

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049294.D
 Acq On : 16 Jun 2018 7:17
 Operator : MD\SY
 Sample : J3504-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-51COMP

Quant Time: Jun 18 01:39:39 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	1329848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2113124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1666340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	540934	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	890250	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.59	113	814895	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	2842812	43.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.34%	
62) 4-Bromofluorobenzene	12.40	95	729376	33.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.78%	

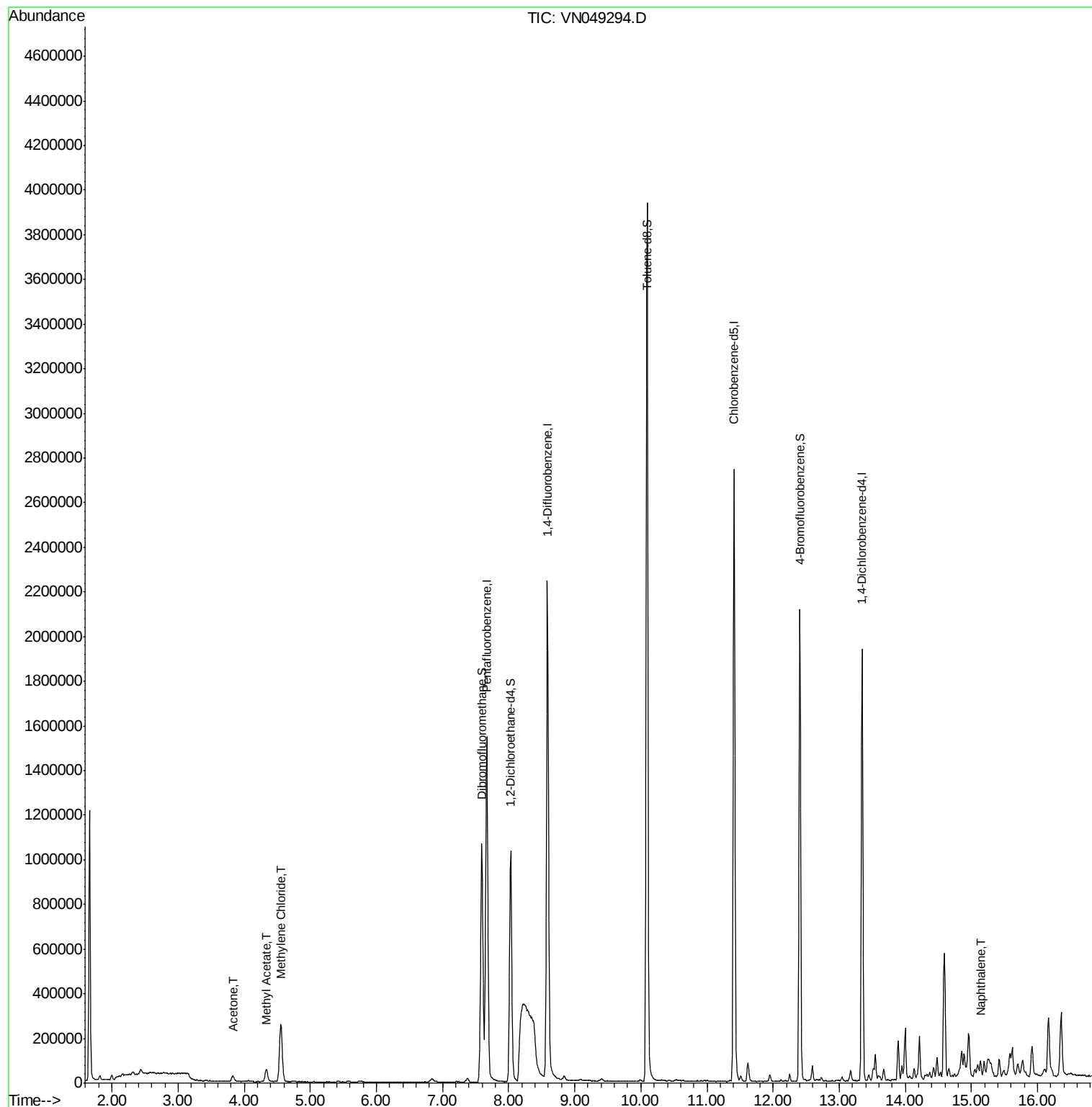
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	44056	10.29	ug/l	90
18) Methyl Acetate	4.34	43	112129	8.59	ug/l	99
20) Methylene Chloride	4.55	84	197963	11.07	ug/l	90
95) Naphthalene	15.14	128	63822	6.29	ug/l	97

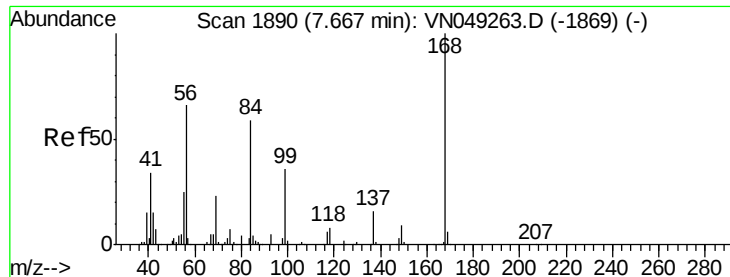
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049294.D

Acq: 16 Jun 2018 7:17

Instrument :

MSVOA_N

ClientSampleId :

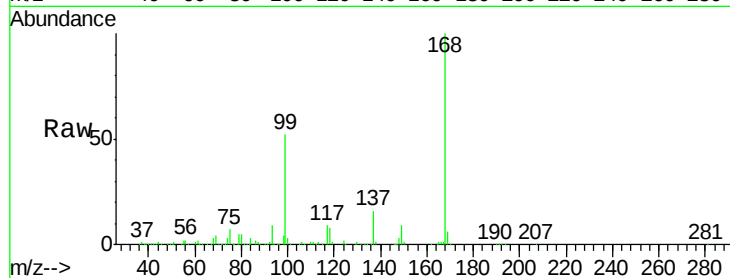
SB-51COMP

Tot Ion:168 Resp: 1329848

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

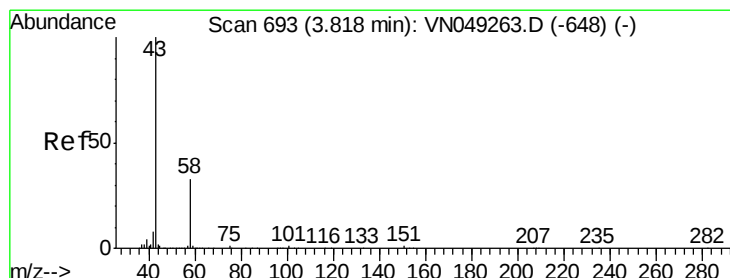
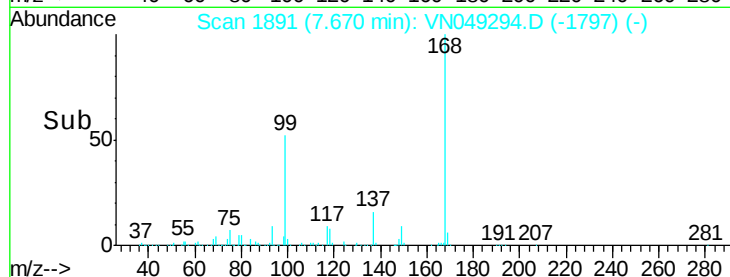
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.29 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049294.D

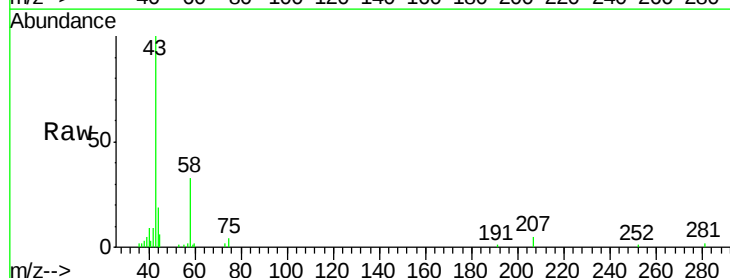
Acq: 16 Jun 2018 7:17

Tgt Ion: 43 Resp: 44056

Ion Ratio Lower Upper

43 100

58 33.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.83

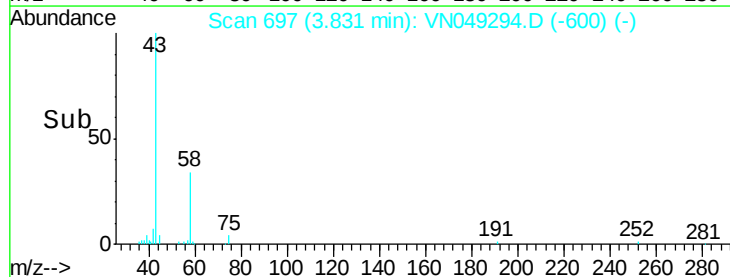
15000

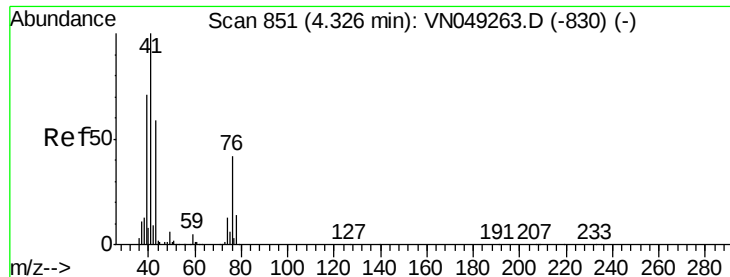
10000

5000

0

Time--> 3.75 3.80 3.85 3.90

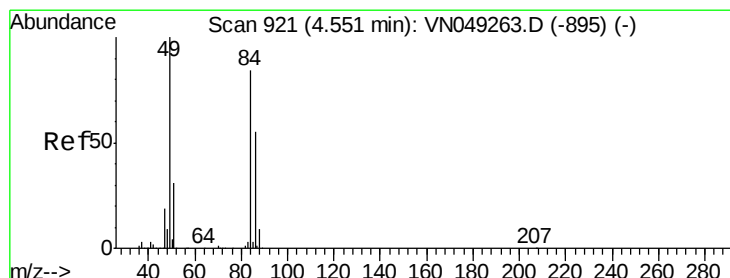
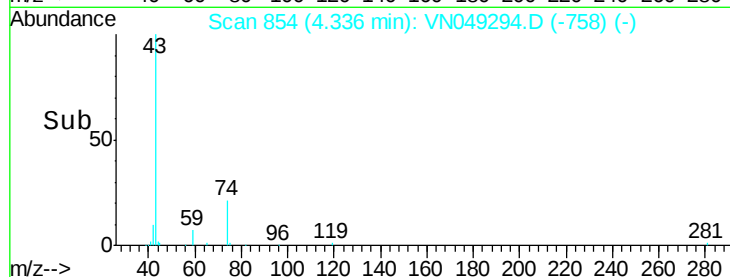
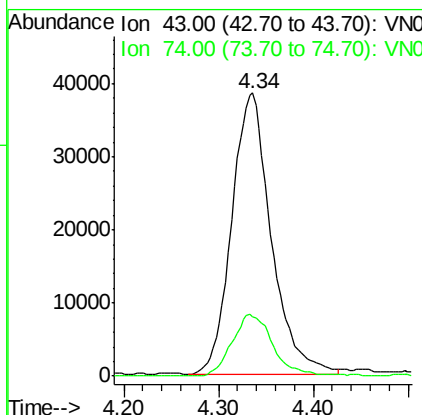
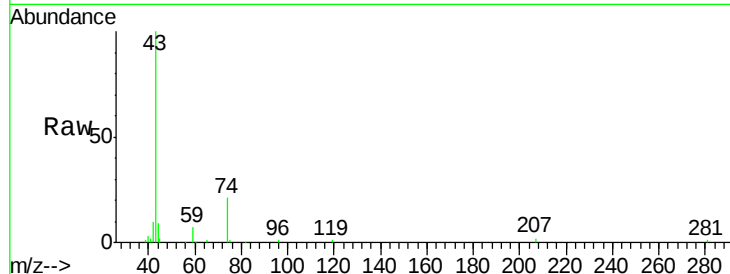




#18
Methvl Acetate
Concen: 8.59 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049294.D
Acq: 16 Jun 2018 7:17

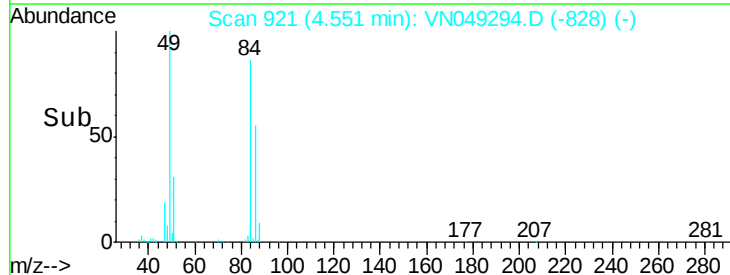
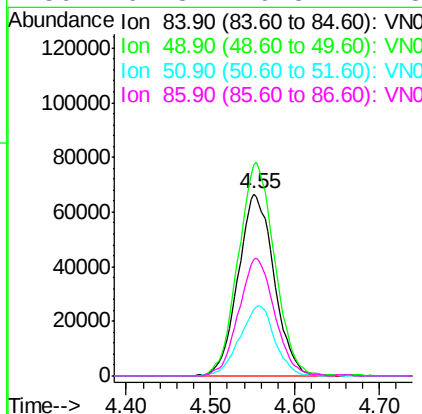
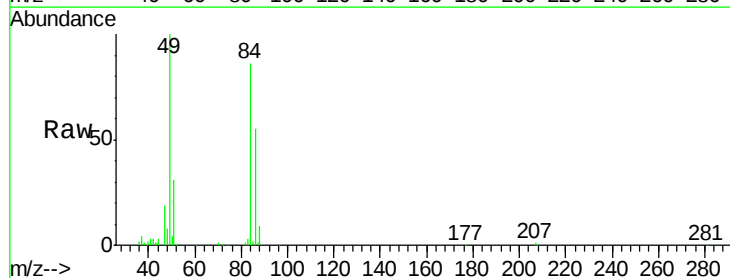
Instrument :
MSVOA_N
ClientSampleId :
SB-51COMP

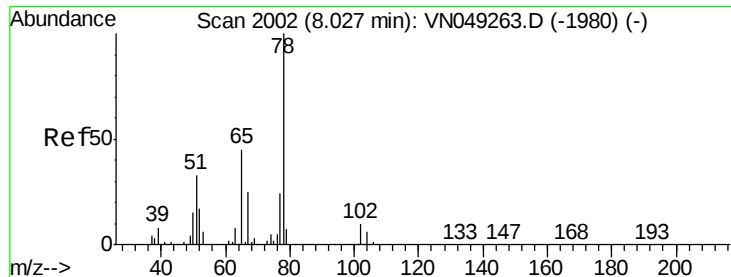
Tot Ion: 43 Resp: 112129
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 11.07 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049294.D
Acq: 16 Jun 2018 7:17

Tgt Ion: 84 Resp: 197963
Ion Ratio Lower Upper
84 100
49 116.0 106.9 160.3
51 36.3 32.7 49.1
86 64.3 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 50.47 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049294.D

Acq: 16 Jun 2018 7:17

Instrument :

MSVOA_N

ClientSampleId :

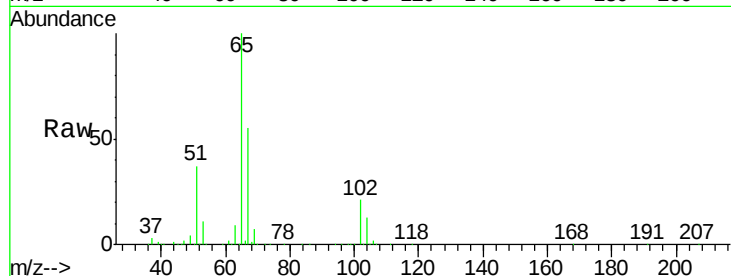
SB-51COMP

Tot Ion: 65 Resp: 890250

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049294.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049294.D (-1909) (-)

8.03

400000

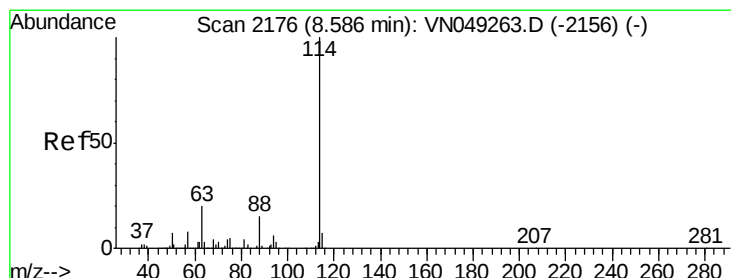
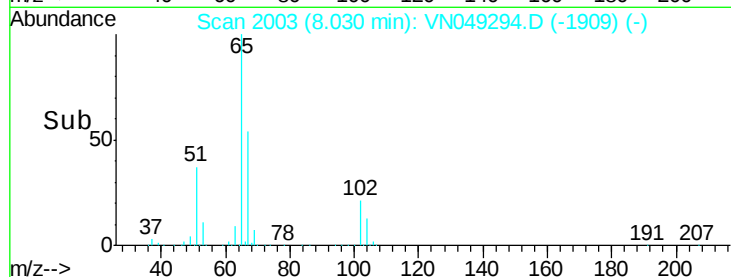
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049294.D

Acq: 16 Jun 2018 7:17

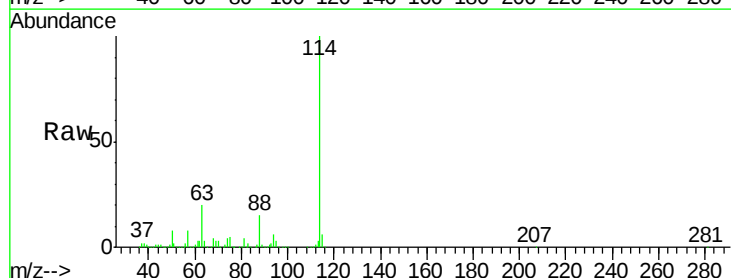
Tgt Ion: 114 Resp: 2113124

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

88 15.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049294.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049294.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049294.D (-2083) (-)

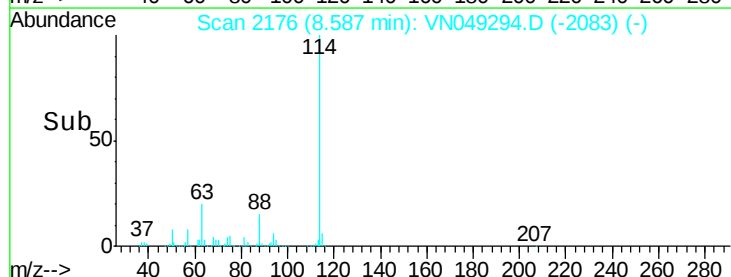
8.59

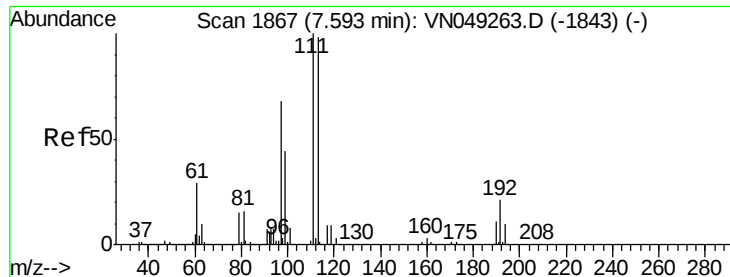
1000000

500000

0

Time-->

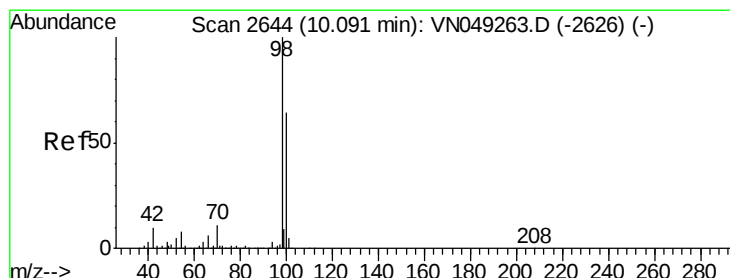
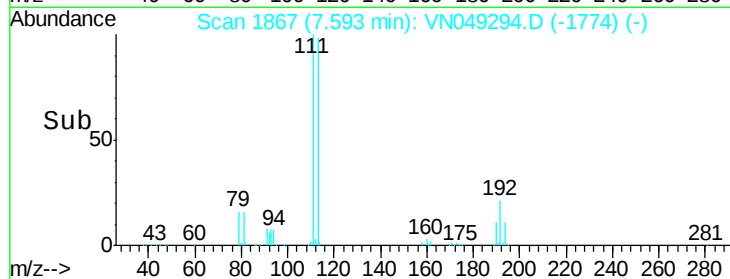
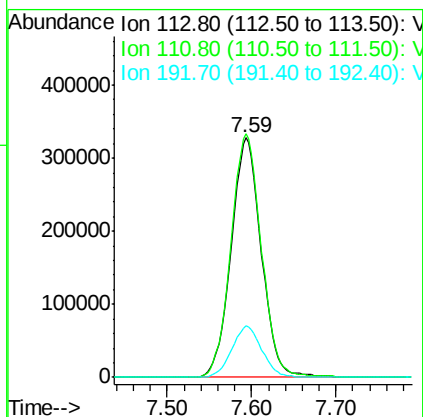
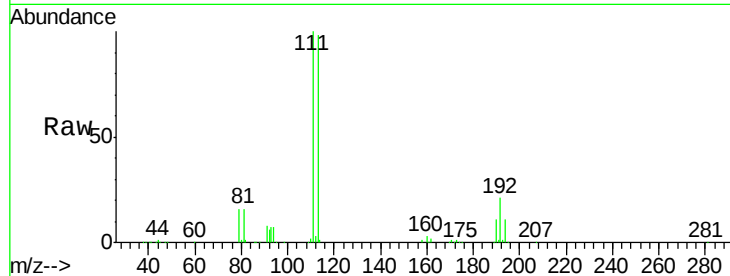




#35
 Dibromofluoromethane
 Concen: 47.67 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049294.D
 Acq: 16 Jun 2018 7:17

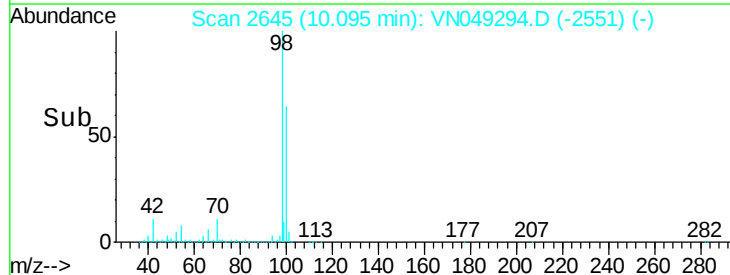
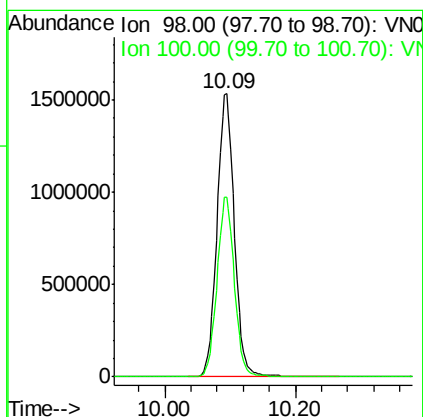
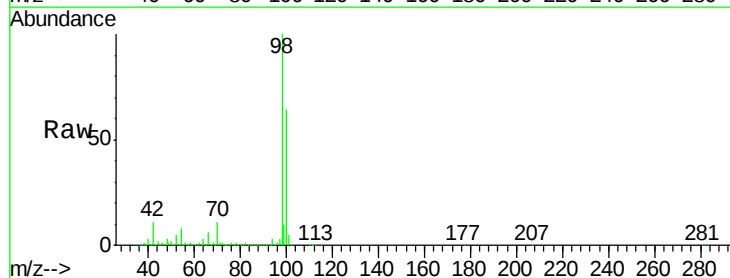
Instrument :
 MSVOA_N
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 SB-51COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	21.3	15.0	22.6



#50
 Toluene-d8
 Concen: 43.67 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049294.D
 Acq: 16 Jun 2018 7:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.8

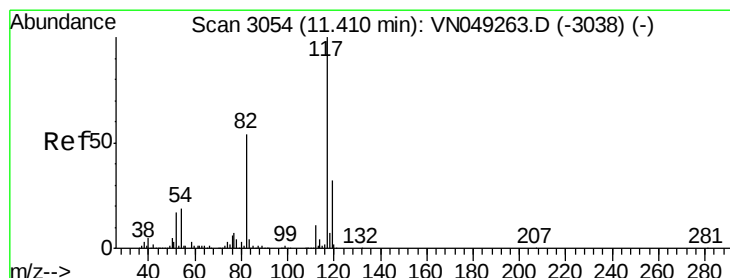
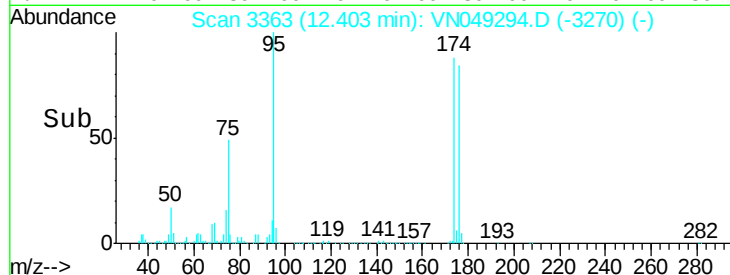
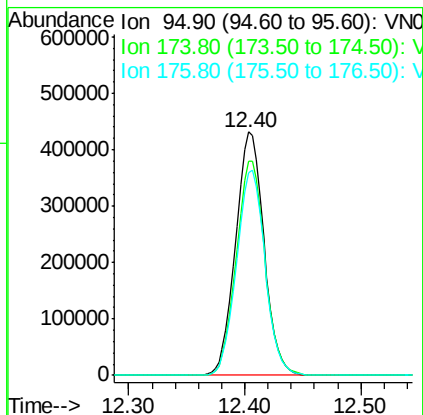
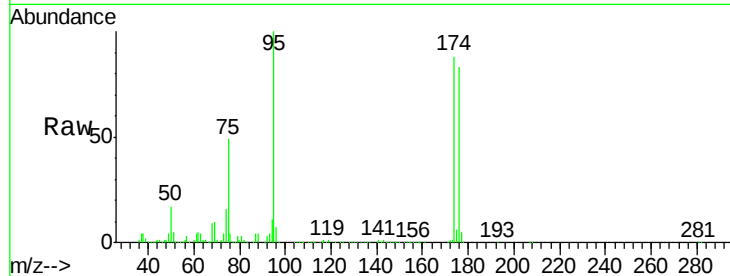




#62
4-Bromofluorobenzene
Concen: 33.89 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049294.D
Acq: 16 Jun 2018 7:17

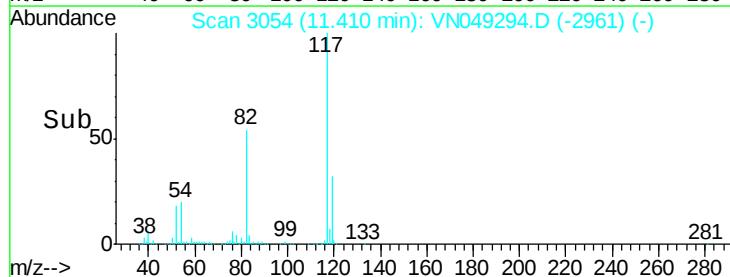
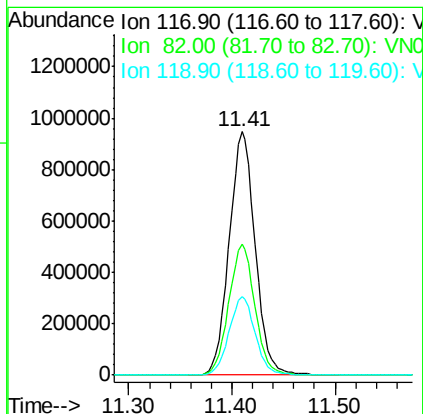
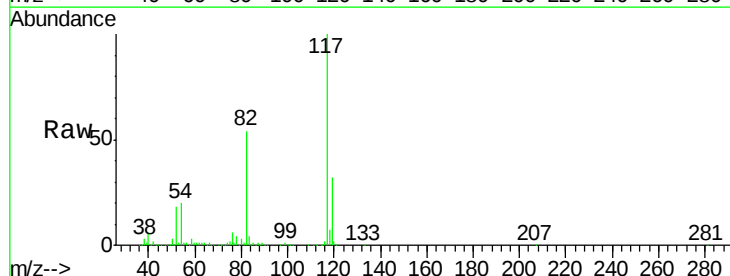
Instrument :
MSVOA_N
ClientSampleId :
SB-51COMP

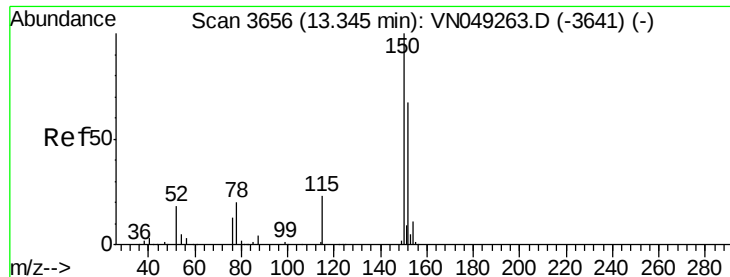
Tot Ion: 95 Resp: 729376
Ion Ratio Lower Upper
95 100
174 88.9 0.0 165.6
176 84.7 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049294.D
Acq: 16 Jun 2018 7:17

Tgt Ion: 117 Resp: 1666340
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.2 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: VN049294.D

Acq: 16 Jun 2018 7:17

Instrument :

MSVOA_N

ClientSampleId :

SB-51COMP

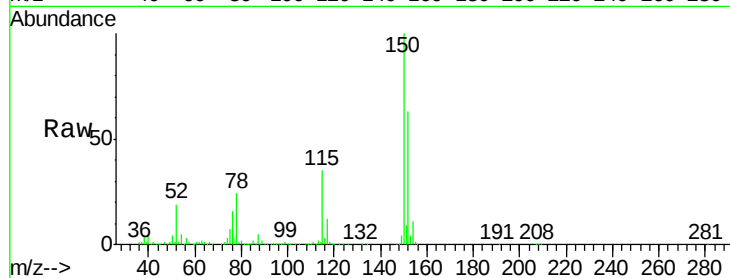
Tot Ion:152 Resp: 540934

Ion Ratio Lower Upper

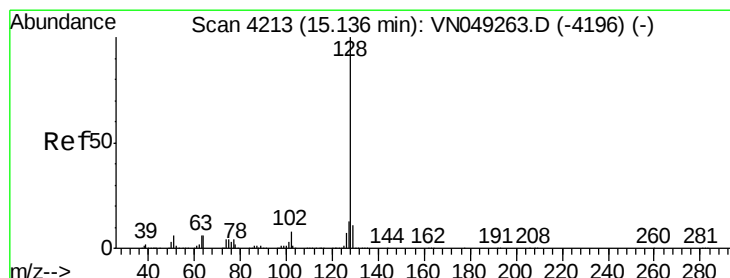
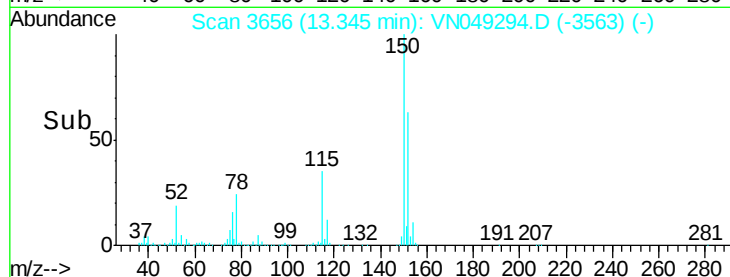
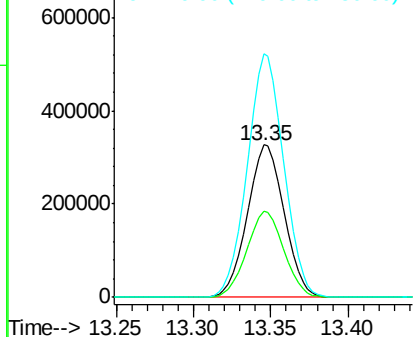
152 100

115 56.9 28.7 86.1

150 158.7 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



#95

Naphthalene

Concen: 6.29 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049294.D

Acq: 16 Jun 2018 7:17

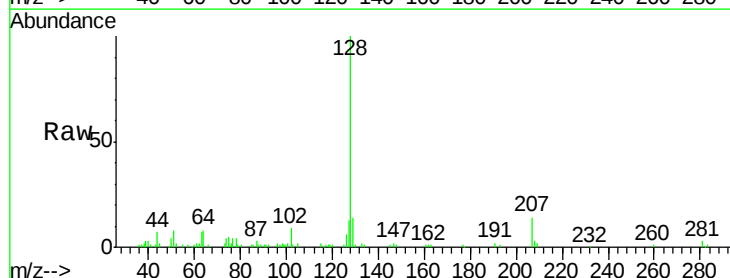
Tgt Ion:128 Resp: 63822

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 8.6 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

