

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049596.D
 Acq On : 28 Jun 2018 17:59
 Operator : MD\SY
 Sample : J3715-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-SIDEWALK-CON

Quant Time: Jun 29 03:33:59 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	1093418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1764170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1453940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	569977	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	736474	50.78	ug/l	0.00
Spiked Amount						
			Recovery	=	101.56%	
35) Dibromofluoromethane	7.59	113	651457	45.64	ug/l	0.00
Spiked Amount						
			Recovery	=	91.28%	
50) Toluene-d8	10.09	98	2353280	43.30	ug/l	0.00
Spiked Amount						
			Recovery	=	86.60%	
62) 4-Bromofluorobenzene	12.40	95	668391	37.20	ug/l	0.00
Spiked Amount						
			Recovery	=	74.40%	

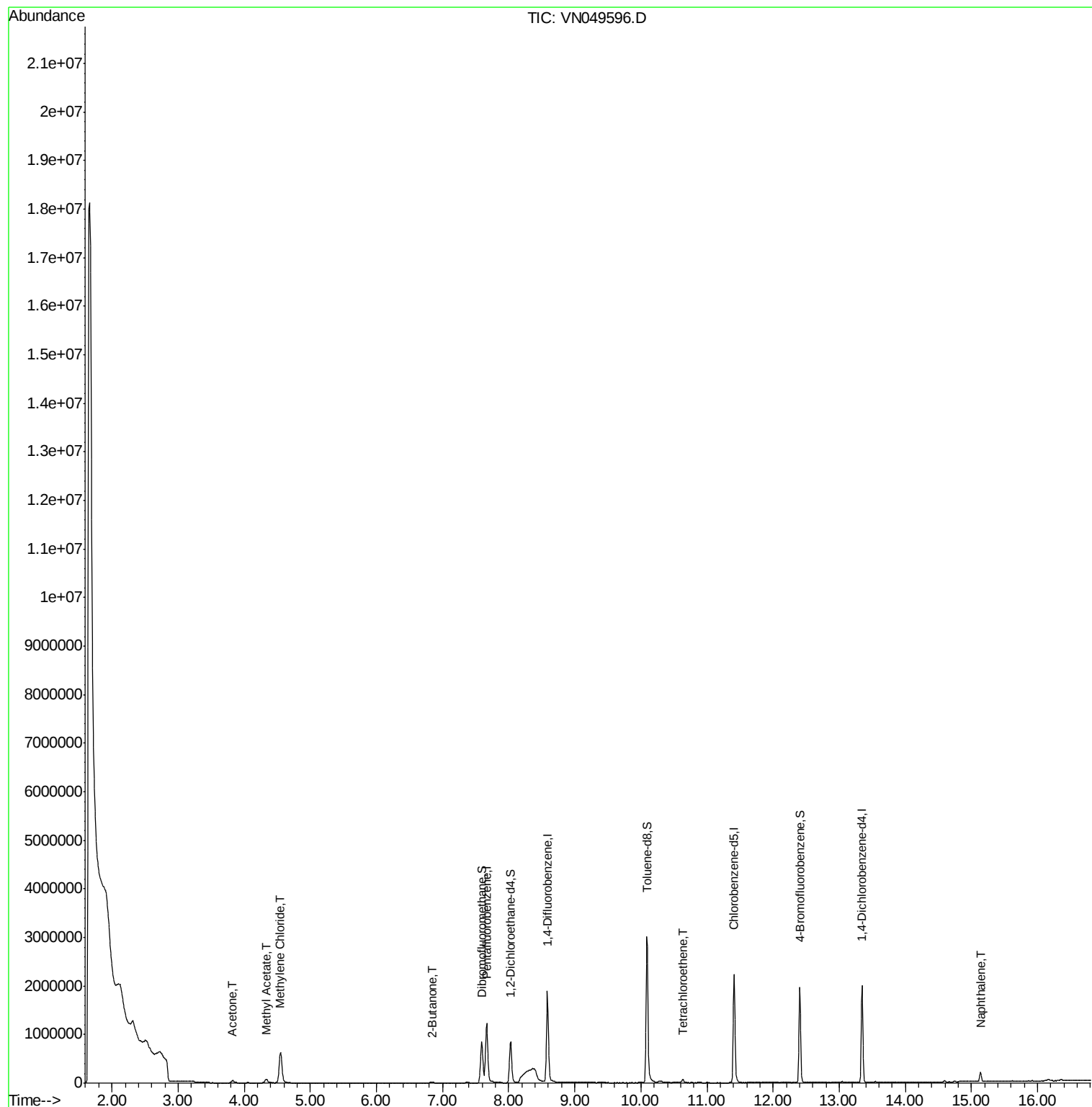
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	73988	21.01	ug/l #	89
18) Methyl Acetate	4.33	43	146141	13.61	ug/l	95
20) Methylene Chloride	4.55	84	484385	32.94	ug/l	90
25) 2-Butanone	6.85	43	12819	2.71	ug/l #	89
64) Tetrachloroethene	10.63	164	17546	1.18	ug/l	98
95) Naphthalene	15.14	128	171330	12.60	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# 1890

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

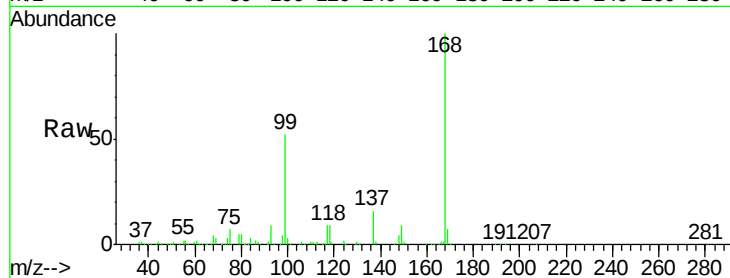
SS-SIDEWALK-CON

Tot Ion:168 Resp: 1093418

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

7.67

400000

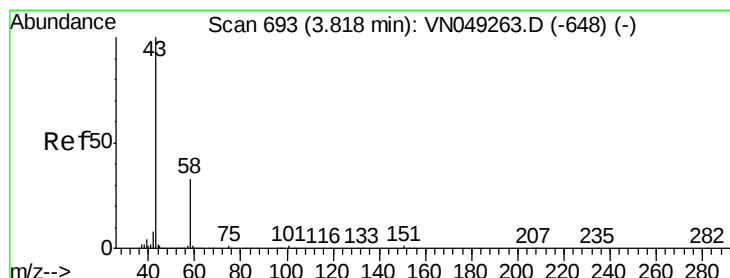
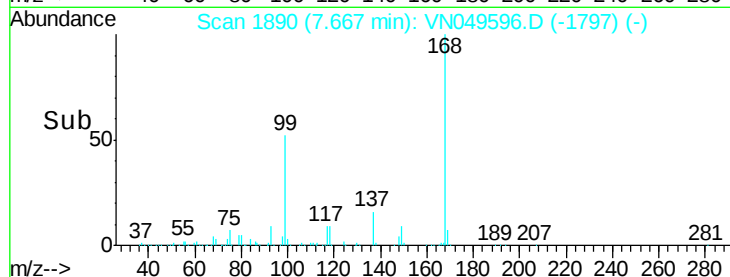
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 21.01 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049596.D

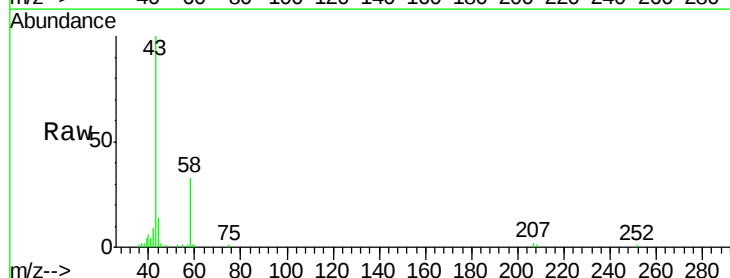
Acq: 28 Jun 2018 17:59

Tgt Ion: 43 Resp: 73988

Ion Ratio Lower Upper

43 100

58 34.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

30000

25000

20000

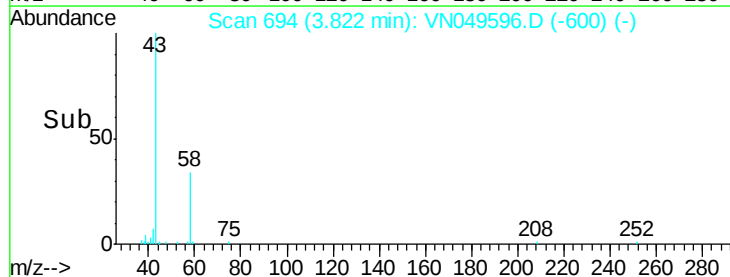
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10000

5000

0

Time-->

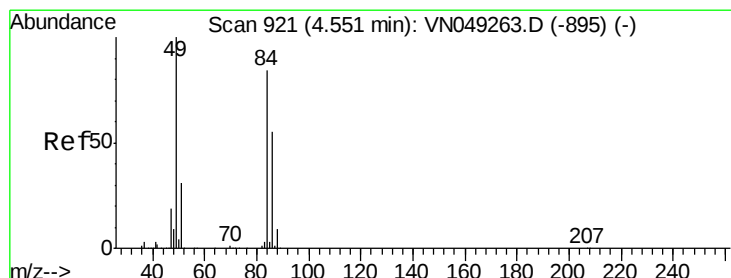
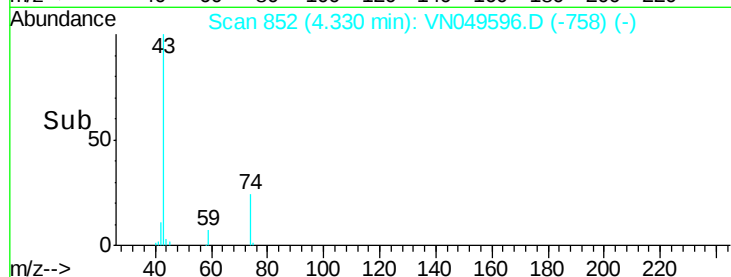
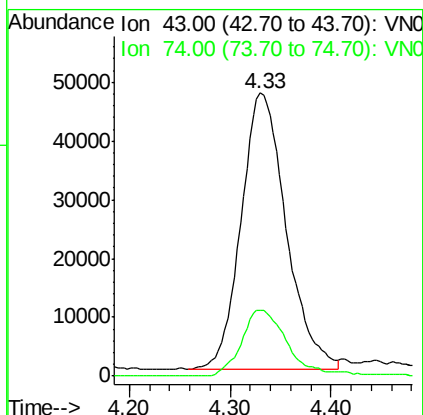
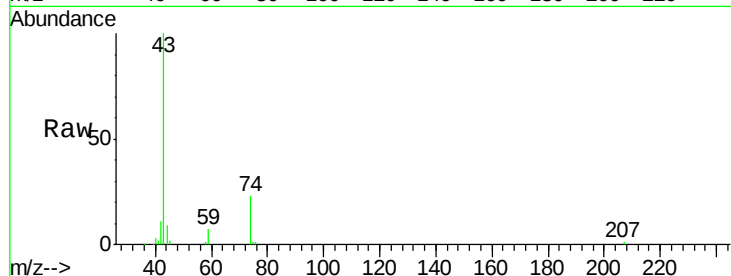




#18
Methvl Acetate
Concen: 13.61 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049596.D
Acq: 28 Jun 2018 17:59

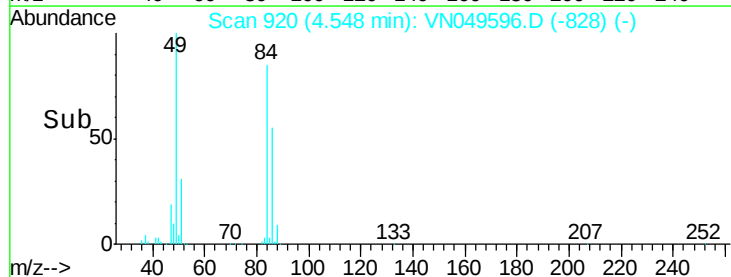
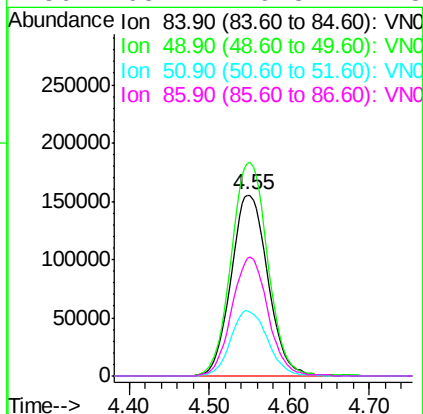
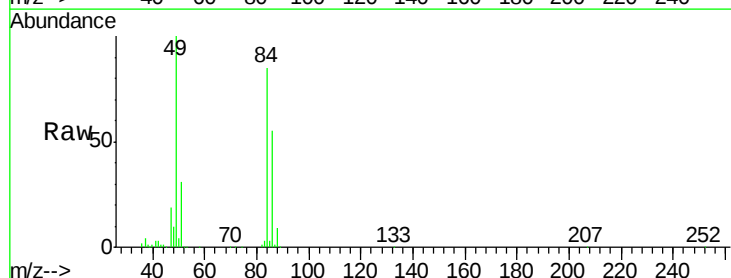
Instrument :
MSVOA_N
ClientSampleId :
SS-SIDEWALK-CON

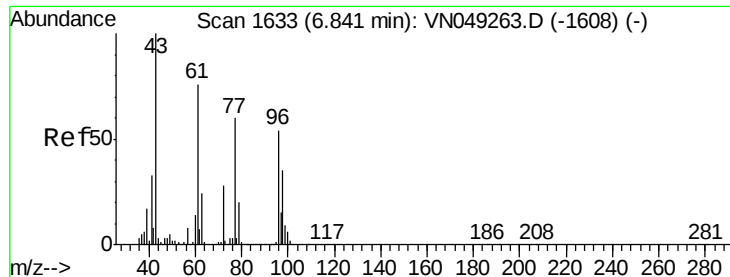
Tot Ion: 43 Resp: 146141
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 32.94 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049596.D
Acq: 28 Jun 2018 17:59

Tgt Ion: 84 Resp: 484385
Ion Ratio Lower Upper
84 100
49 117.8 106.9 160.3
51 36.5 32.7 49.1
86 65.2 49.8 74.8





#25

2-Butanone

Concen: 2.71 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

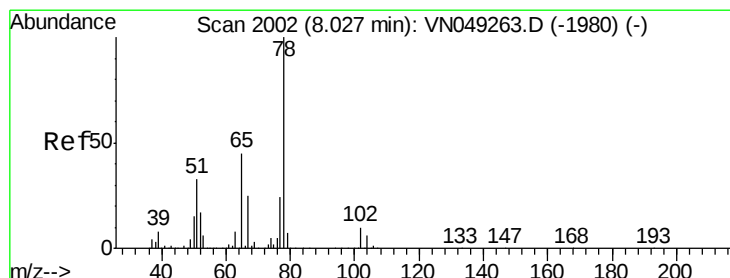
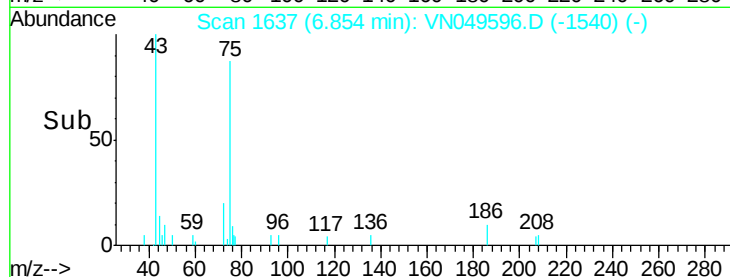
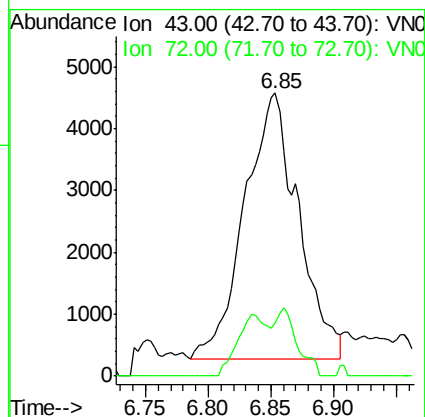
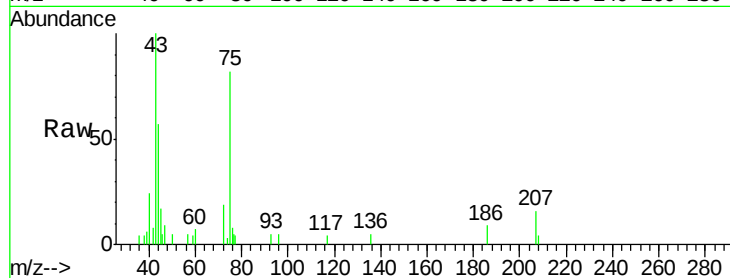
SS-SIDEWALK-CON

Tot Ion: 43 Resp: 12819

Ion Ratio Lower Upper

43 100

72 19.7 20.2 30.2#



#33

1,2-Dichloroethane-d4

Concen: 50.78 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049596.D

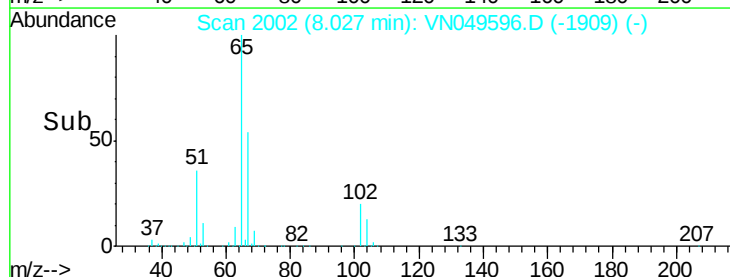
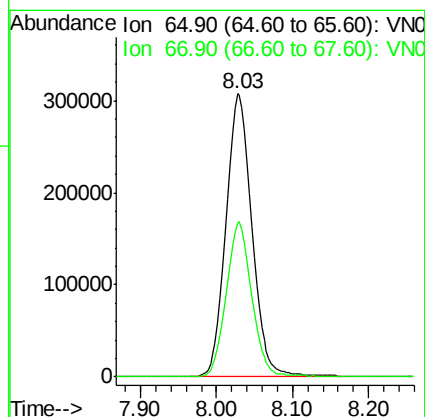
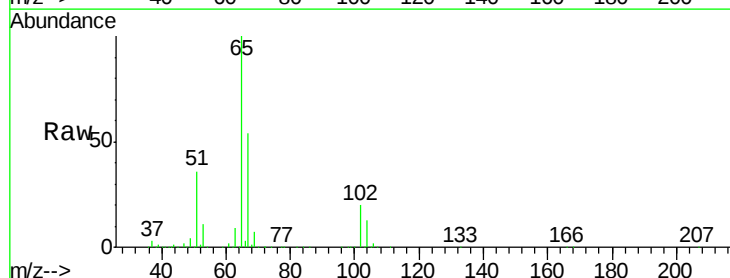
Acq: 28 Jun 2018 17:59

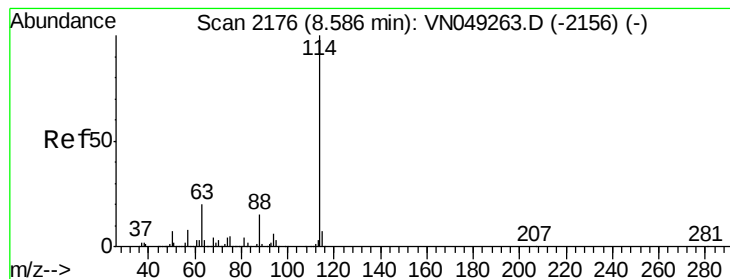
Tgt Ion: 65 Resp: 736474

Ion Ratio Lower Upper

65 100

67 53.4 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: VN049596.D

Acq: 28 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

SS-SIDEWALK-CON

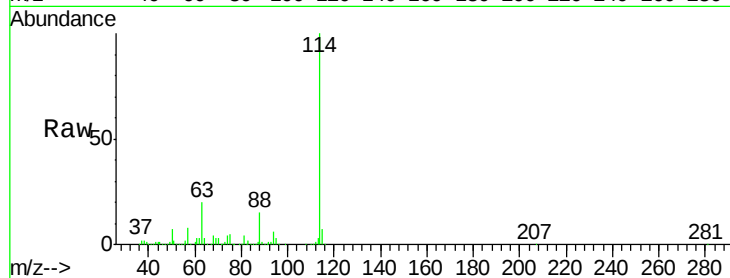
Tot Ion:114 Resp: 1764170

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.4

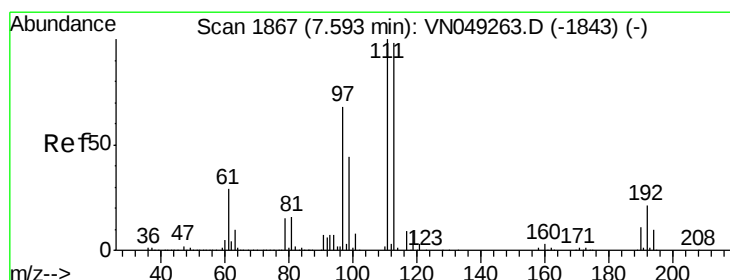
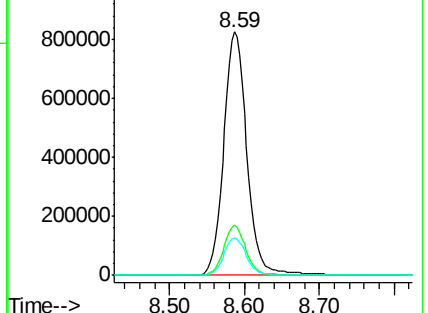
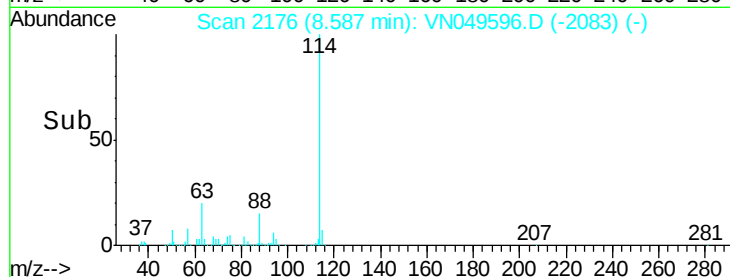
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.64 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

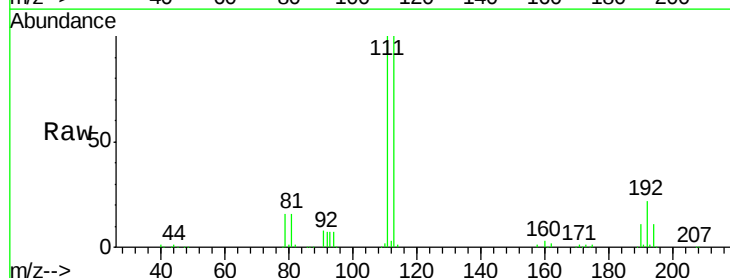
Tgt Ion:113 Resp: 651457

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

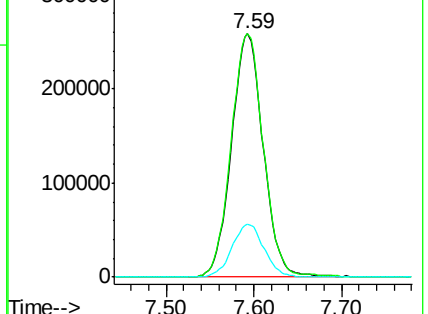
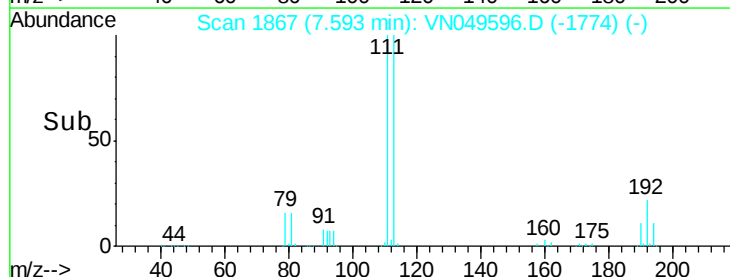
192 22.0 15.0 22.6

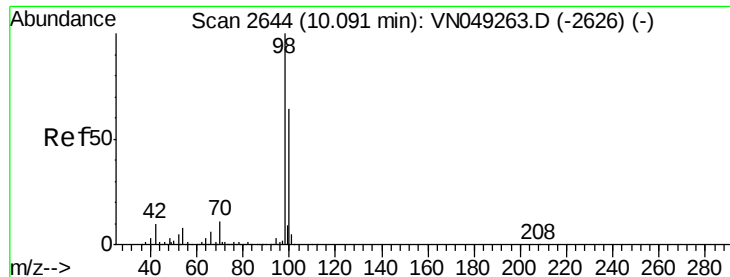


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.30 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

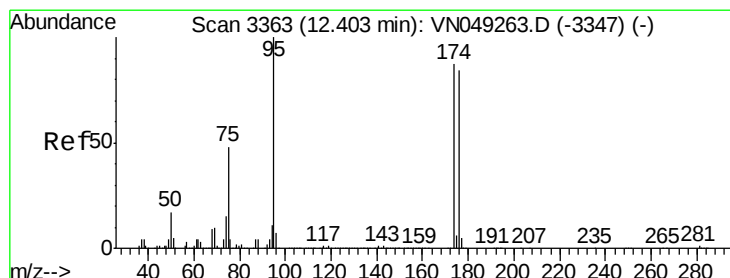
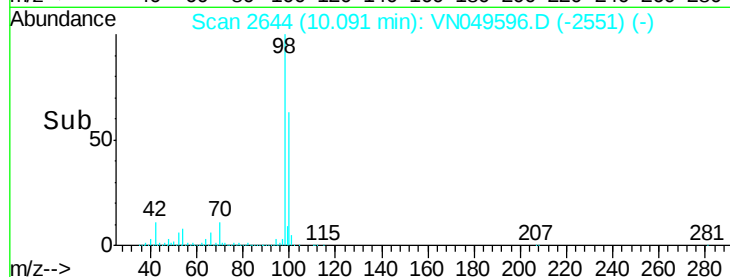
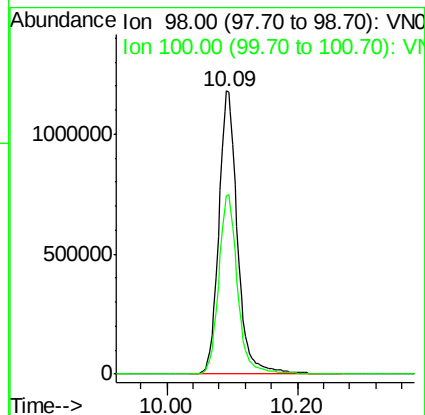
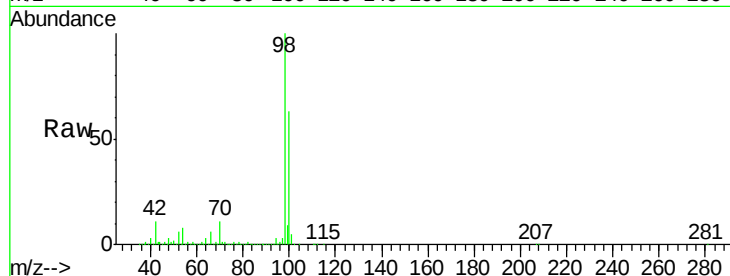
SS-SIDEWALK-CON

Tot Ion: 98 Resp: 2353280

Ion Ratio Lower Upper

98 100

100 63.9 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 37.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

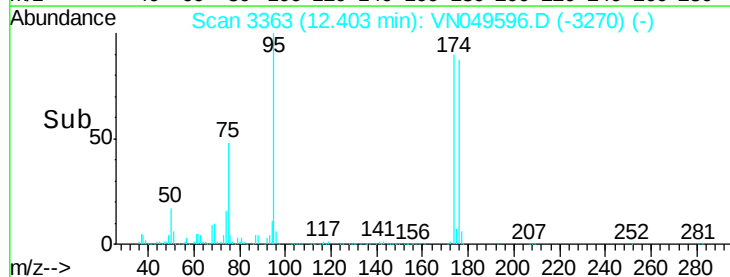
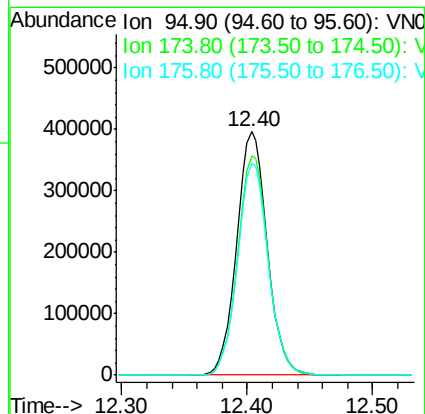
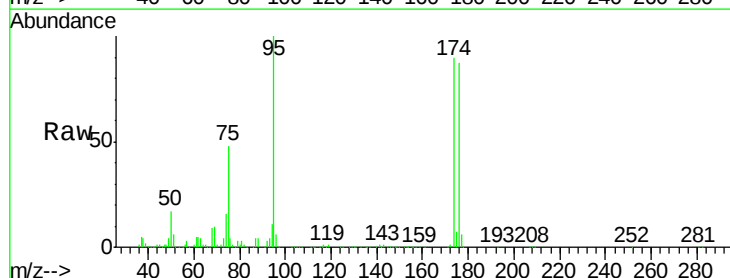
Tgt Ion: 95 Resp: 668391

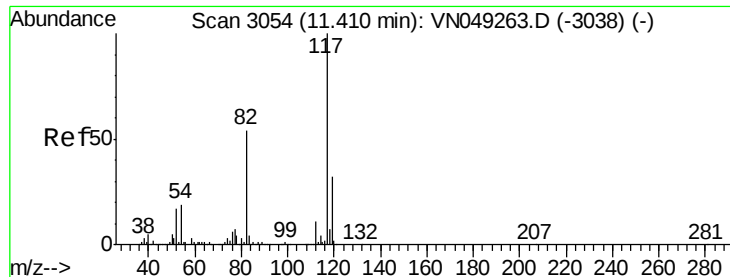
Ion Ratio Lower Upper

95 100

174 90.7 0.0 165.6

176 87.5 0.0 157.4

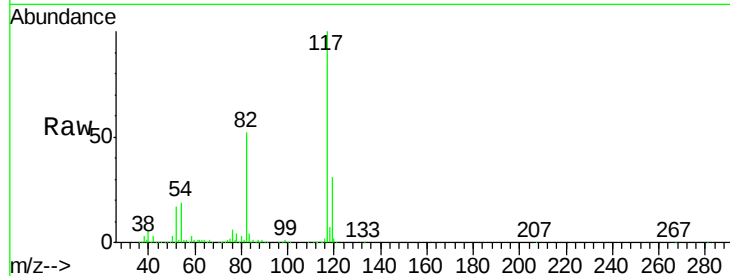




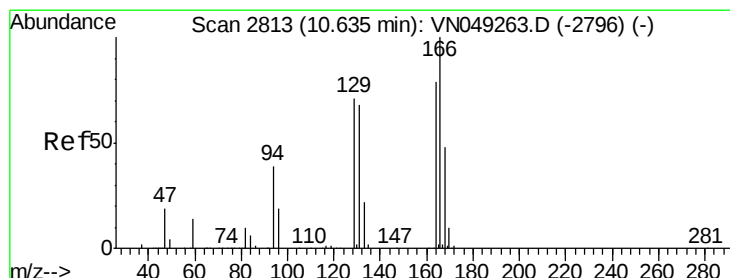
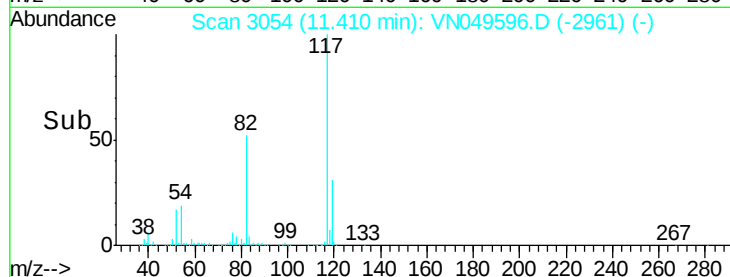
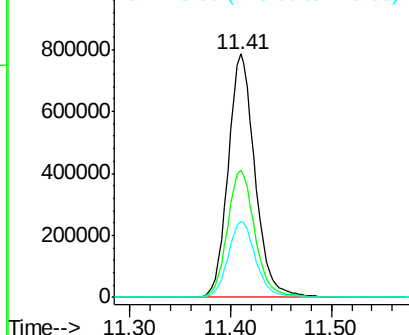
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049596.D
Acq: 28 Jun 2018 17:59

Instrument :
MSVOA_N
ClientSampleId :
SS-SIDEWALK-CON

Tot Ion:117 Resp: 1453940
Ion Ratio Lower Upper
117 100
82 52.2 45.9 68.9
119 31.1 25.5 38.3



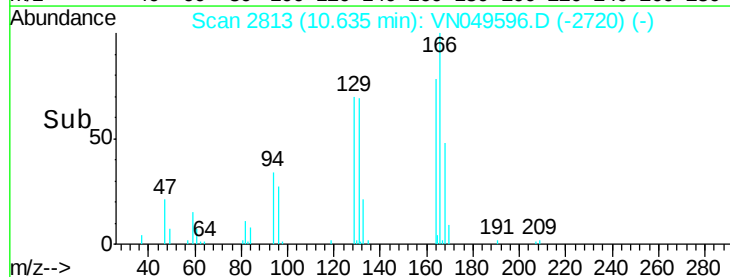
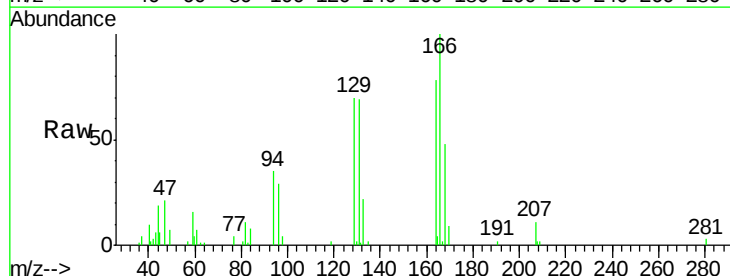
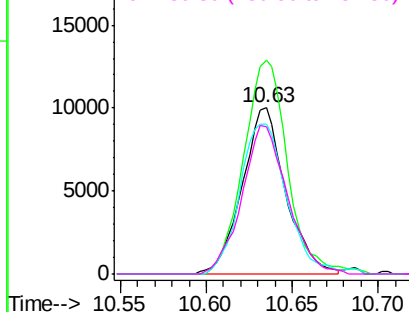
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

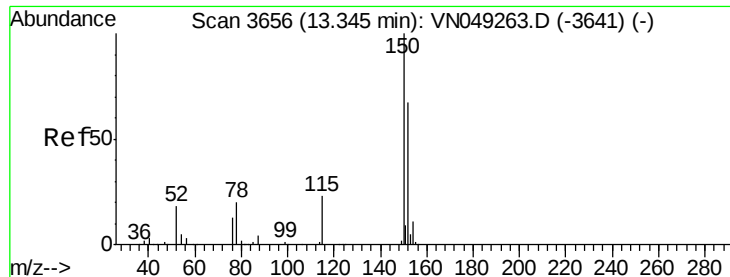


#64
Tetrachloroethene
Concen: 1.18 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049596.D
Acq: 28 Jun 2018 17:59

Tgt Ion:164 Resp: 17546
Ion Ratio Lower Upper
164 100
166 128.8 101.4 152.2
129 90.5 74.1 111.1
131 89.1 73.7 110.5

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

Instrument :

MSVOA_N

ClientSampleId :

SS-SIDEWALK-CON

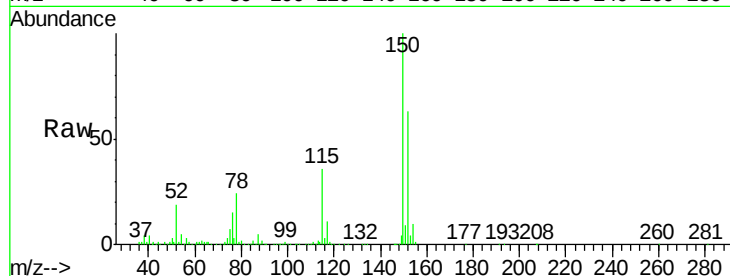
Tot Ion:152 Resp: 569977

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.1

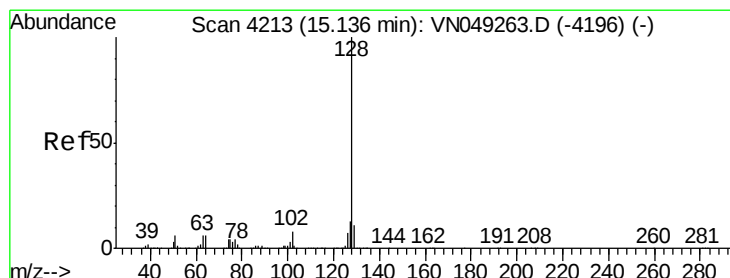
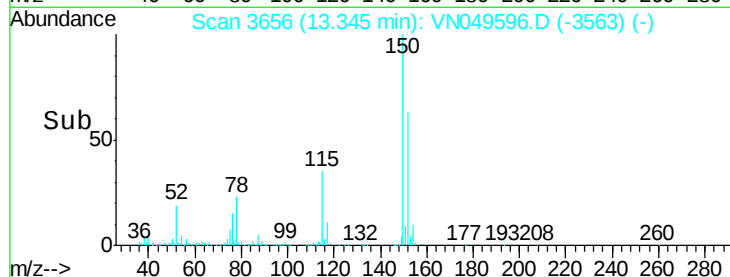
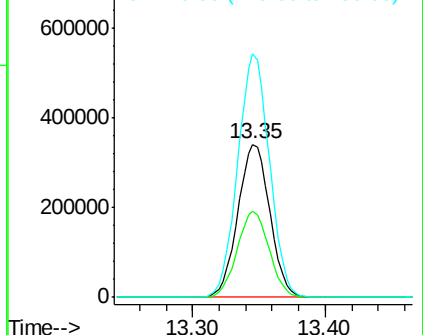
150 158.0 0.0 351.0



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



#95

Naphthalene

Concen: 12.60 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049596.D

Acq: 28 Jun 2018 17:59

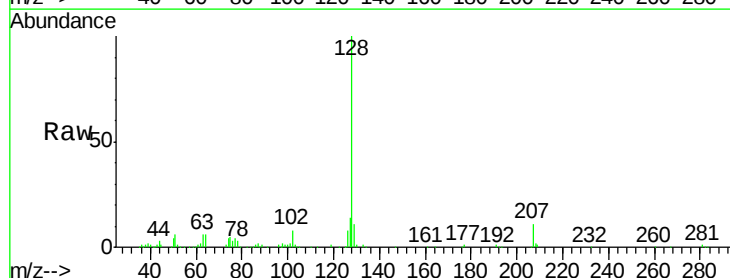
Tgt Ion:128 Resp: 171330

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.4 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

