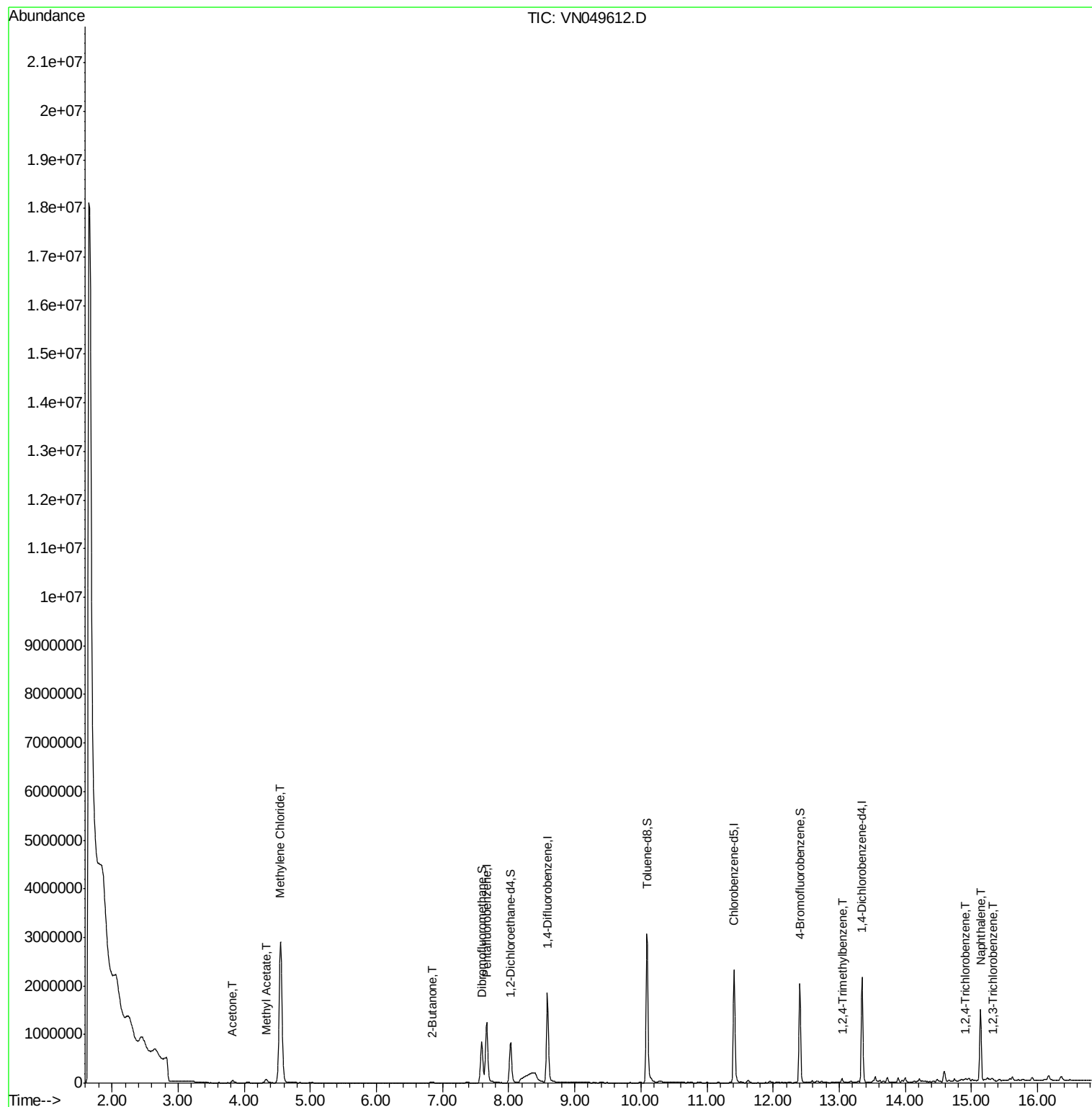
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	78279	21.42	ug/l #	87
18) Methyl Acetate	4.33	43	136969	12.29	ug/l	94
20) Methylene Chloride	4.55	84	2263220	148.28	ug/l	91
25) 2-Butanone	6.85	43	10678	2.18	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	43212	1.05	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	12294	5.82	ug/l #	68
95) Naphthalene	15.14	128	1270960	65.99	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	13273	4.68	ug/l #	65

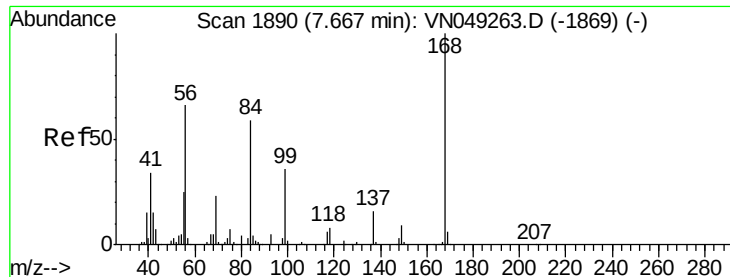
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049612.D
Acq On : 29 Jun 2018 1:43
Operator : MD\SY
Sample : J3242-10
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-E

Quant Time: Jun 29 04:50:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049612.D

Acq: 29 Jun 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

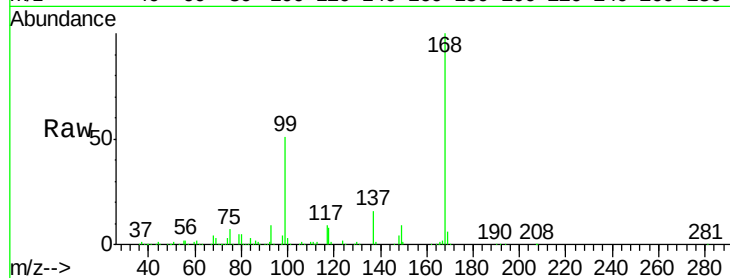
JC-02-062618-E

Tot Ion:168 Resp: 1134812

Ion Ratio Lower Upper

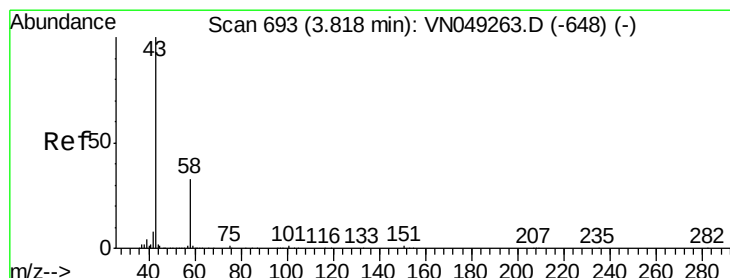
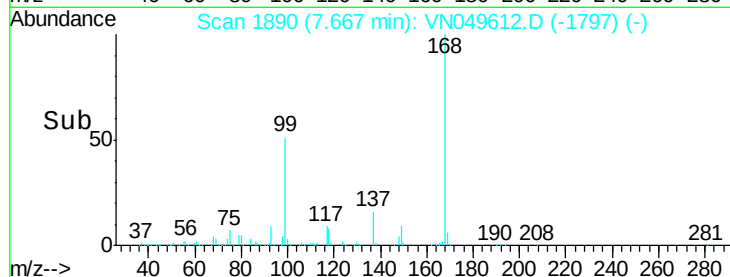
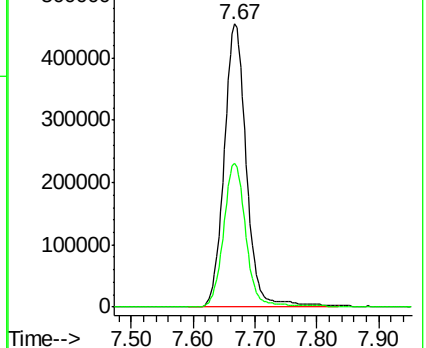
168 100

99 50.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 21.42 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049612.D

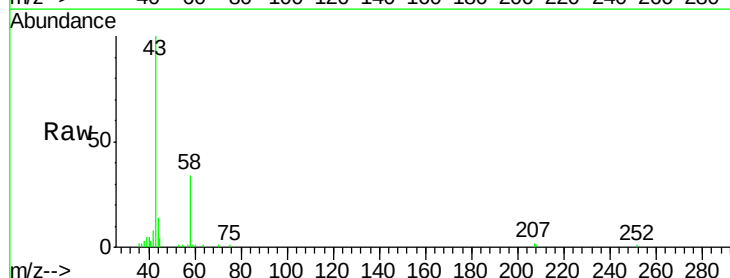
Acq: 29 Jun 2018 1:43

Tgt Ion: 43 Resp: 78279

Ion Ratio Lower Upper

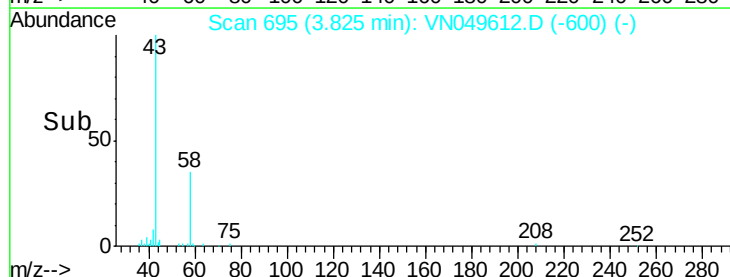
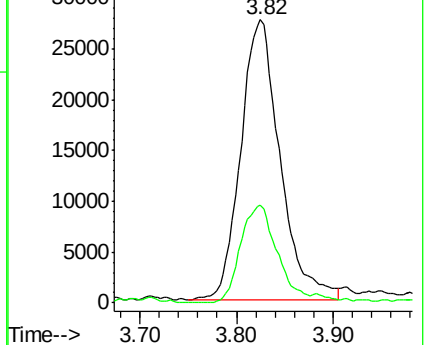
43 100

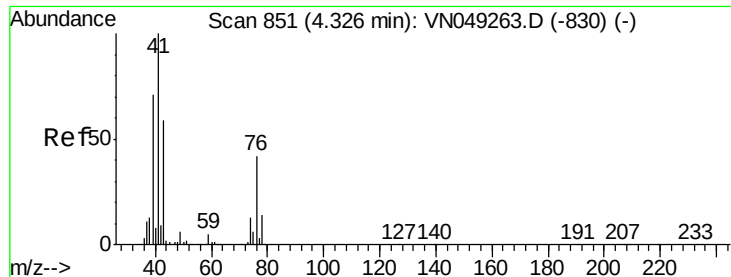
58 34.9 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

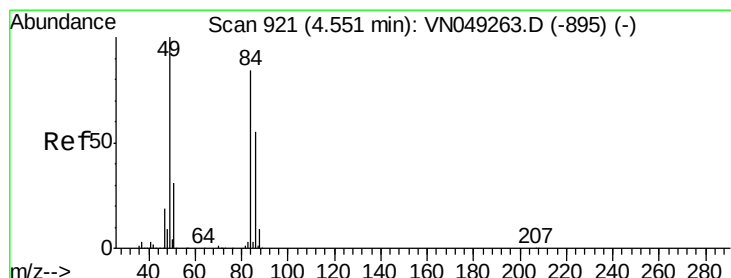
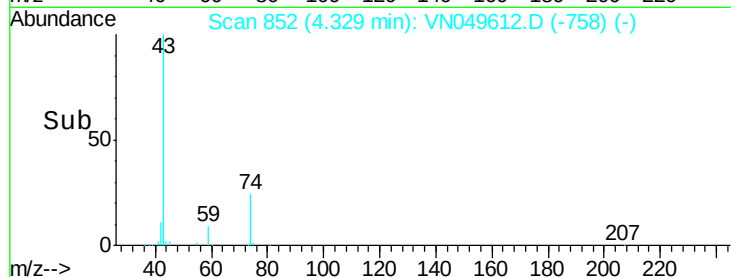
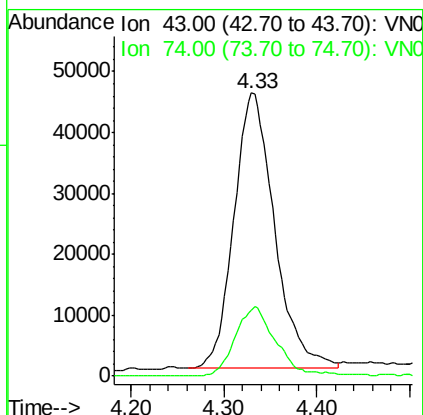
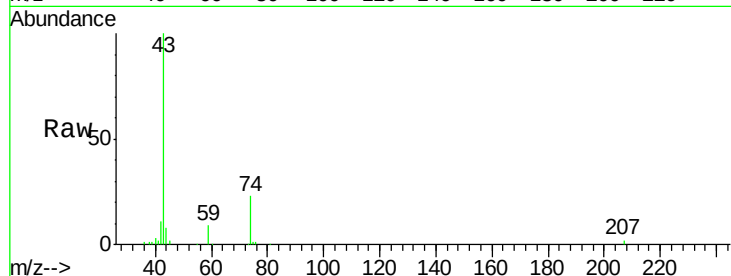




#18
Methvl Acetate
Concen: 12.29 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

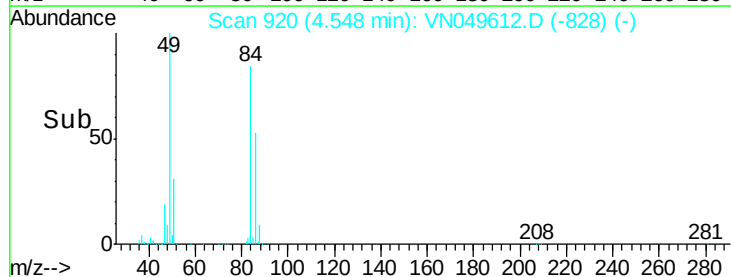
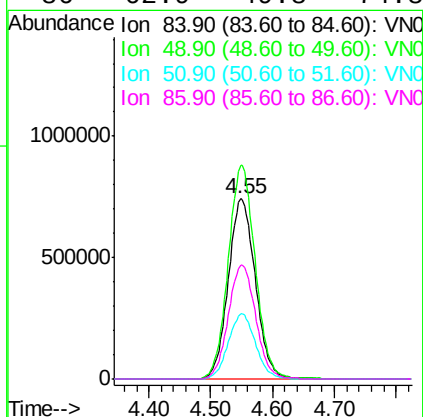
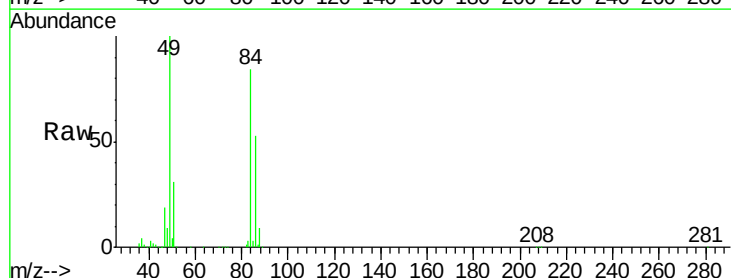
Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-E

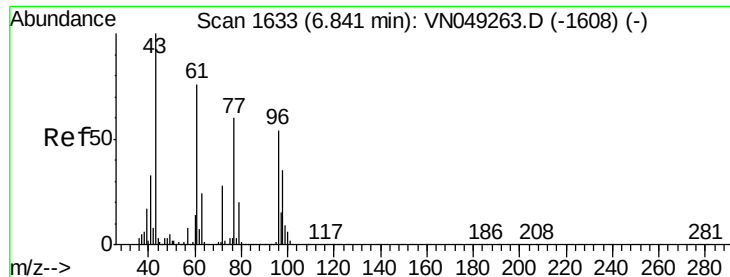
Tot Ion: 43 Resp: 136969
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0



#20
Methylene Chloride
Concen: 148.28 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

Tgt Ion: 84 Resp: 2263220
Ion Ratio Lower Upper
84 100
49 118.5 106.9 160.3
51 36.5 32.7 49.1
86 62.9 49.8 74.8

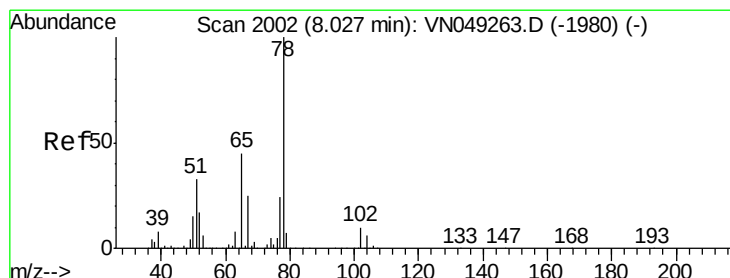
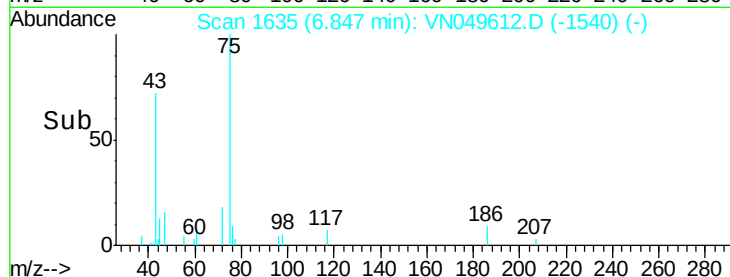
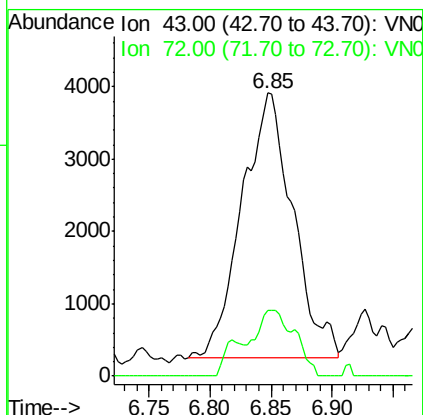
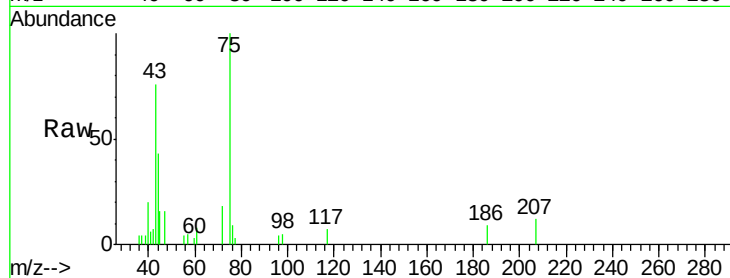




#25
2-Butanone
Concen: 2.18 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

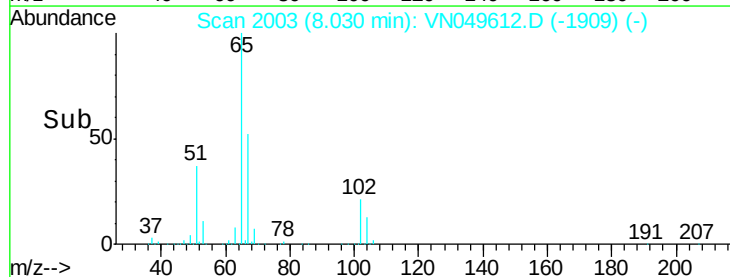
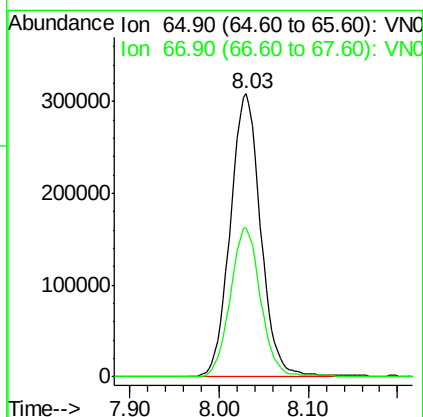
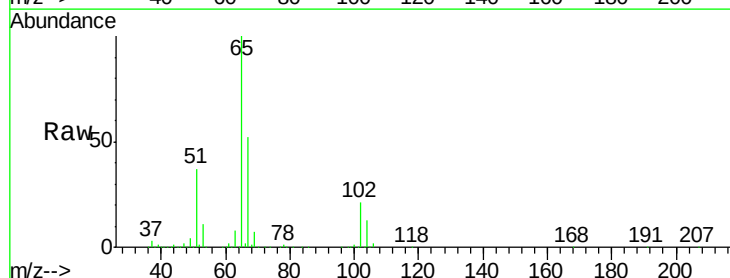
Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-E

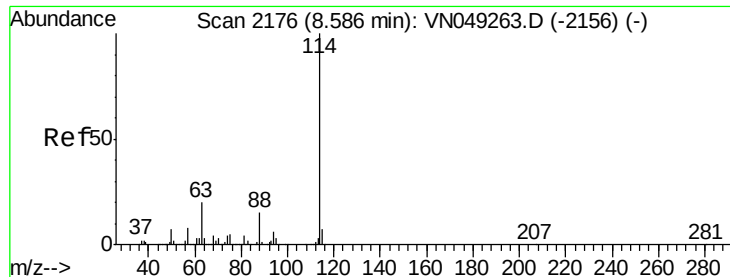
Tot Ion: 43 Resp: 10678
Ion Ratio Lower Upper
43 100
72 24.7 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 48.50 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

Tgt Ion: 65 Resp: 730062
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-E

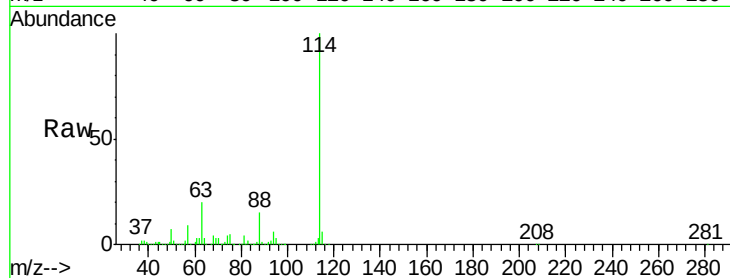
Tot Ion:114 Resp: 1776953

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.4

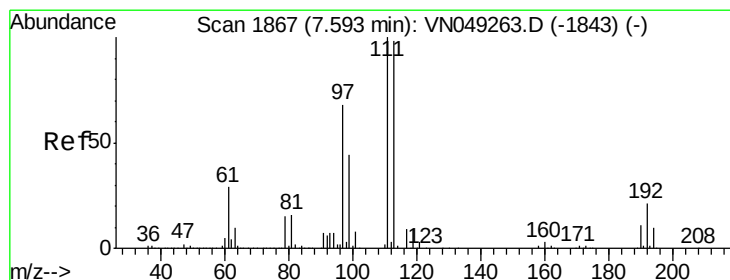
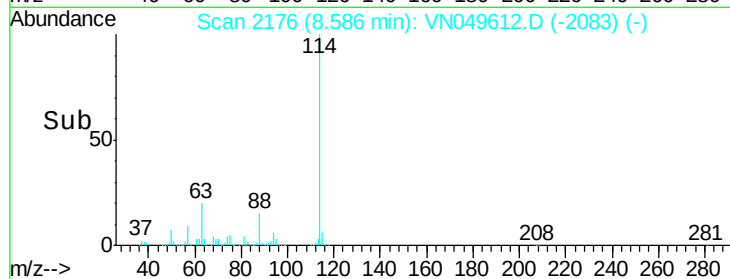
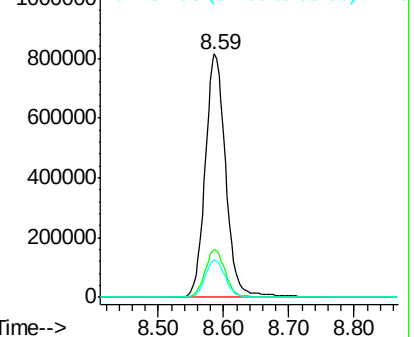
88 15.3 0.0 31.4



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: 44.73 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

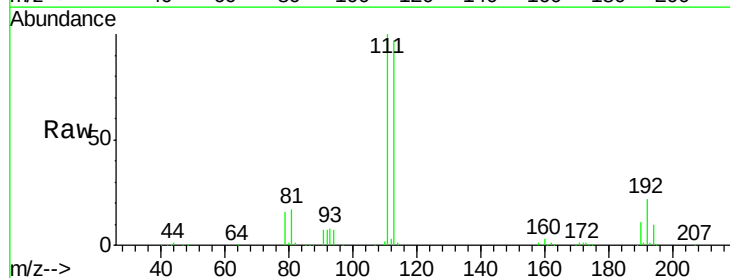
Tgt Ion:113 Resp: 643000

Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

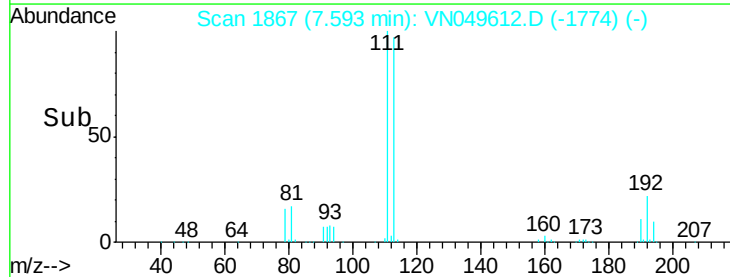
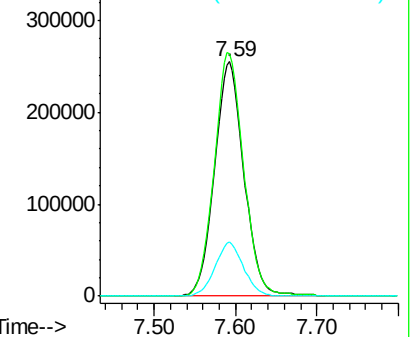
192 22.1 15.0 22.6

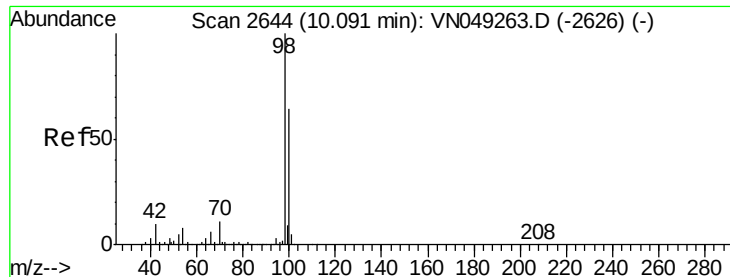


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.69 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

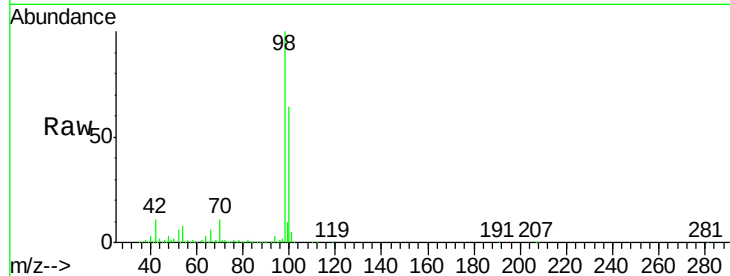
JC-02-062618-E

Tot Ion: 98 Resp: 2391742

Ion Ratio Lower Upper

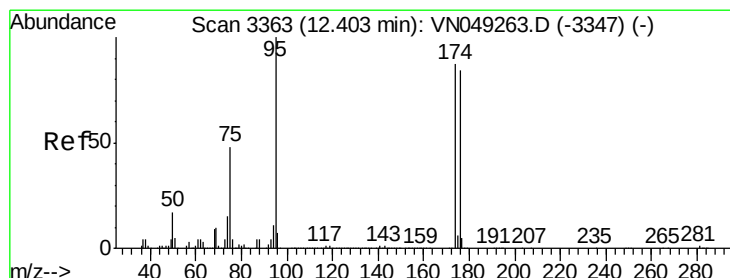
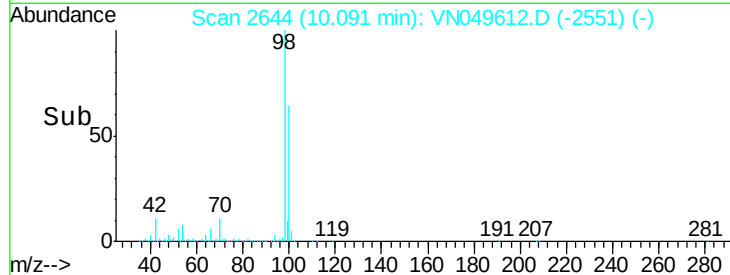
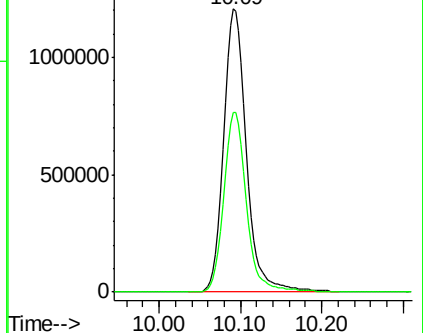
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049612.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049612.D (-2551) (-)



#62

4-Bromofluorobenzene

Concen: 38.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

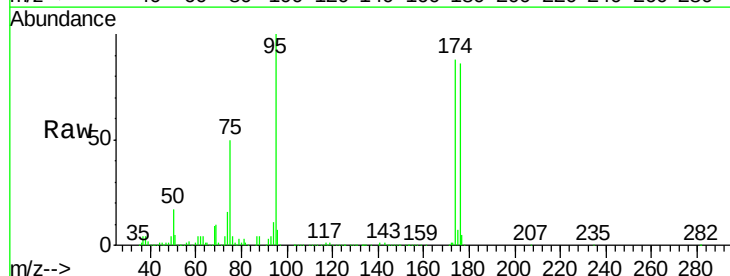
Tgt Ion: 95 Resp: 701775

Ion Ratio Lower Upper

95 100

174 91.0 0.0 165.6

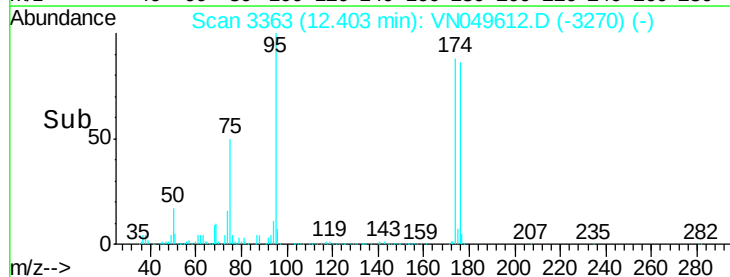
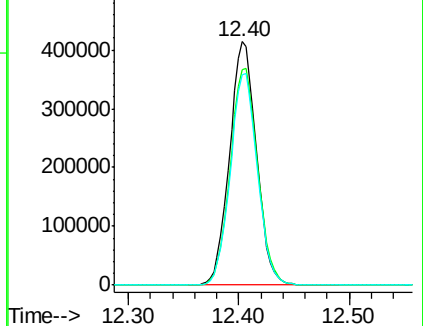
176 87.3 0.0 157.4

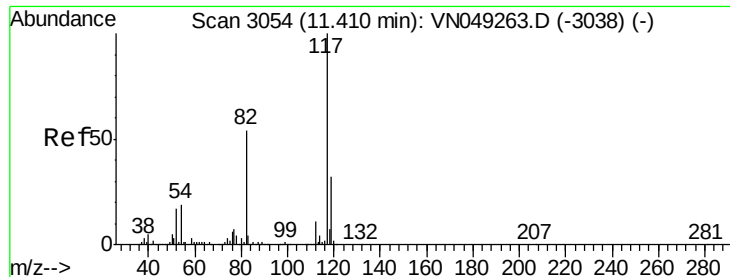


Abundance Ion 94.90 (94.60 to 95.60): VN049612.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049612.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049612.D (-3270) (-)

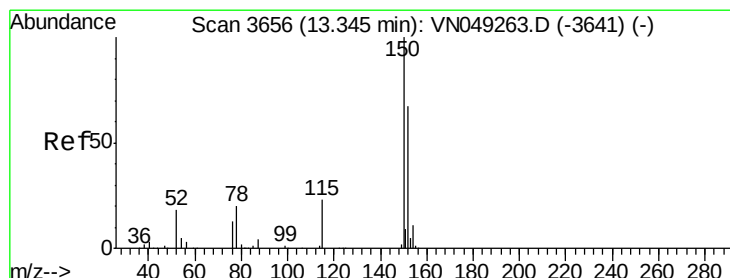
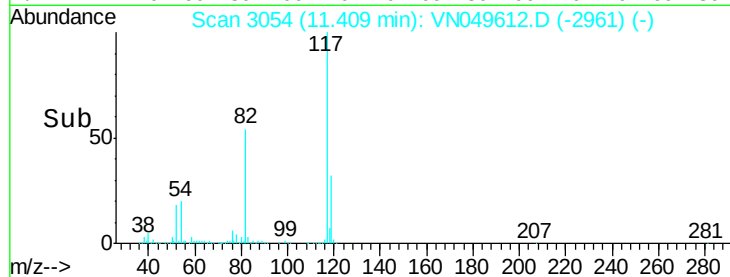
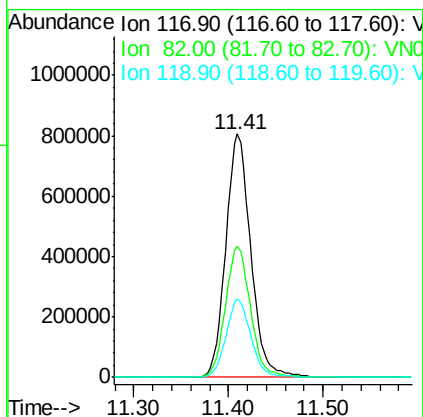
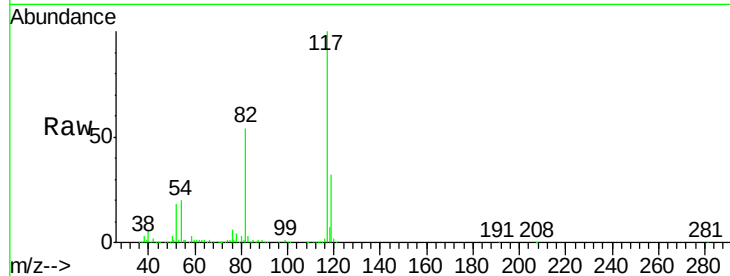




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

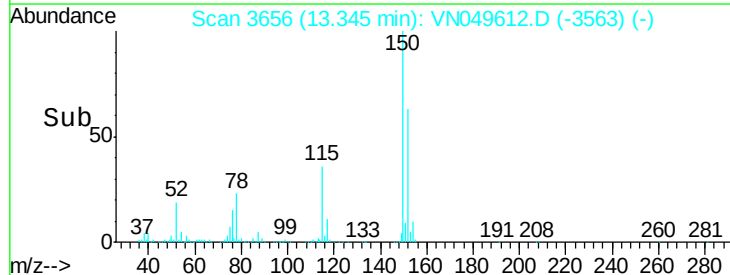
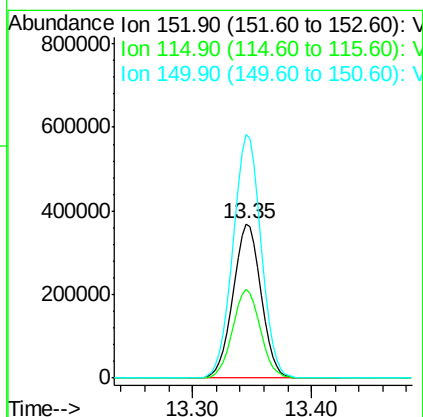
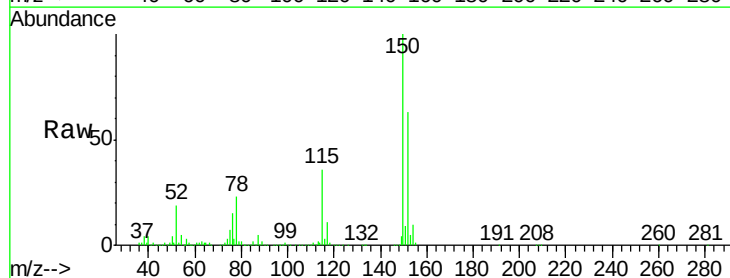
Instrument :
MSVOA_N
ClientSampled :
JC-02-062618-E

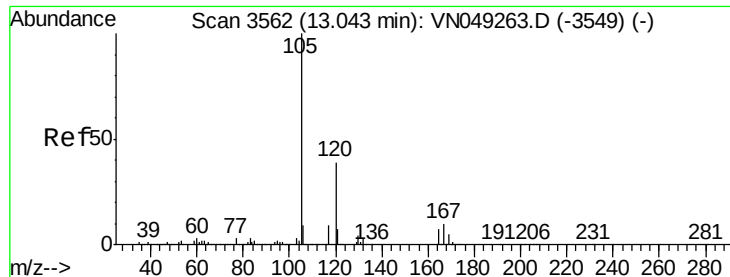
Tot Ion:117 Resp: 1479345
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

Tgt Ion:152 Resp: 600942
Ion Ratio Lower Upper
152 100
115 57.0 28.7 86.1
150 158.3 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 1.05 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

Instrument :

MSVOA_N

ClientSampleId :

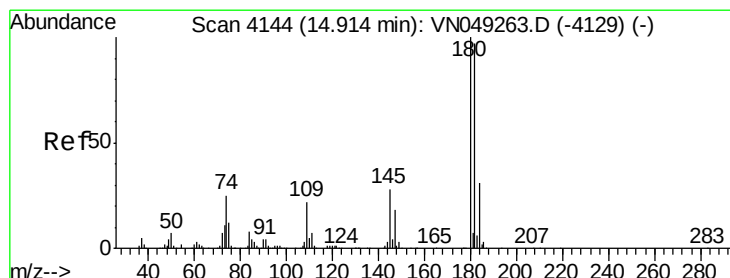
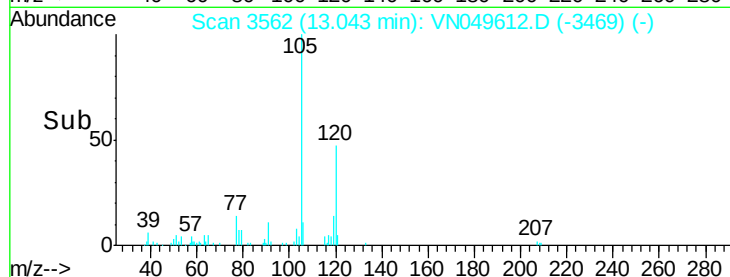
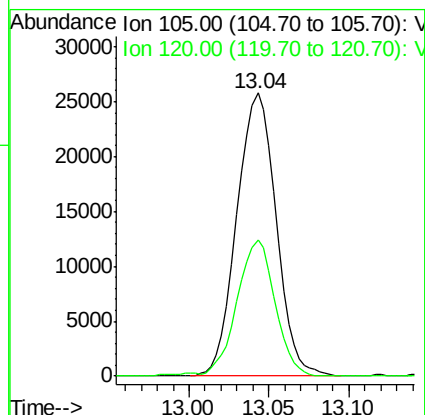
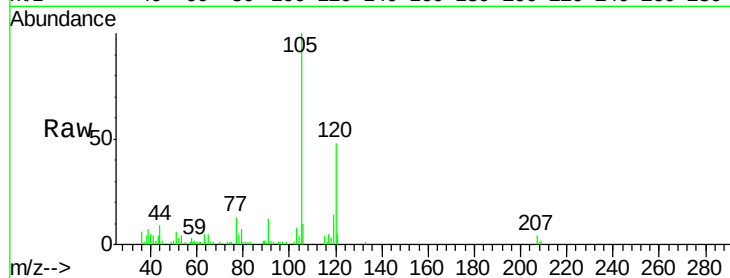
JC-02-062618-E

Tot Ion:105 Resp: 43212

Ion Ratio Lower Upper

105 100

120 46.1 22.2 66.6



#93

1,2,4-Trichlorobenzene

Concen: 5.82 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049612.D

Acq: 29 Jun 2018 1:43

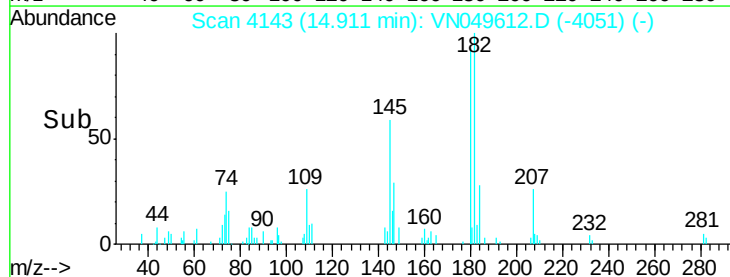
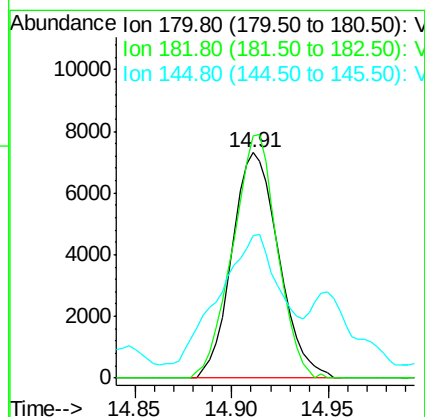
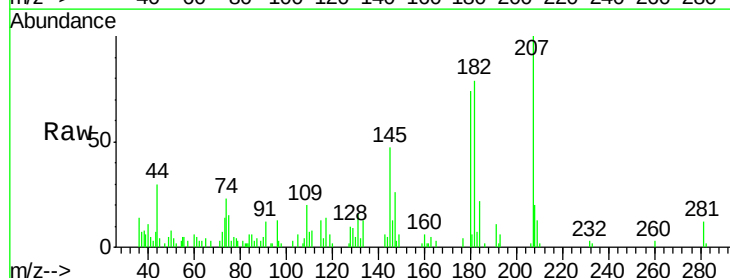
Tgt Ion:180 Resp: 12294

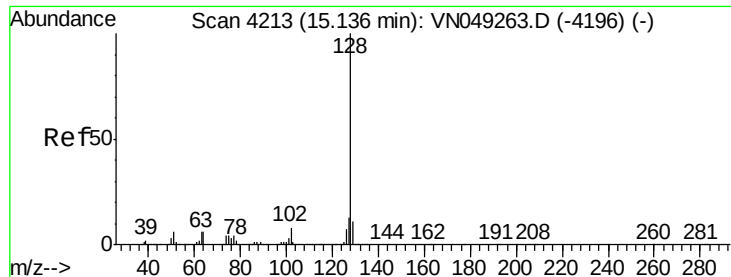
Ion Ratio Lower Upper

180 100

182 102.6 46.9 140.8

145 86.4 14.7 44.1#

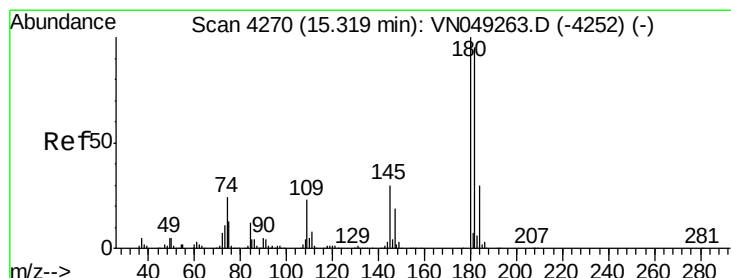
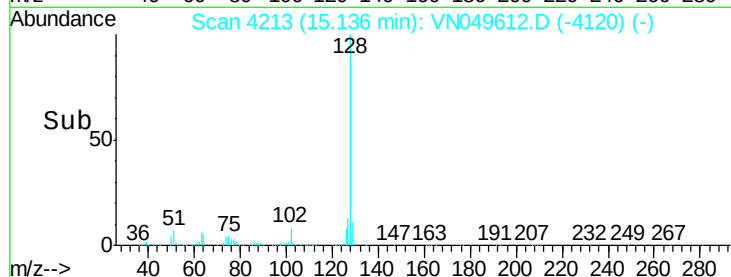
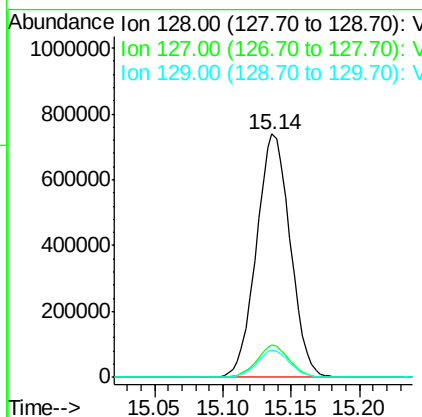
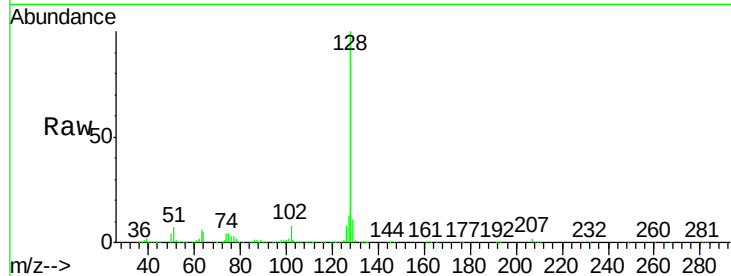




#95
Naphthalene
Concen: 65.99 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-E

Tot Ion:128 Resp: 1270960
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 4.68 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049612.D
Acq: 29 Jun 2018 1:43

Tgt Ion:180 Resp: 13273
Ion Ratio Lower Upper
180 100
182 98.6 47.3 141.8
145 101.9 15.6 46.7#

