

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050684.D
 Acq On : 16 Aug 2018 4:26
 Operator : MD\SY
 Sample : J4471-20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Aug 16 05:26:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	603886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	861155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	319293	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	416336	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	7.59	113	379959	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	10.09	98	1370542	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.40	95	387412	39.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.02%	

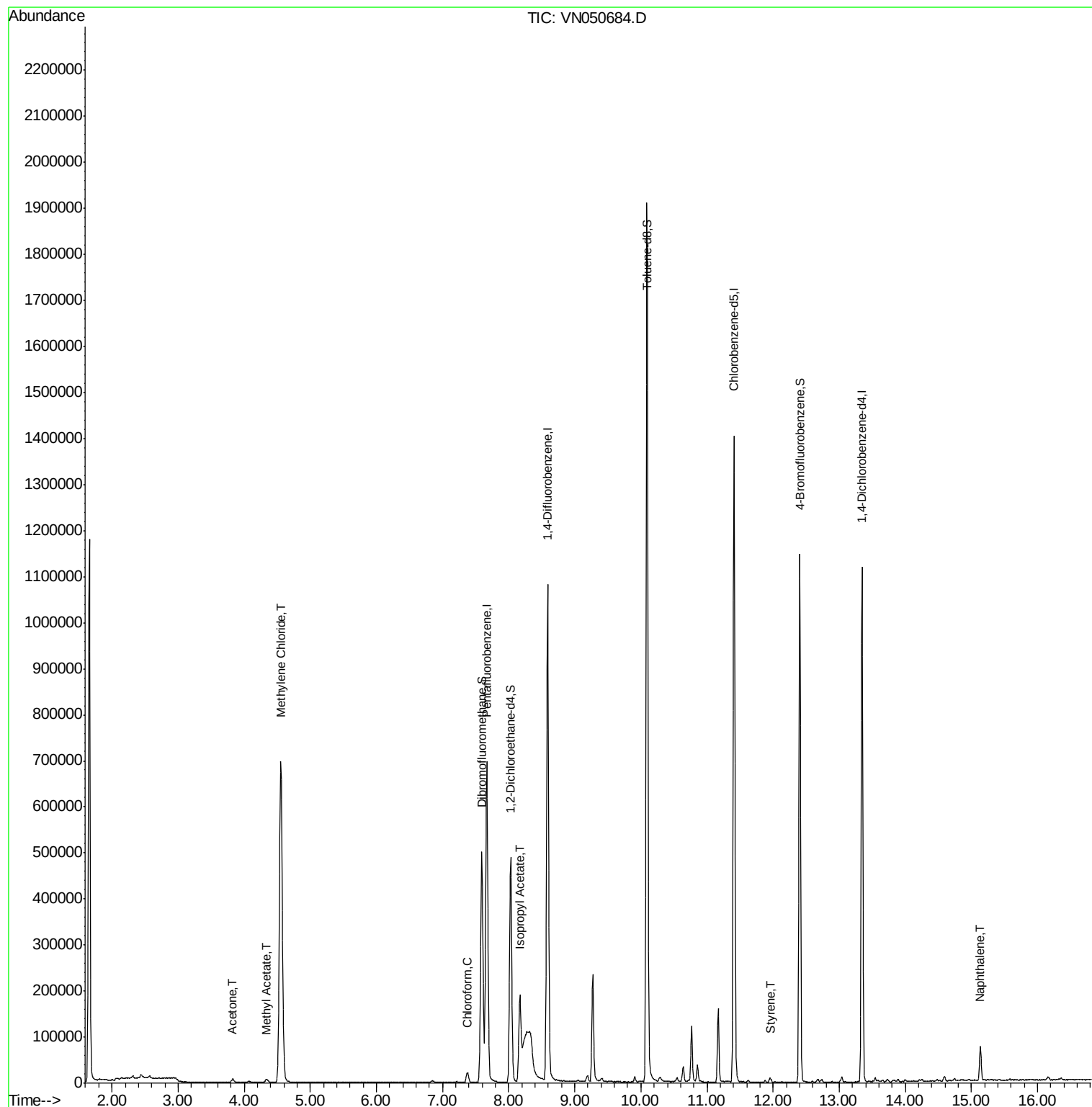
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	12738	5.28	ug/l	92
18) Methyl Acetate	4.33	43	13486	1.56	ug/l	98
20) Methylene Chloride	4.55	84	554734	77.37	ug/l	98
30) Chloroform	7.37	83	23287	1.70	ug/l	94
43) Isopropyl Acetate	8.17	43	240041	20.92	ug/l	96
70) Styrene	11.97	104	1935	1.03	ug/l #	91
95) Naphthalene	15.13	128	64886	8.74	ug/l	98

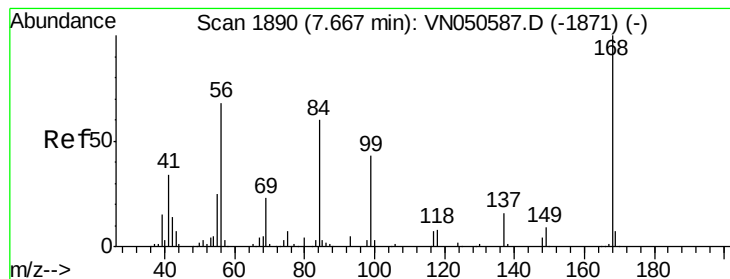
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampled :

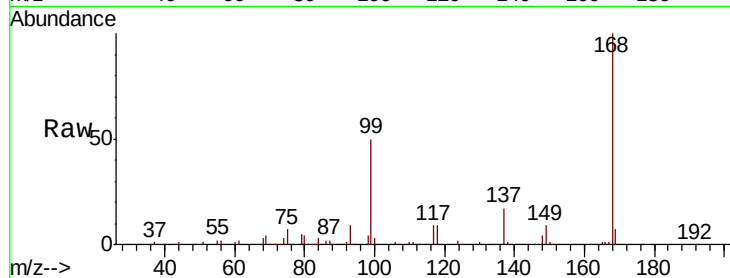
TP-5

Tot Ion:168 Resp: 603886

Ion Ratio Lower Upper

168 100

99 50.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

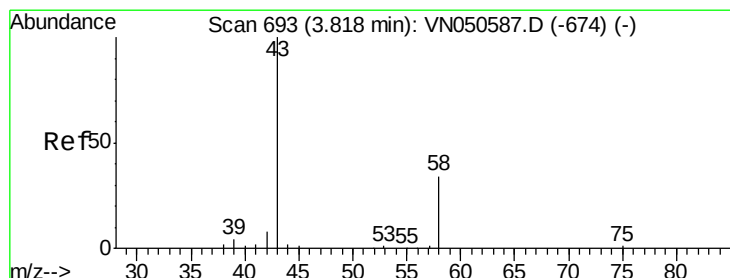
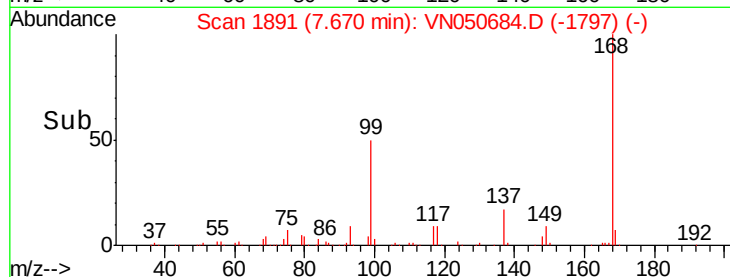
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.28 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050684.D

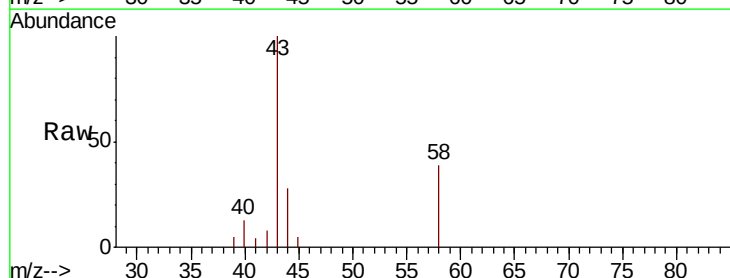
Acq: 16 Aug 2018 4:26

Tgt Ion: 43 Resp: 12738

Ion Ratio Lower Upper

43 100

58 38.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

5000

4000

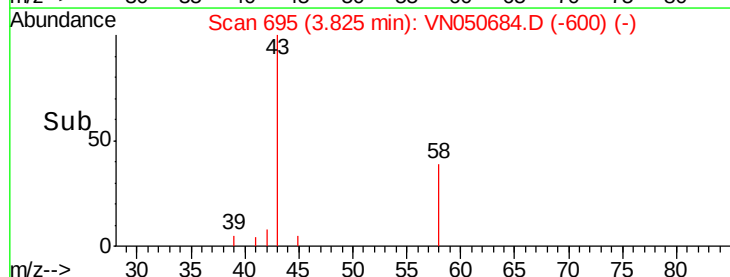
3000

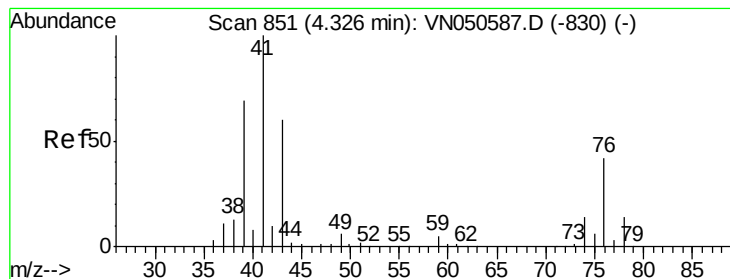
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#18

Methvl Acetate

Concen: 1.56 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

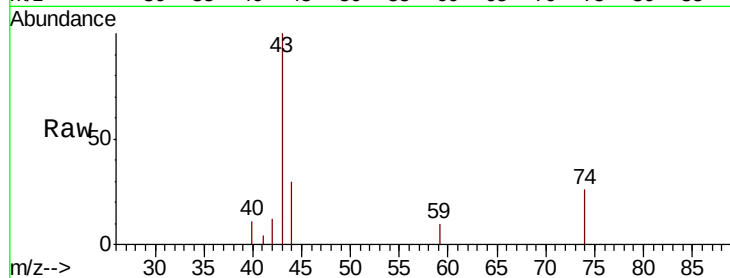
TP-5

Tot Ion: 43 Resp: 13486

Ion Ratio Lower Upper

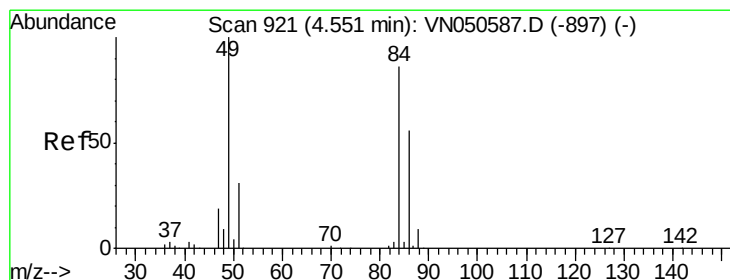
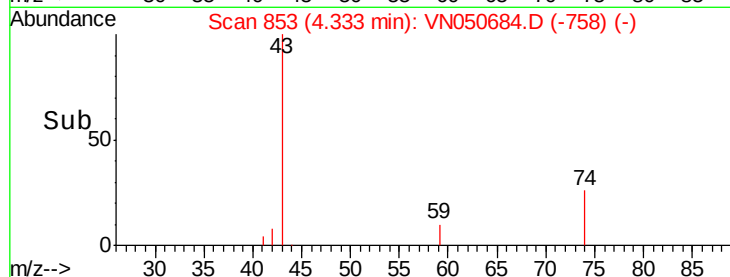
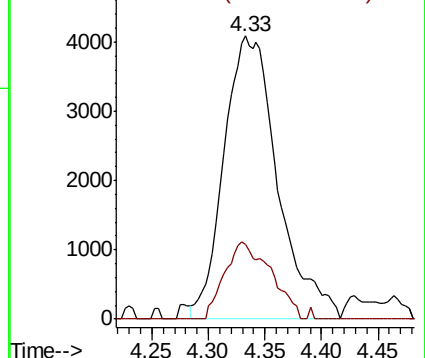
43 100

74 23.4 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC



#20

Methylene Chloride

Concen: 77.37 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Tgt Ion: 84 Resp: 554734

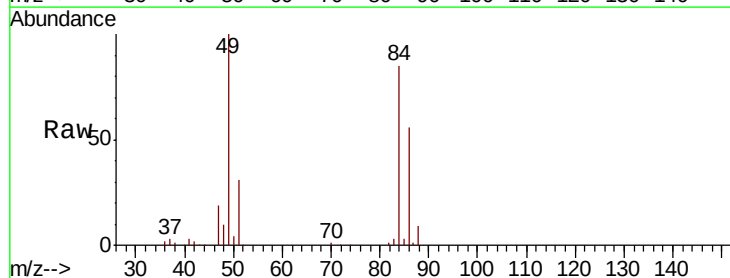
Ion Ratio Lower Upper

84 100

49 118.2 92.6 138.8

51 36.6 28.6 43.0

86 65.8 52.2 78.2

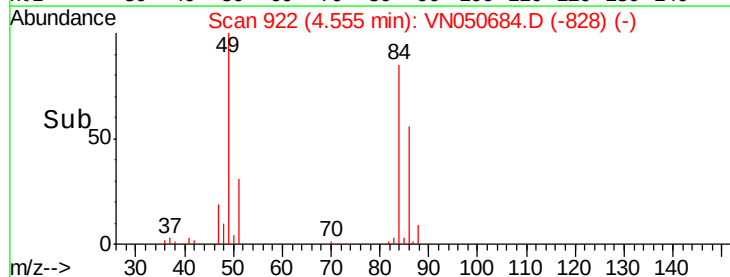
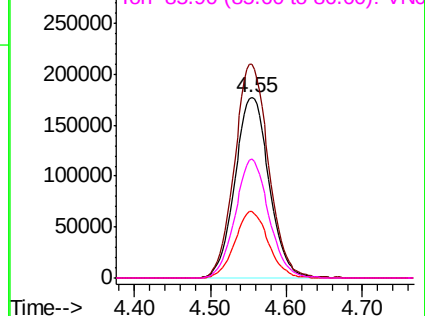


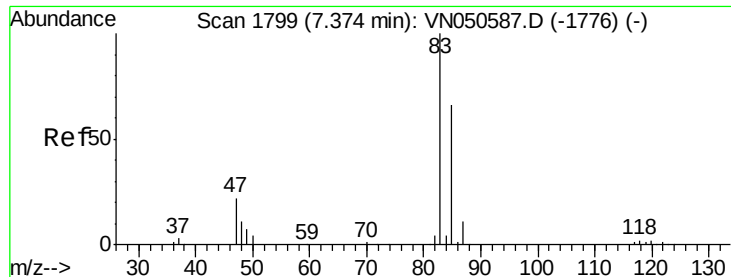
Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

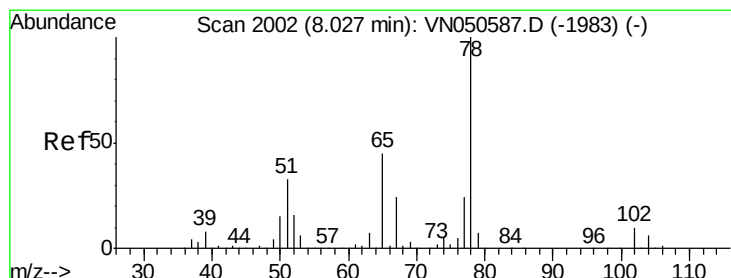
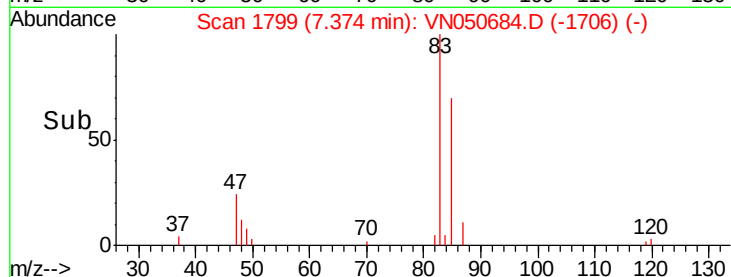
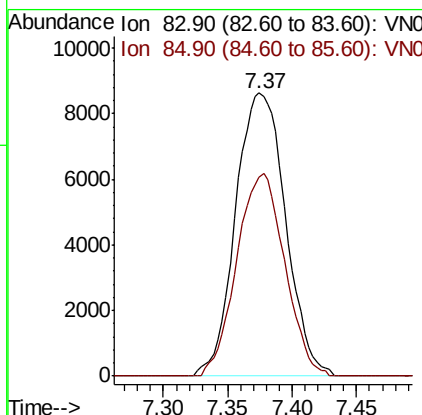
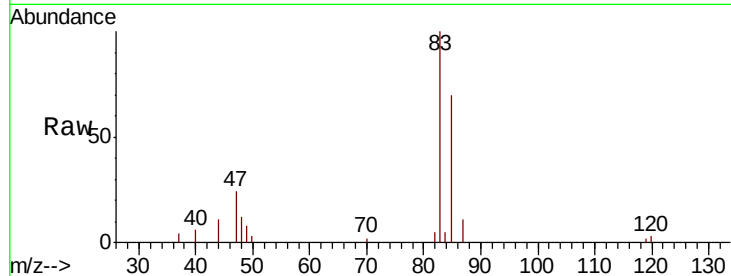




#30
Chloroform
Concen: 1.70 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

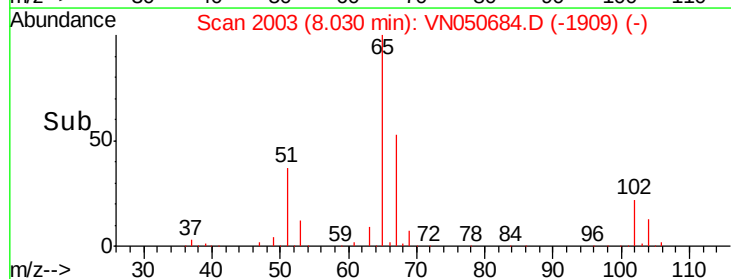
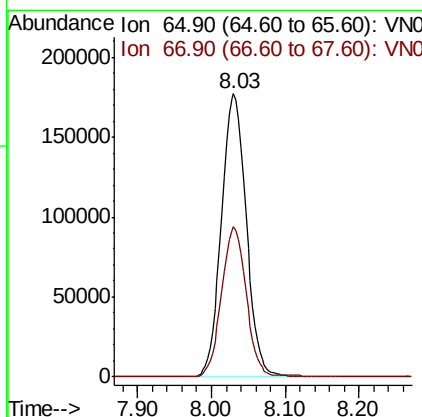
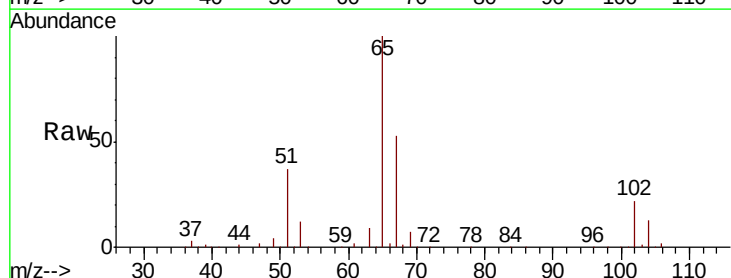
Instrument :
MSVOA_N
ClientSampled :
TP-5

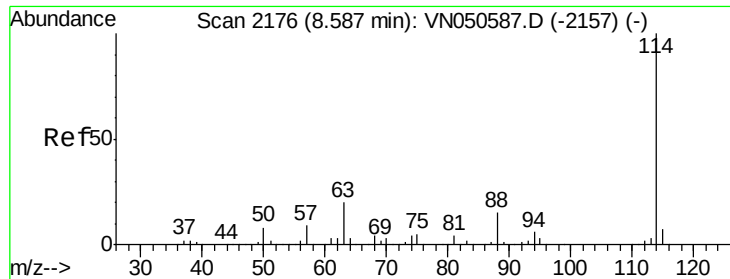
Tot Ion: 83 Resp: 23287
Ion Ratio Lower Upper
83 100
85 70.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 54.69 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 65 Resp: 416336
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.8

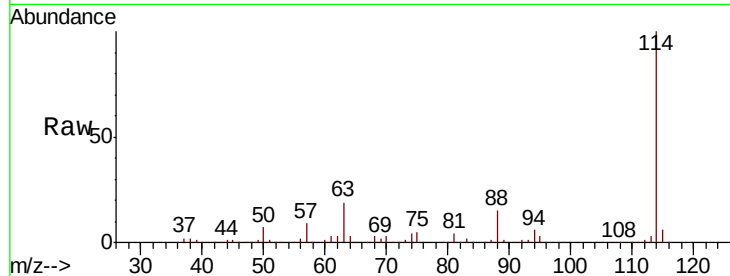




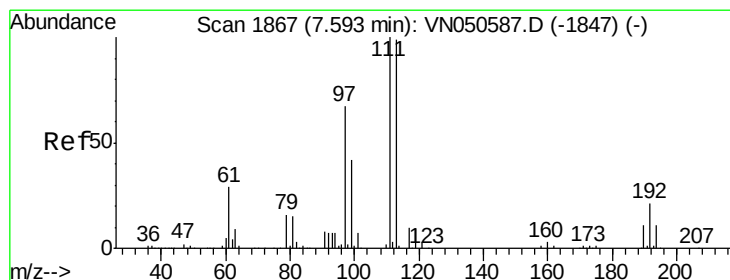
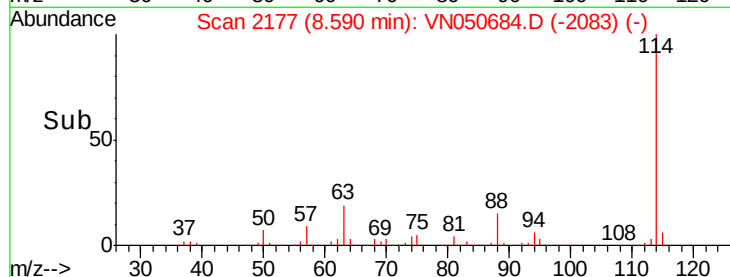
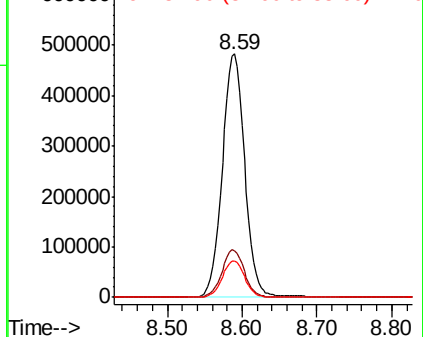
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion:114 Resp: 1000571
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.1 0.0 30.8

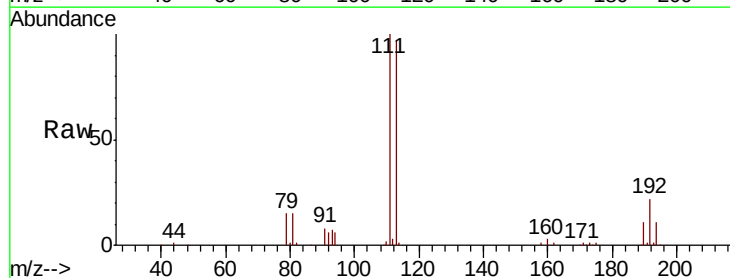


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

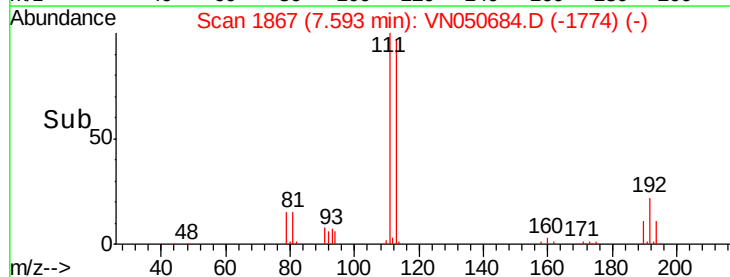
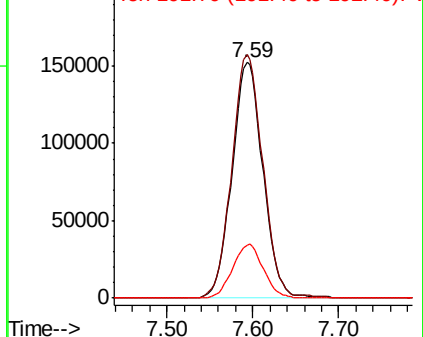


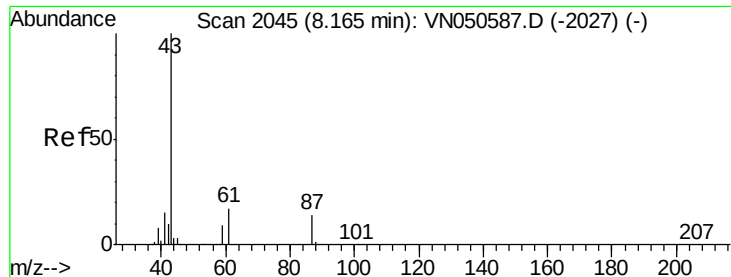
#35
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050684.D
 Acq: 16 Aug 2018 4:26

Tgt Ion:113 Resp: 379959
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.0 121.6
 192 22.7 17.6 26.4



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: 20.92 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050684.D

Acq: 16 Aug 2018 4:26

Instrument :

MSVOA_N

ClientSampleId :

TP-5

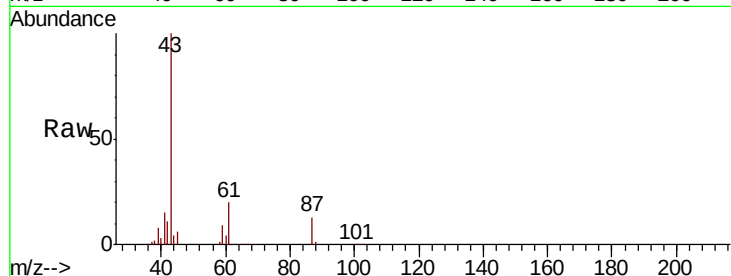
Tot Ion: 43 Resp: 240041

Ion Ratio Lower Upper

43 100

61 18.1 16.2 24.2

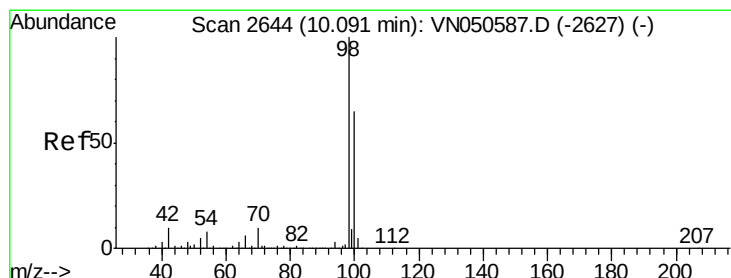
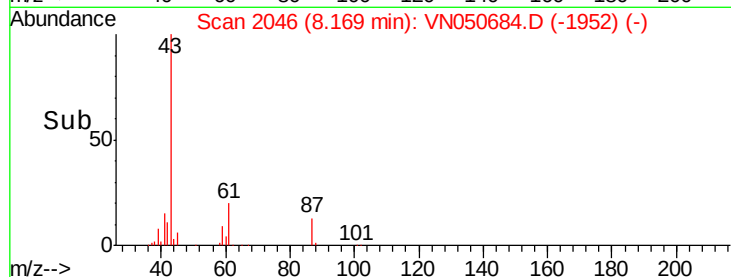
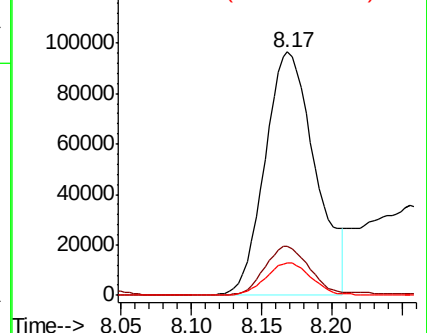
87 12.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050587.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050587.D (-2027) (-)



#50

Toluene-d8

Concen: 45.59 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050684.D

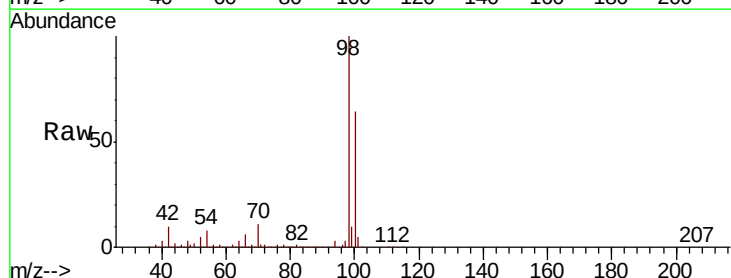
Acq: 16 Aug 2018 4:26

Tgt Ion: 98 Resp: 1370542

Ion Ratio Lower Upper

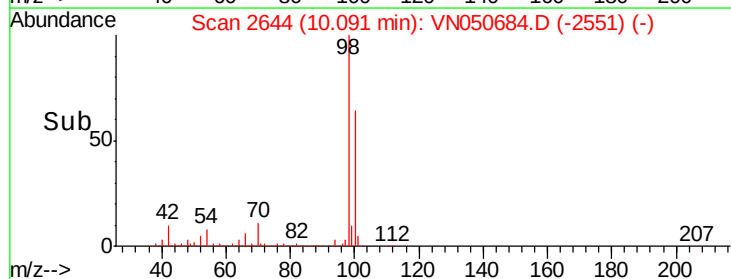
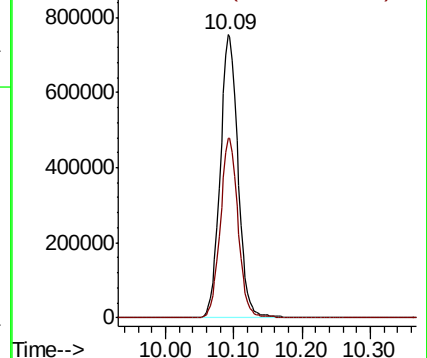
98 100

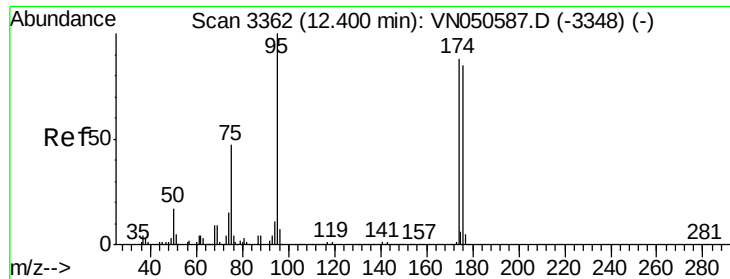
100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

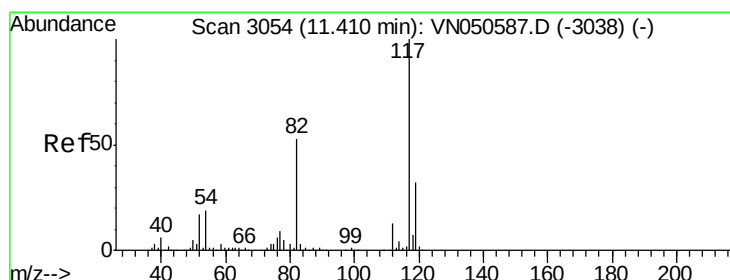
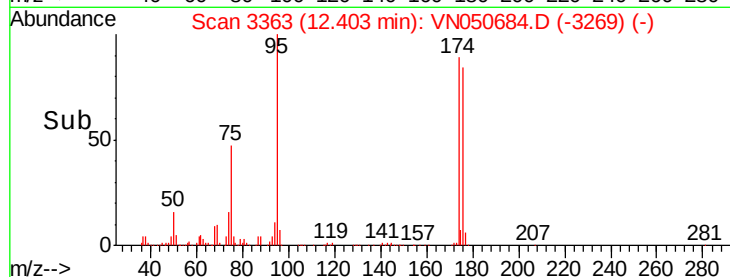
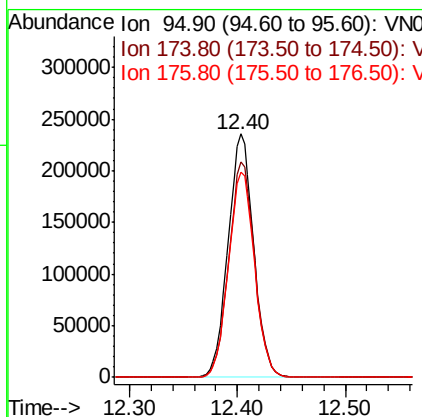
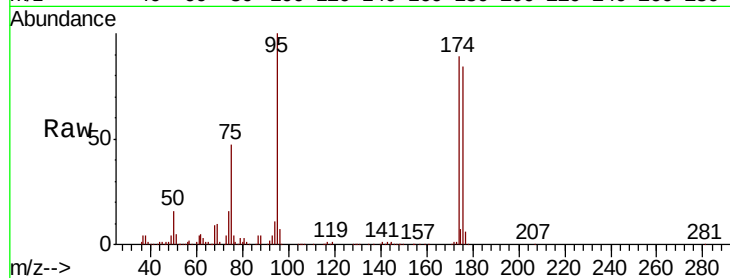




#62
4-Bromofluorobenzene
Concen: 39.01 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

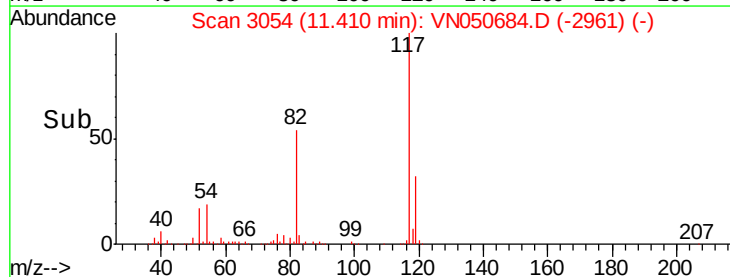
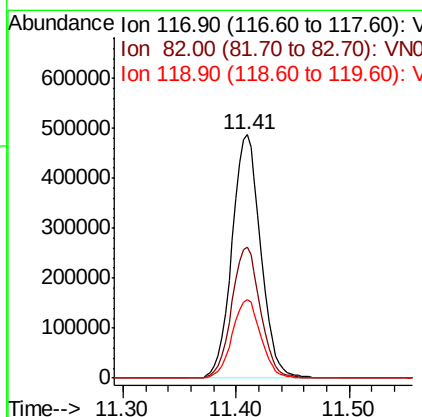
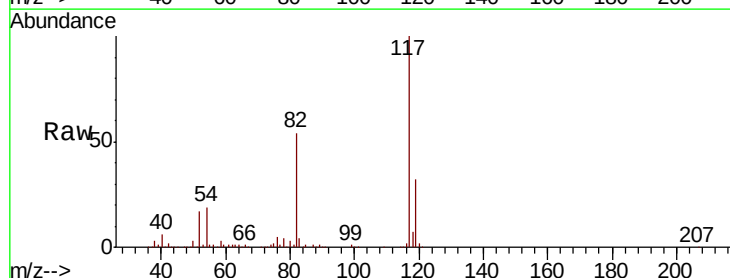
Instrument :
MSVOA_N
ClientSampleId :
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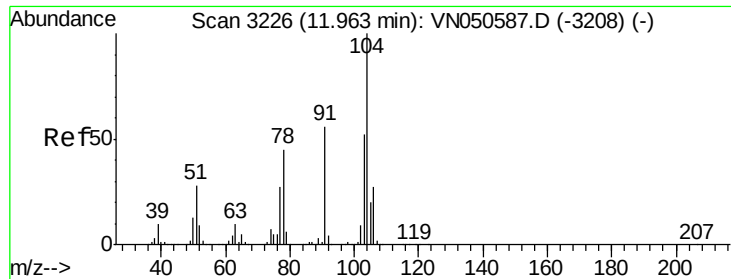
Tot Ion: 95 Resp: 387412
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.8
176 86.2 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion: 117 Resp: 861155
Ion Ratio Lower Upper
117 100
82 53.8 42.4 63.6
119 32.5 25.8 38.8

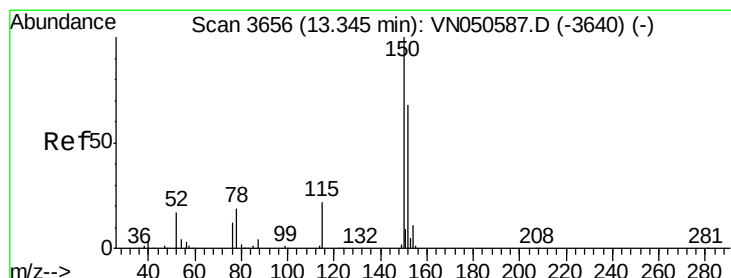
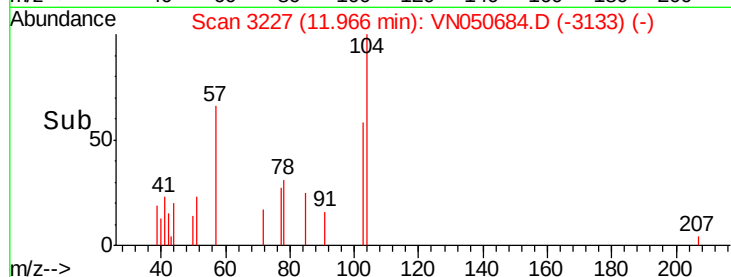
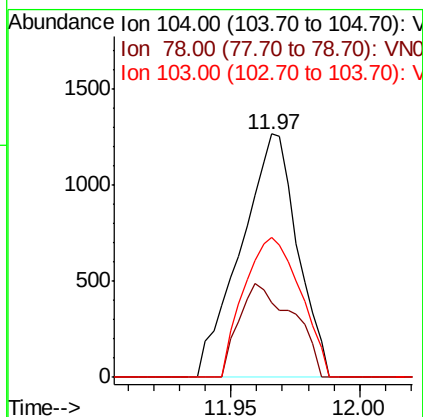
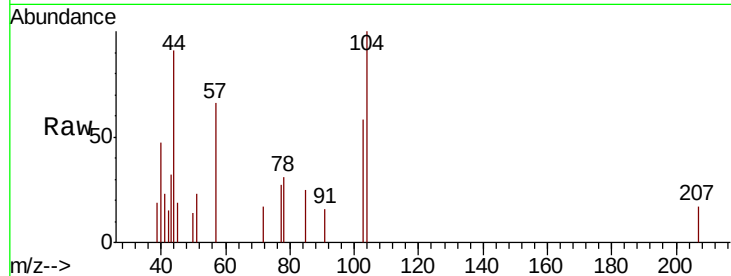




#70
Stvrene
Concen: 1.03 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

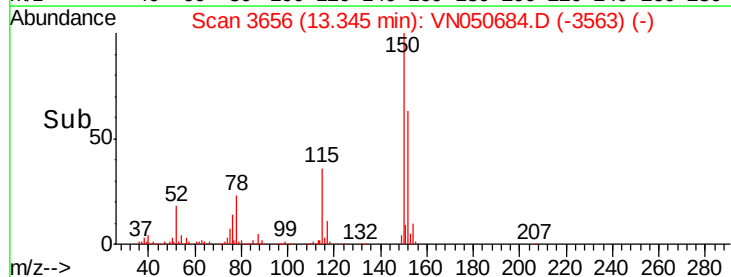
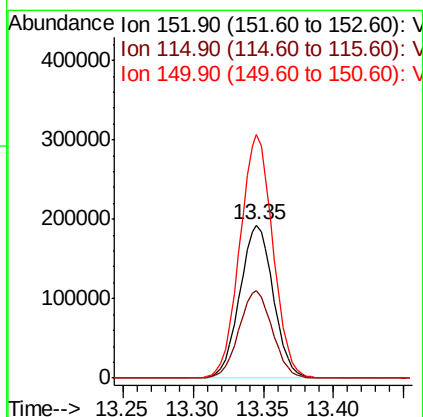
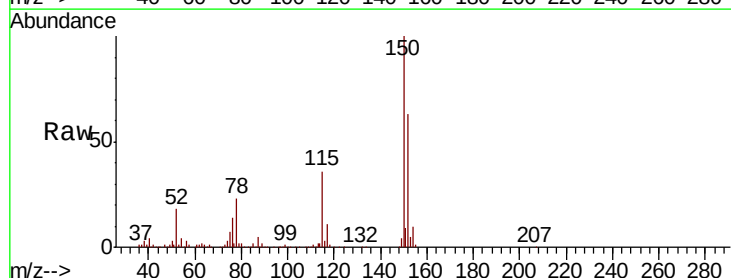
Instrument :
MSVOA_N
ClientSampleId :
TP-5

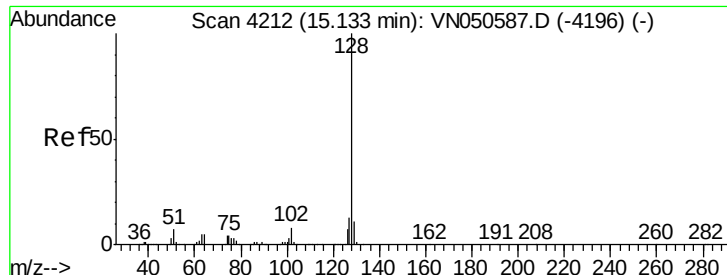
Tot Ion:104 Resp: 1935
Ion Ratio Lower Upper
104 100
78 37.0 39.1 58.7#
103 57.4 44.9 67.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Tgt Ion:152 Resp: 319293
Ion Ratio Lower Upper
152 100
115 57.0 28.1 84.2
150 157.0 0.0 347.8

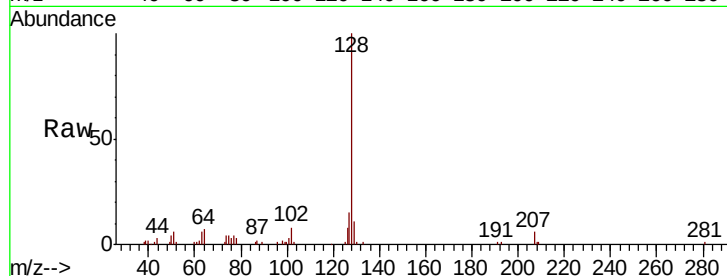




#95
Naphthalene
Concen: 8.74 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN050684.D
Acq: 16 Aug 2018 4:26

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	10.9	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

