

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049295.D
 Acq On : 16 Jun 2018 7:43
 Operator : MD\SY
 Sample : J3505-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-56-COMP

Quant Time: Jun 18 04:43:28 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	1348432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2145493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1675748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	538305	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	882414	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	783584	45.14	ug/l	0.00
Spiked Amount			Recovery	=	90.28%	
50) Toluene-d8	10.09	98	2912439	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
62) 4-Bromofluorobenzene	12.40	95	715724	32.75	ug/l	0.00
Spiked Amount			Recovery	=	65.50%	

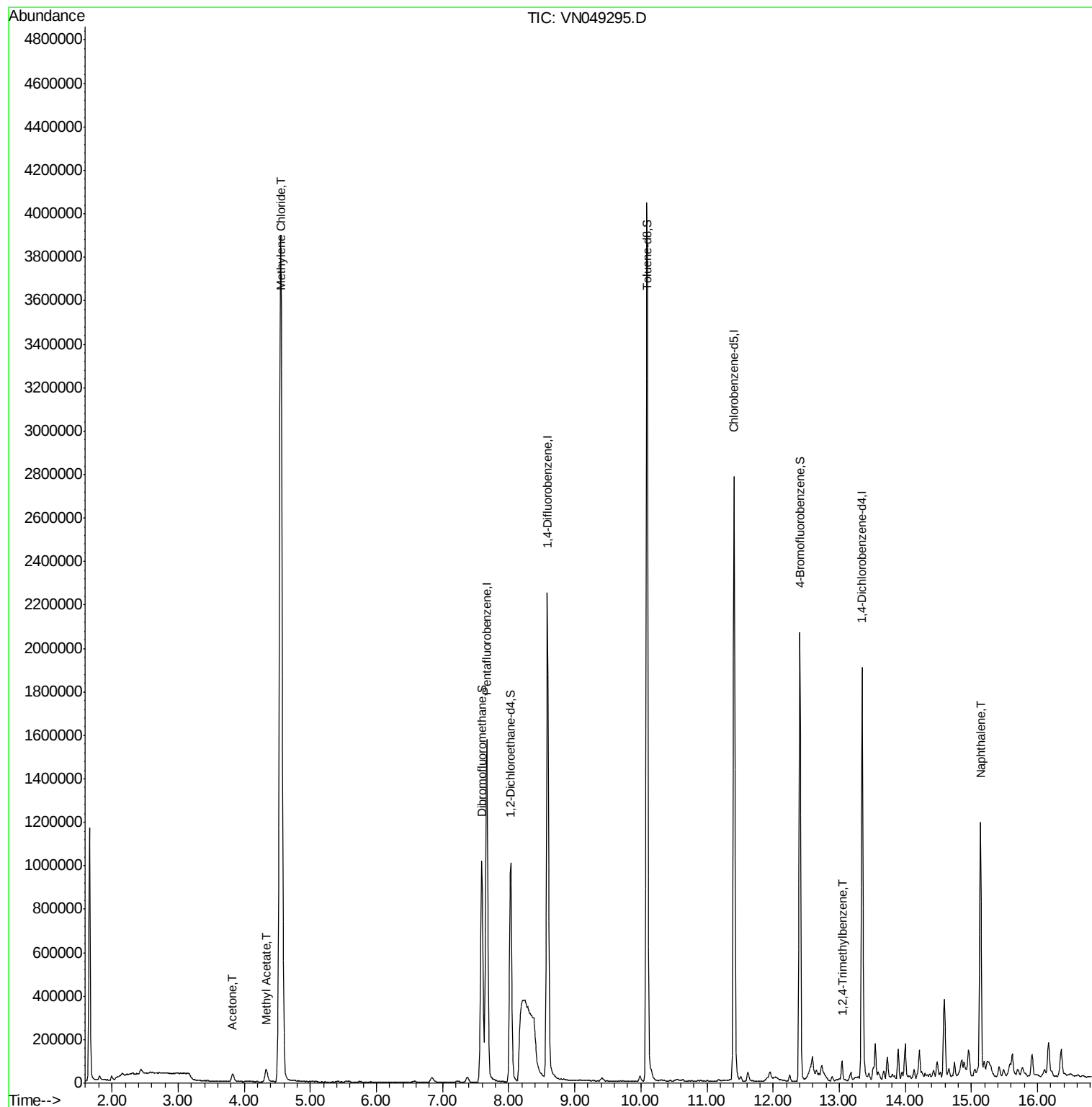
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	59590	13.72	ug/l	90
18) Methyl Acetate	4.33	43	113487	8.57	ug/l	93
20) Methylene Chloride	4.55	84	2987838	164.74	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	47820	1.30	ug/l	98
95) Naphthalene	15.14	128	1019438	60.17	ug/l	99

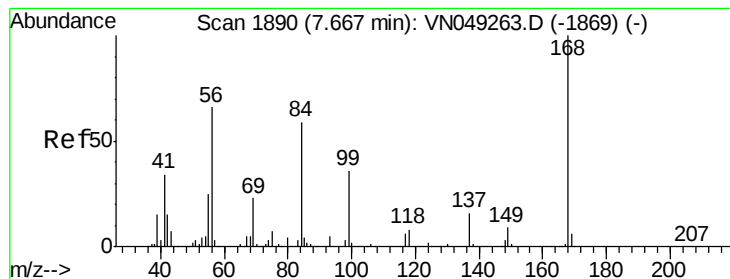
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
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: VN049295.D

Acq: 16 Jun 2018 7:43

Instrument :

MSVOA_N

ClientSampleId :

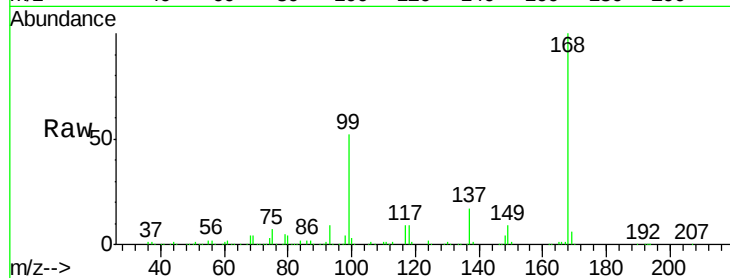
SB-56-COMP

Tot Ion:168 Resp: 1348432

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): VN

7.67

600000

500000

400000

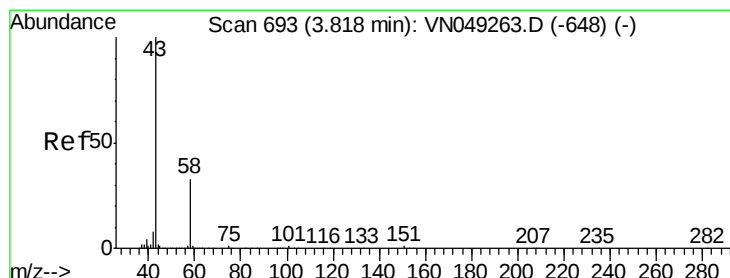
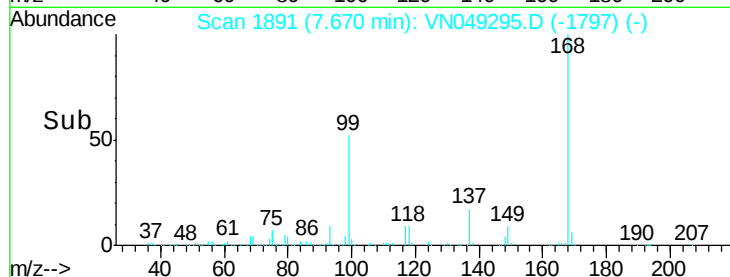
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.72 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049295.D

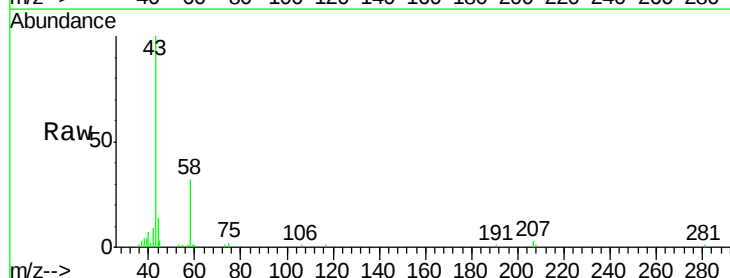
Acq: 16 Jun 2018 7:43

Tgt Ion: 43 Resp: 59590

Ion Ratio Lower Upper

43 100

58 33.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

25000

20000

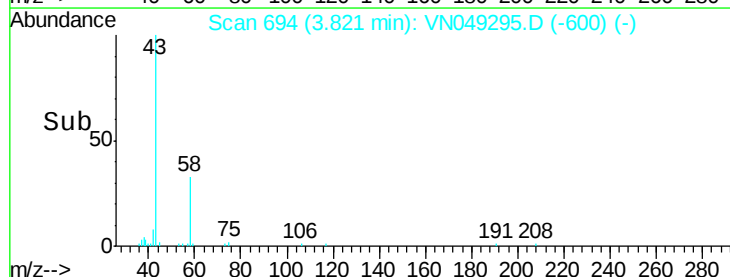
15000

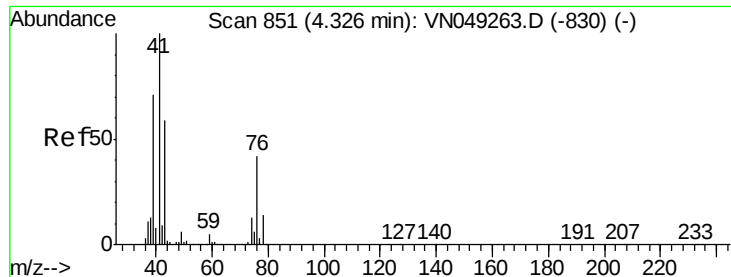
10000

5000

0

Time-->





#18

Methvl Acetate

Concen: 8.57 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049295.D

Acq: 16 Jun 2018 7:43

Instrument :

MSVOA_N

ClientSampleId :

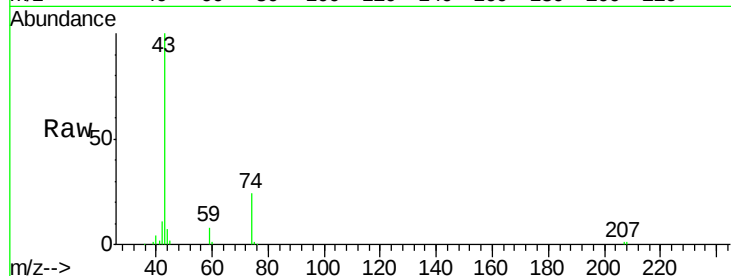
SB-56-COMP

Tot Ion: 43 Resp: 113487

Ion Ratio Lower Upper

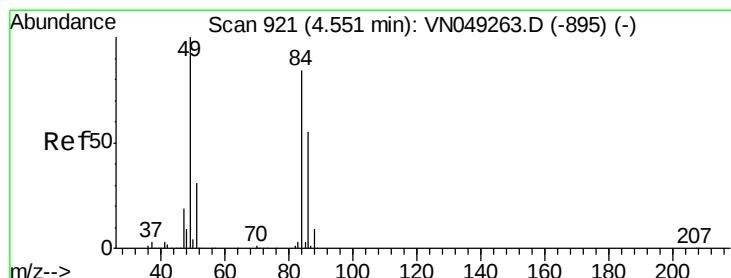
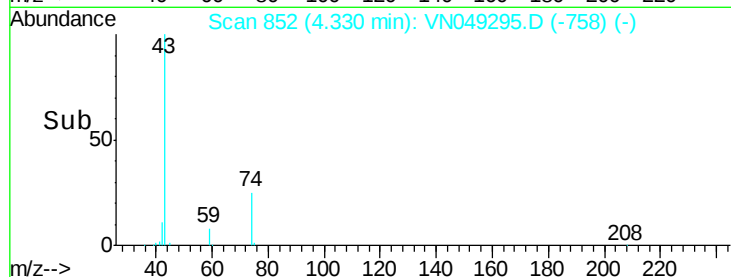
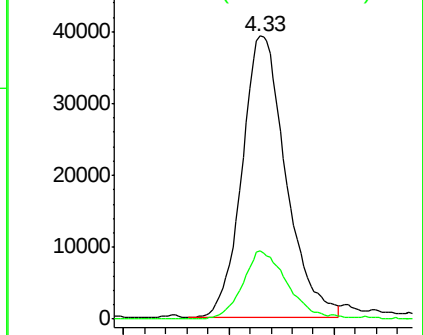
43 100

74 24.8 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 164.74 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049295.D

Acq: 16 Jun 2018 7:43

Tgt Ion: 84 Resp: 2987838

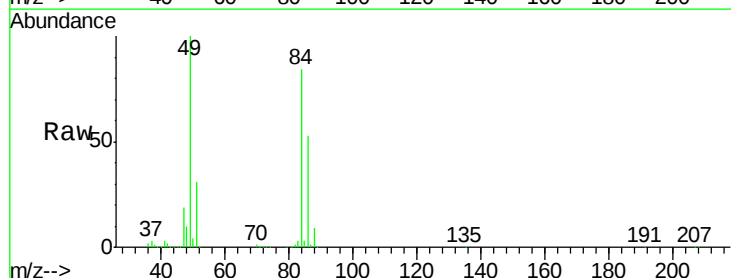
Ion Ratio Lower Upper

84 100

49 118.7 106.9 160.3

51 36.8 32.7 49.1

86 63.3 49.8 74.8

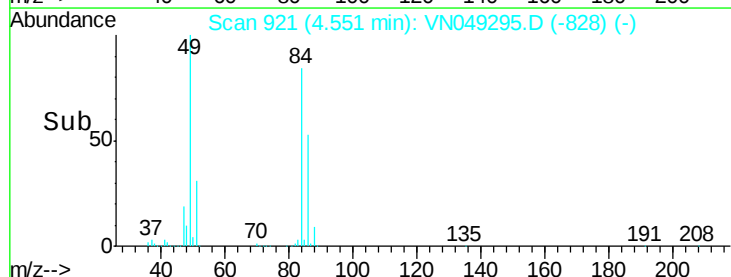
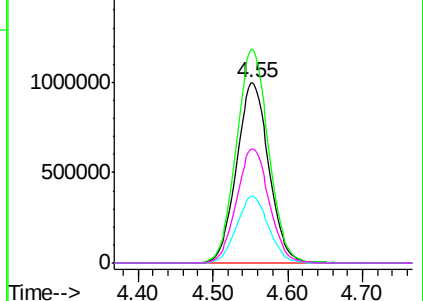


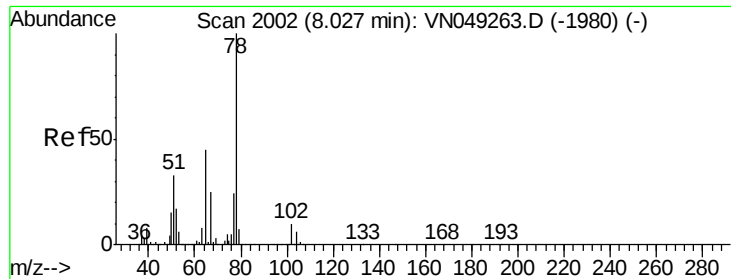
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

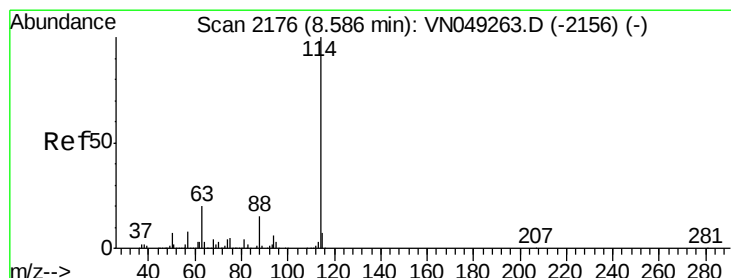
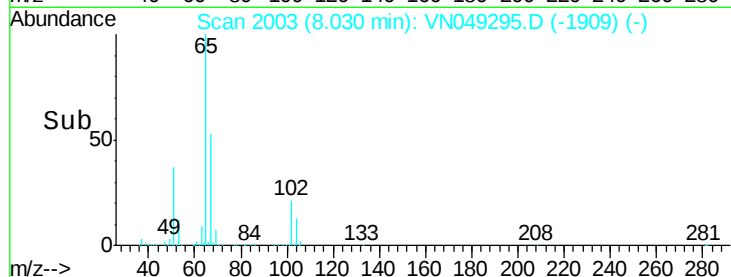
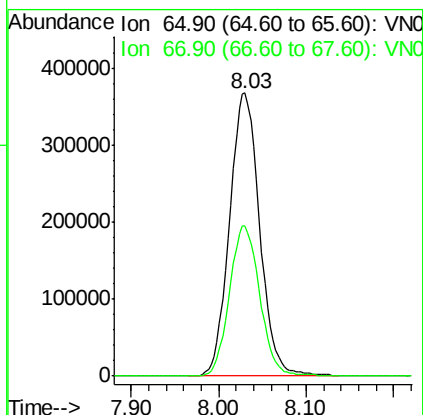
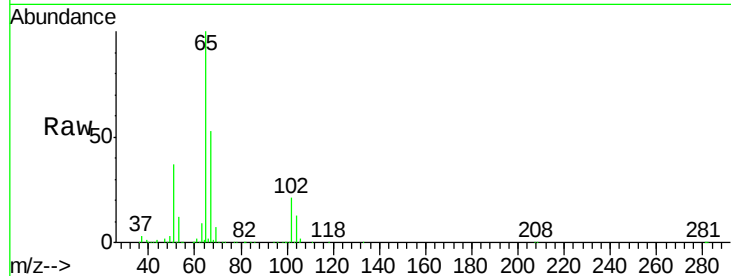




#33
 1,2-Dichloroethane-d4
 Concen: 49.34 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049295.D
 Acq: 16 Jun 2018 7:43

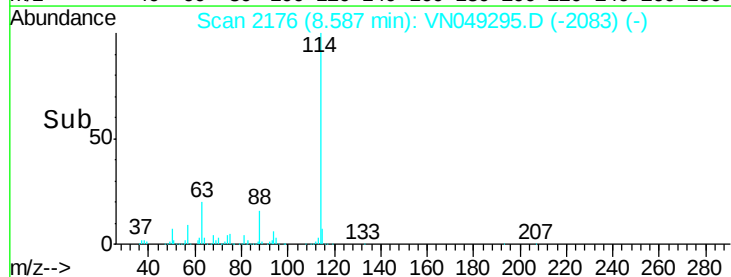
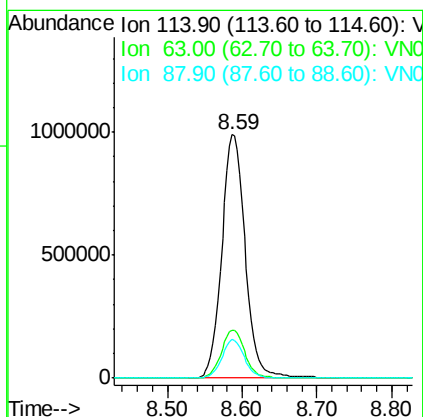
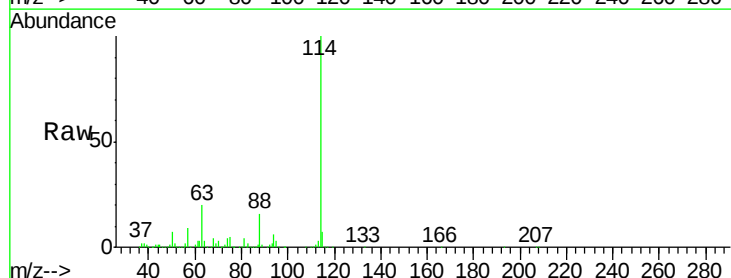
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-56-COMP

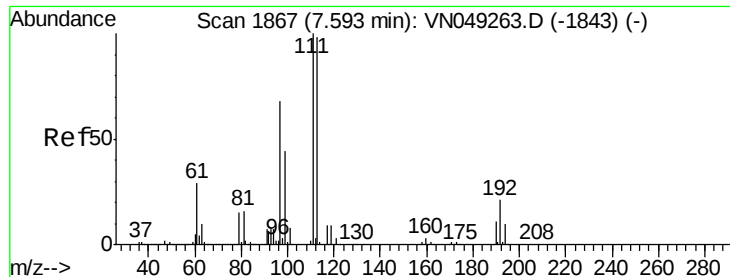
Tot Ion: 65 Resp: 882414
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049295.D
 Acq: 16 Jun 2018 7:43

Tgt Ion: 114 Resp: 2145493
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.7 0.0 31.4

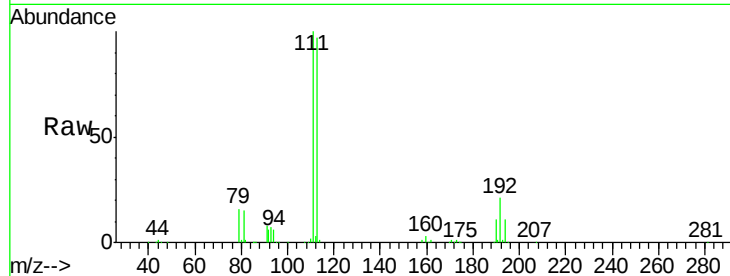




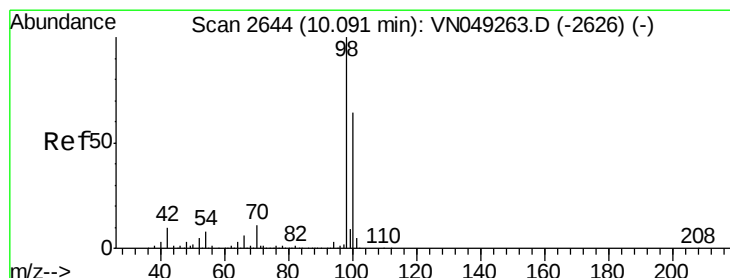
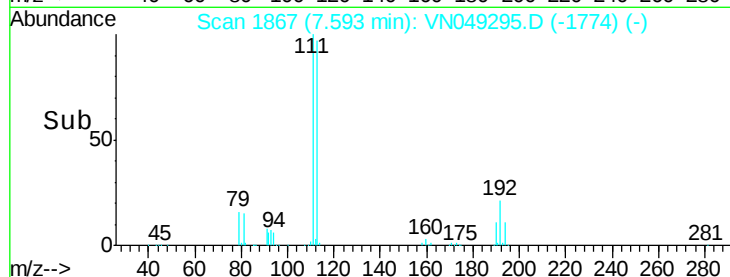
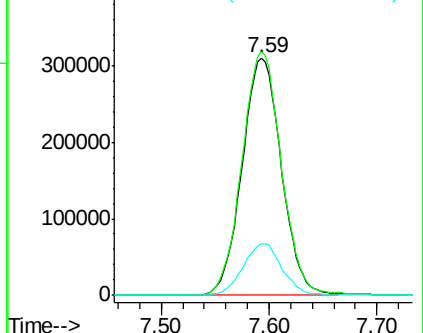
#35
Dibromofluoromethane
Concen: 45.14 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049295.D
Acq: 16 Jun 2018 7:43

Instrument :
MSVOA_N
ClientSampleId :
SB-56-COMP

Tot Ion:113 Resp: 783584
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 21.8 15.0 22.6

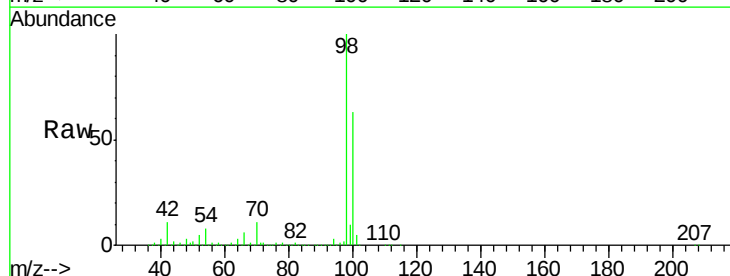


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

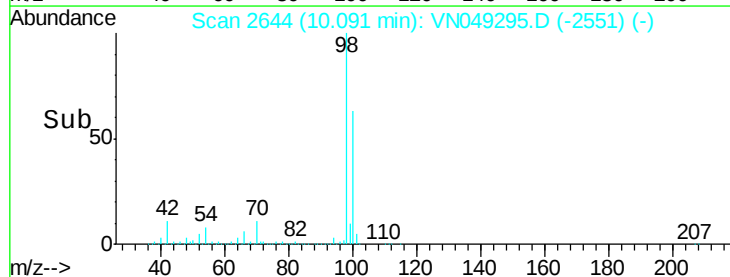
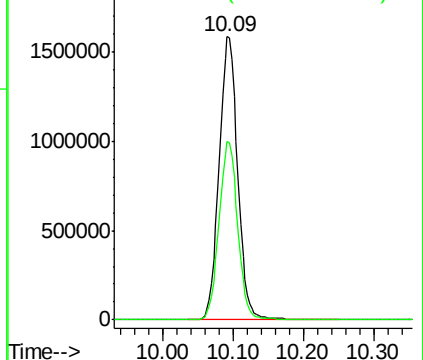


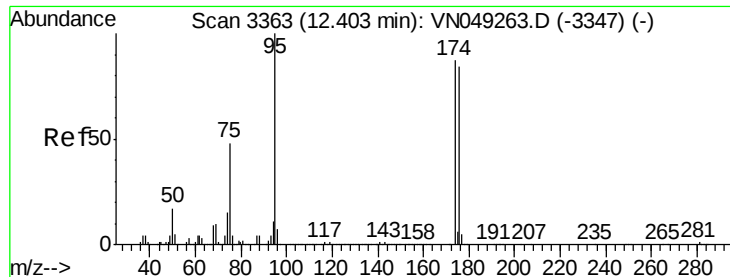
#50
Toluene-d8
Concen: 44.07 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049295.D
Acq: 16 Jun 2018 7:43

Tgt Ion: 98 Resp: 2912439
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V

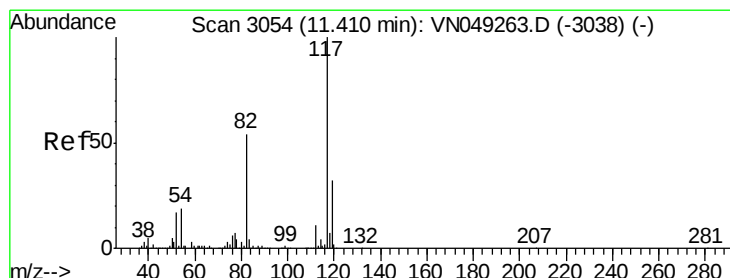
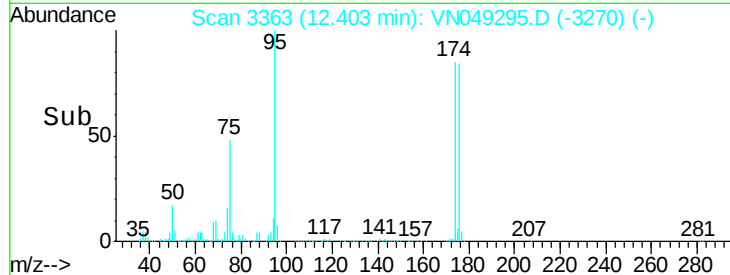
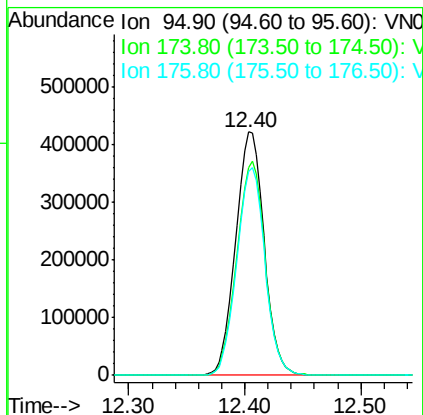
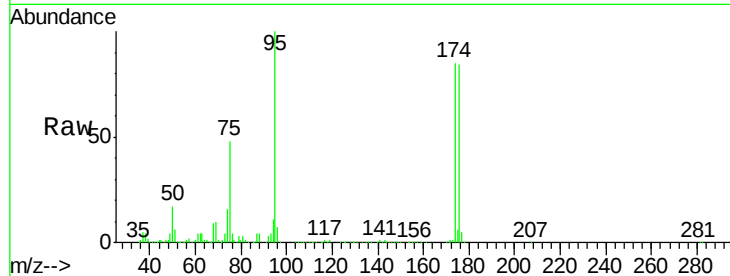




#62
4-Bromofluorobenzene
Concen: 32.75 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049295.D
Acq: 16 Jun 2018 7:43

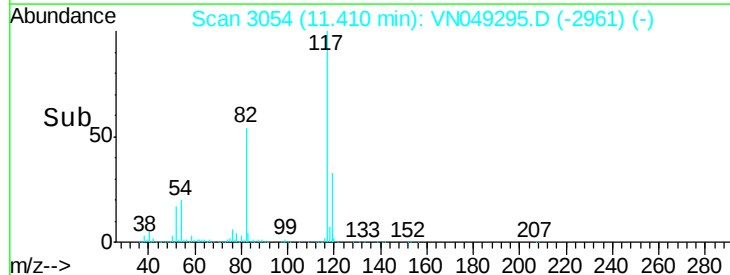
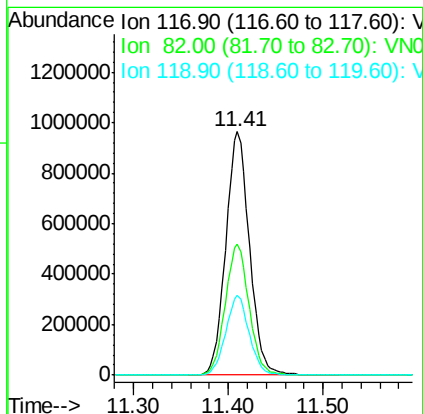
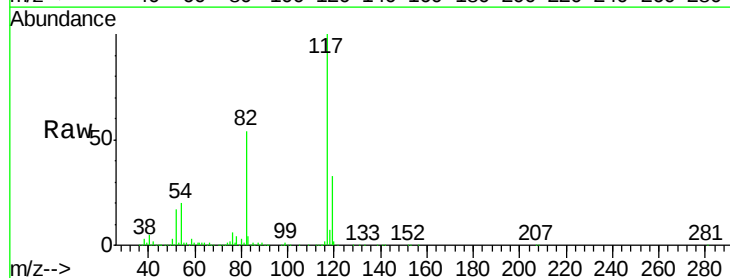
Instrument :
MSVOA_N
ClientSampled :
SB-56-COMP

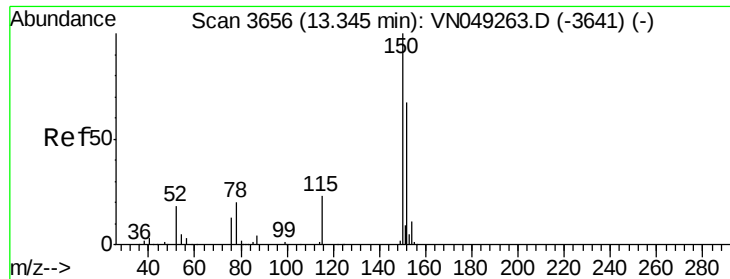
Tot Ion: 95 Resp: 715724
Ion Ratio Lower Upper
95 100
174 87.7 0.0 165.6
176 84.6 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049295.D
Acq: 16 Jun 2018 7:43

Tgt Ion: 117 Resp: 1675748
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.6 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: VN049295.D

Acq: 16 Jun 2018 7:43

Instrument :

MSVOA_N

ClientSampleId :

SB-56-COMP

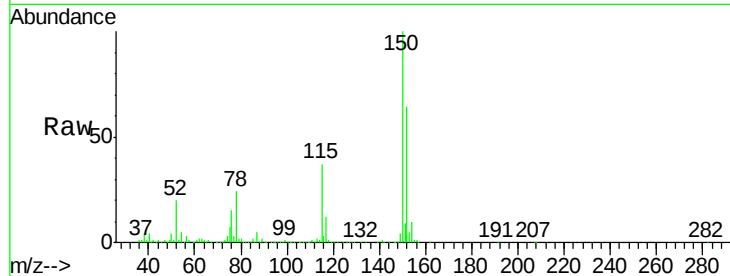
Tot Ion:152 Resp: 538305

Ion Ratio Lower Upper

152 100

115 58.3 28.7 86.1

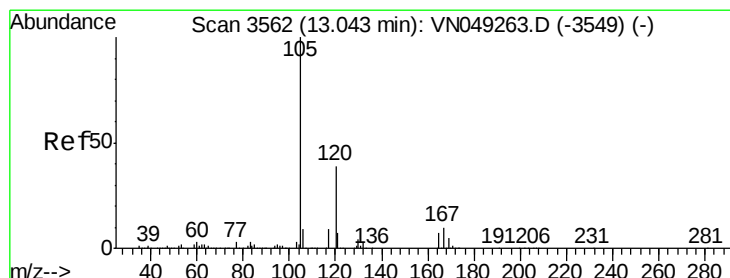
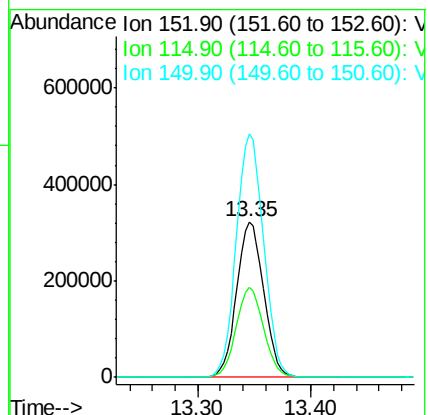
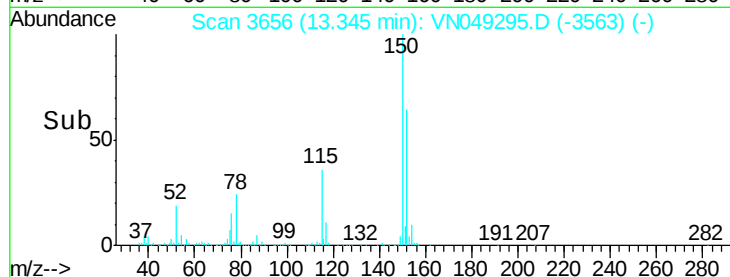
150 157.8 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.30 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049295.D

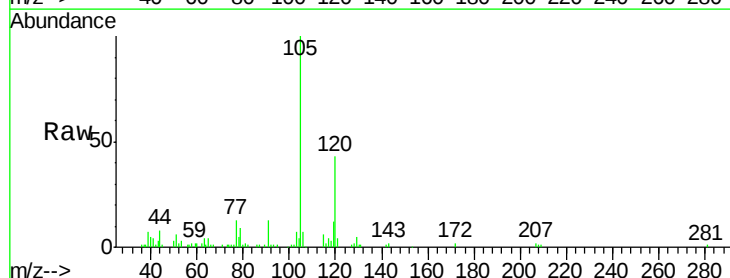
Acq: 16 Jun 2018 7:43

Tgt Ion:105 Resp: 47820

Ion Ratio Lower Upper

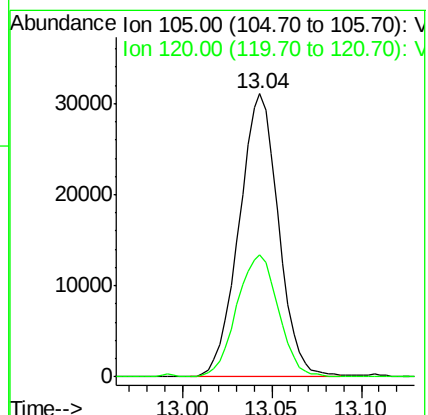
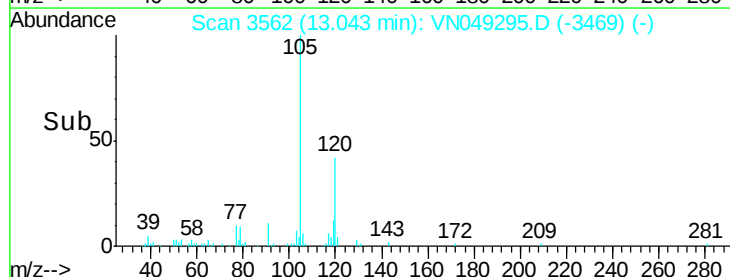
105 100

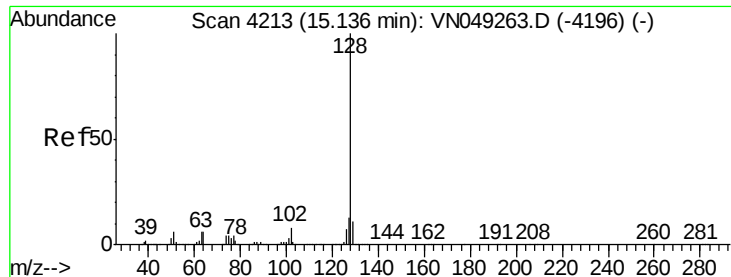
120 45.5 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

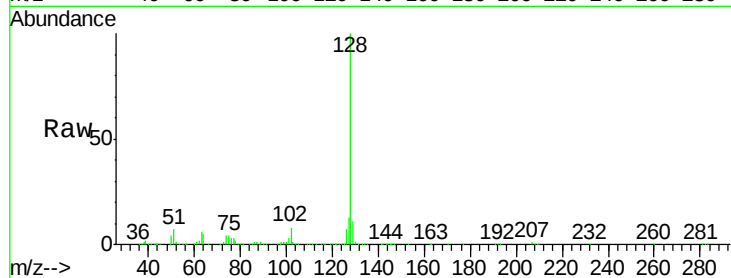




#95
Naphthalene
Concen: 60.17 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049295.D
Acq: 16 Jun 2018 7:43

Instrument :
MSVOA_N
ClientSampleId :
SB-56-COMP

Tot Ion:128 Resp: 1019438
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.3 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

