

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049620.D
 Acq On : 29 Jun 2018 5:08
 Operator : MD\SY
 Sample : J3612-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3(8.5-9)

Quant Time: Jun 29 08:57:03 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	1075315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1725258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1421084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	480847	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	700318	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	146456	10.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.98%	
50) Toluene-d8	10.09	98	2304282	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	
62) 4-Bromofluorobenzene	12.40	95	628488	35.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.52%	

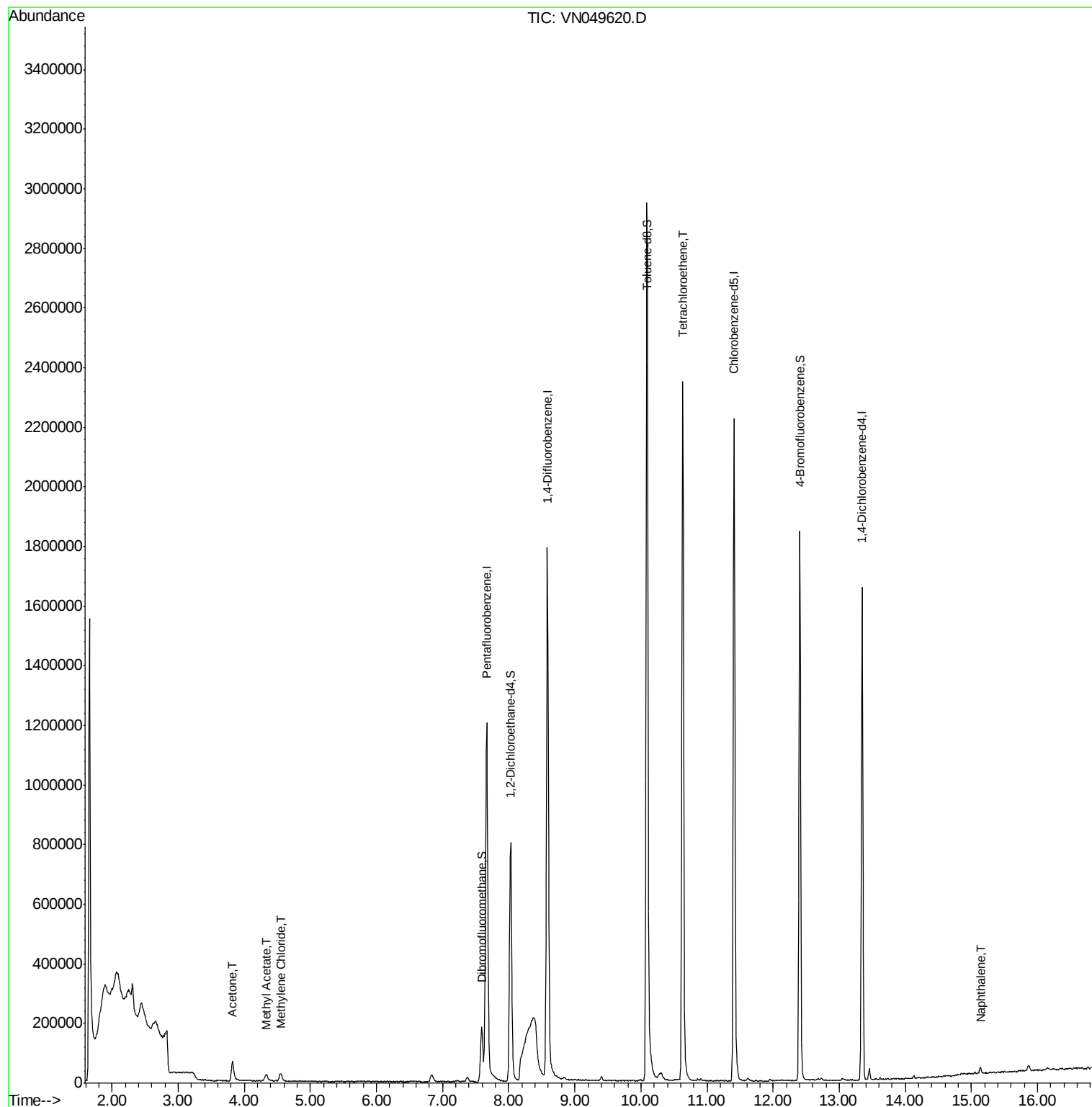
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	116802	33.73	ug/l	91
18) Methyl Acetate	4.34	43	44554	4.22	ug/l	93
20) Methylene Chloride	4.54	84	19750	1.37	ug/l #	84
64) Tetrachloroethene	10.63	164	617188	42.38	ug/l	98
95) Naphthalene	15.14	128	15334	3.23	ug/l #	94

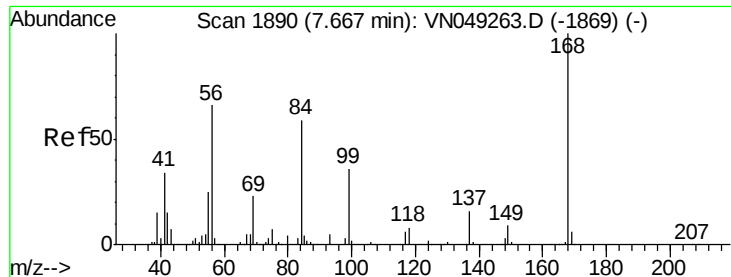
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S-3(8.5-9)

Quant Time: Jun 29 08:57:03 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: VN049620.D

Acq: 29 Jun 2018 5:08

Instrument :

MSVOA_N

ClientSampled :

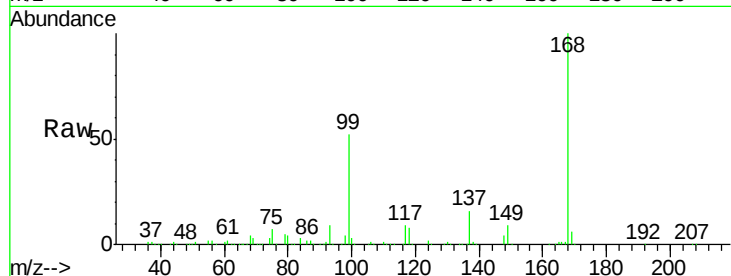
S-3(8.5-9)

Tot Ion:168 Resp: 1075315

Ion Ratio Lower Upper

168 100

99 52.4 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

400000

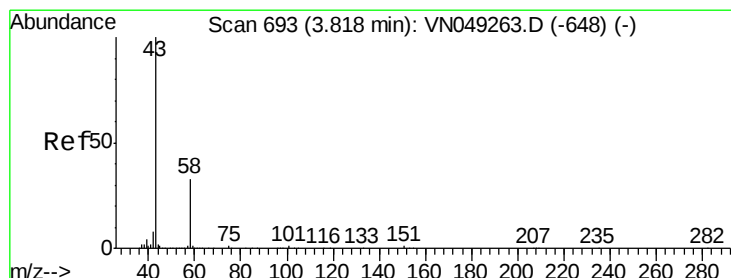
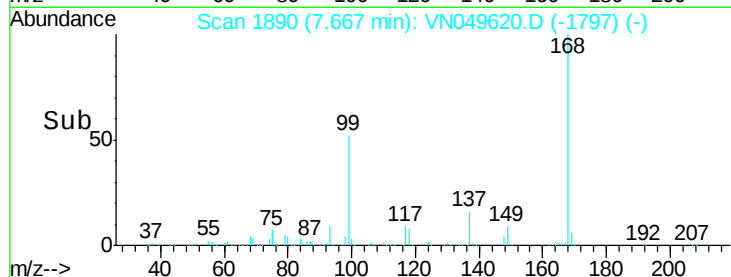
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 33.73 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049620.D

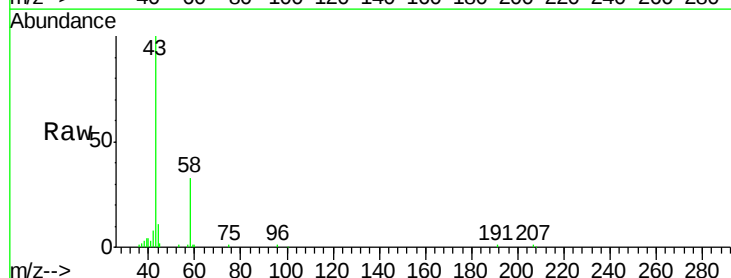
Acq: 29 Jun 2018 5:08

Tgt Ion: 43 Resp: 116802

Ion Ratio Lower Upper

43 100

58 33.0 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

40000

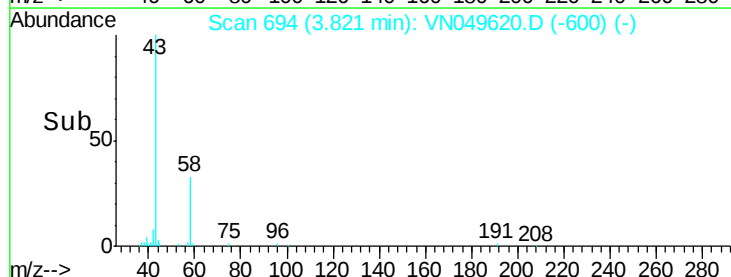
30000

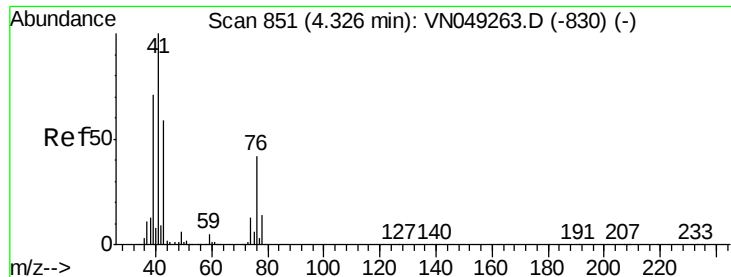
20000

10000

0

Time-->

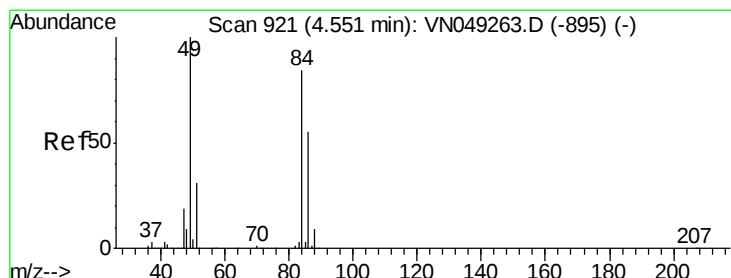
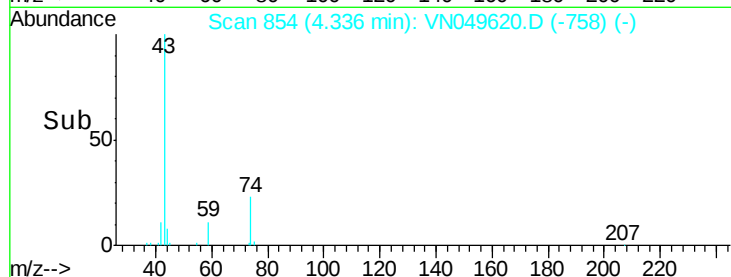
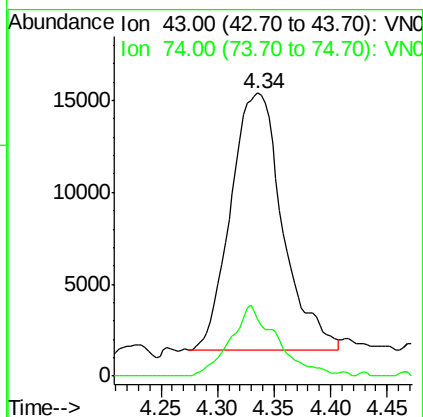
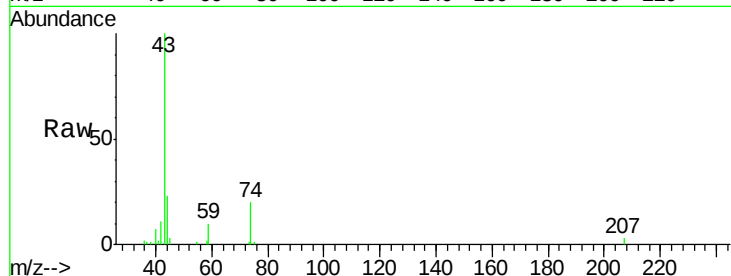




#18
Methvl Acetate
Concen: 4.22 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049620.D
Acq: 29 Jun 2018 5:08

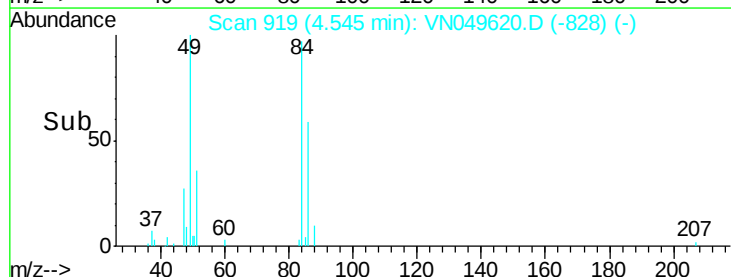
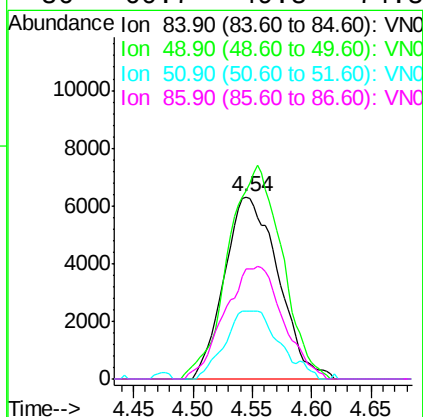
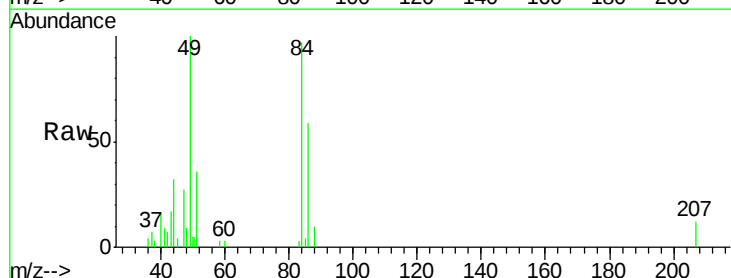
Instrument :
MSVOA_N
ClientSampleId :
S-3(8.5-9)

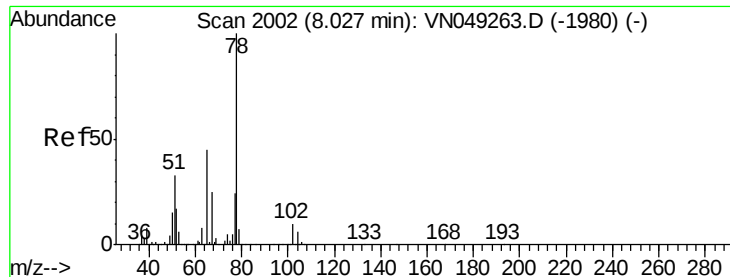
Tot Ion: 43 Resp: 44554
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0



#20
Methylene Chloride
Concen: 1.37 ug/l
RT: 4.54 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN049620.D
Acq: 29 Jun 2018 5:08

Tgt Ion: 84 Resp: 19750
Ion Ratio Lower Upper
84 100
49 103.6 106.9 160.3#
51 37.1 32.7 49.1
86 60.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.10 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049620.D

Acq: 29 Jun 2018 5:08

Instrument :

MSVOA_N

ClientSampleId :

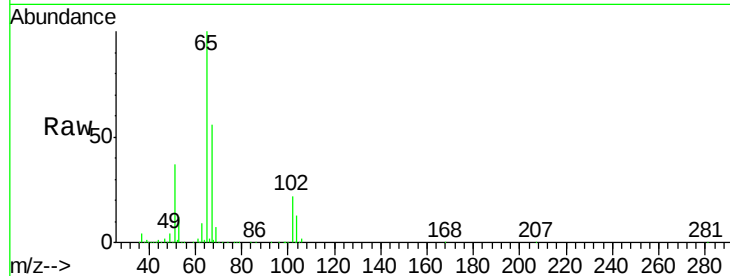
S-3(8.5-9)

Tot Ion: 65 Resp: 700318

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049620.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049620.D (-1909) (-)

8.03

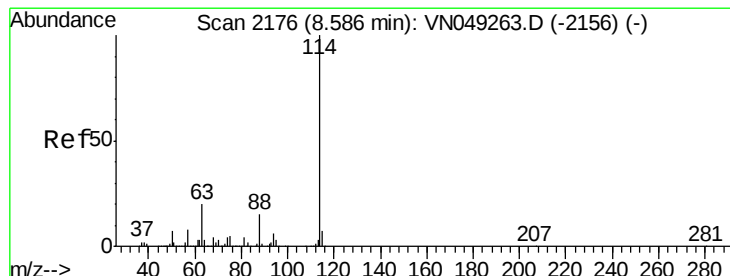
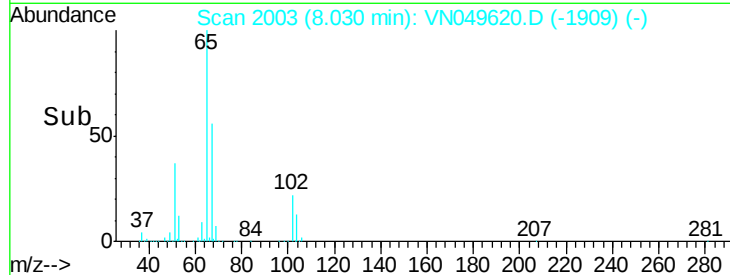
300000

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: VN049620.D

Acq: 29 Jun 2018 5:08

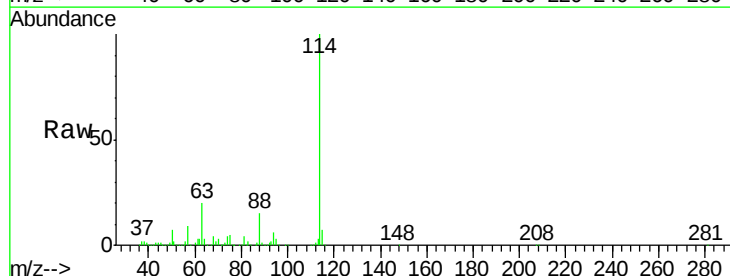
Tgt Ion: 114 Resp: 1725258

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.4

88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049620.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049620.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049620.D (-2083) (-)

8.59

1000000

800000

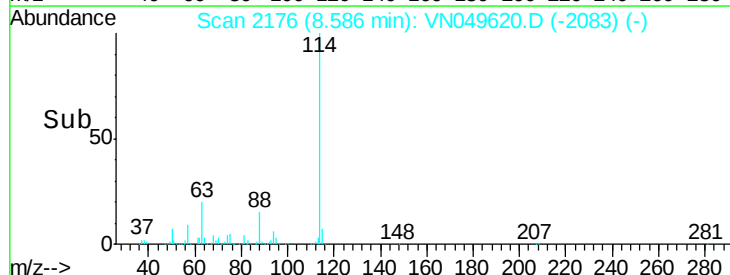
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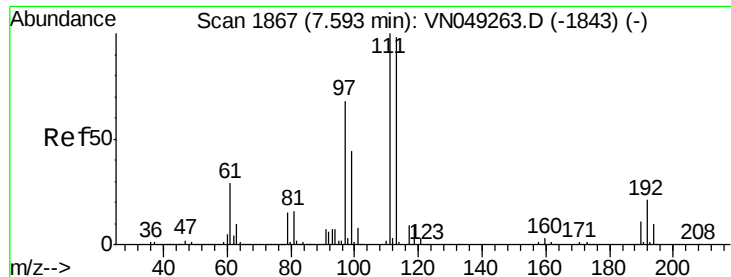
400000

200000

0

Time-->

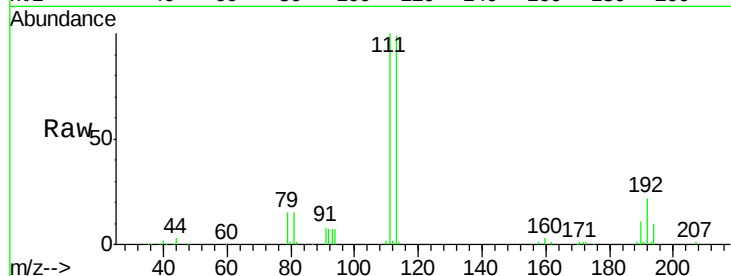




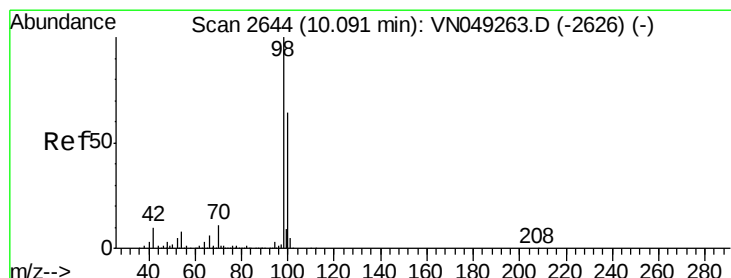
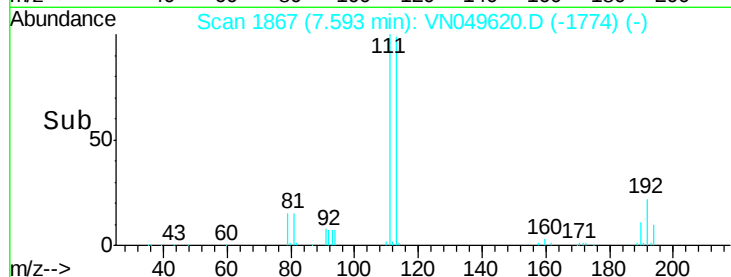
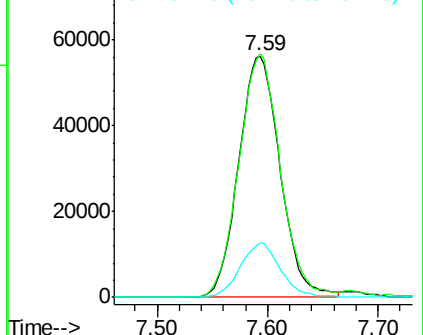
#35
 Dibromofluoromethane
 Concen: 10.49 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049620.D
 Acq: 29 Jun 2018 5:08

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3(8.5-9)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	21.6	15.0	22.6

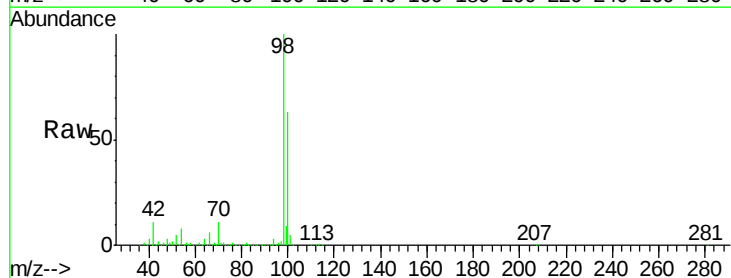


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

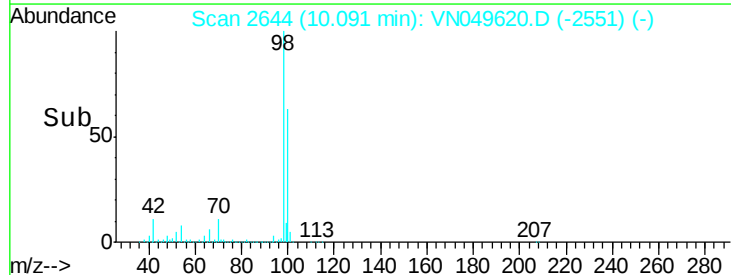
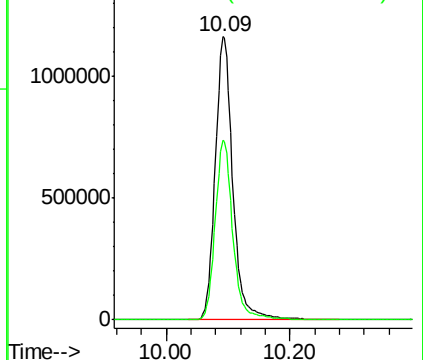


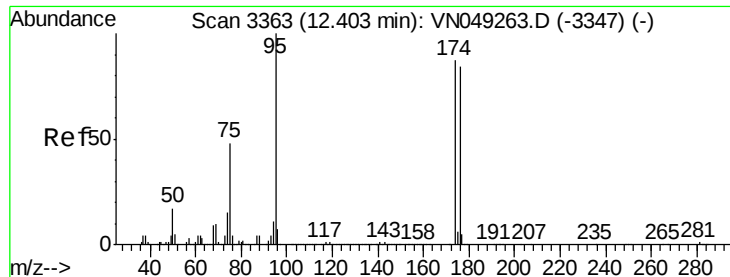
#50
 Toluene-d8
 Concen: 43.36 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049620.D
 Acq: 29 Jun 2018 5:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	49.8	74.8



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

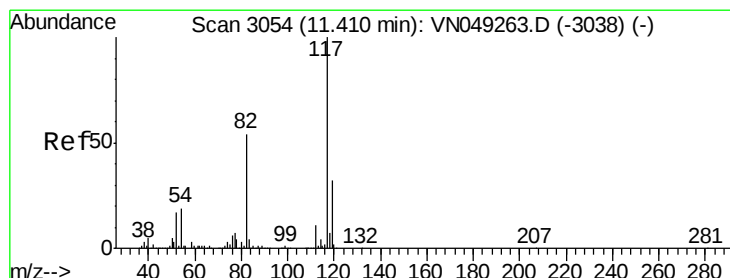
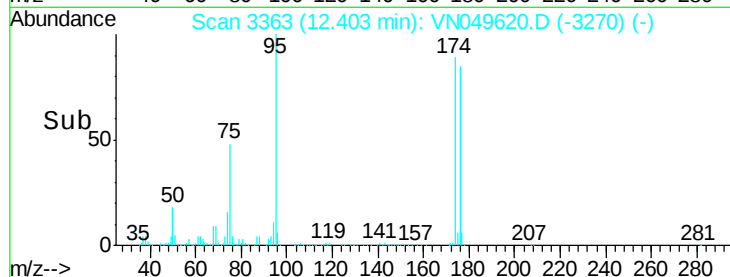
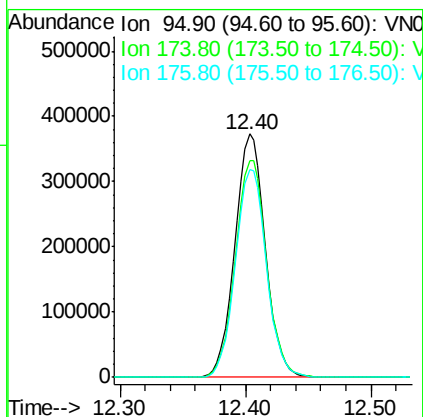
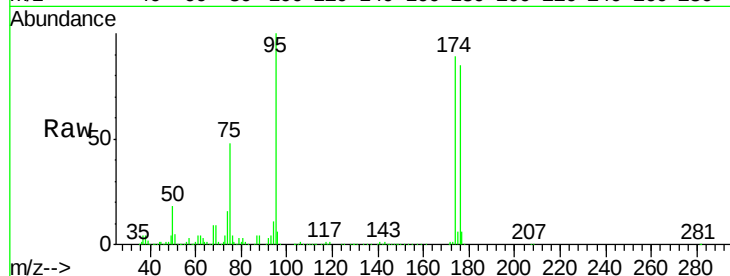




#62
4-Bromofluorobenzene
Concen: 35.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049620.D
Acq: 29 Jun 2018 5:08

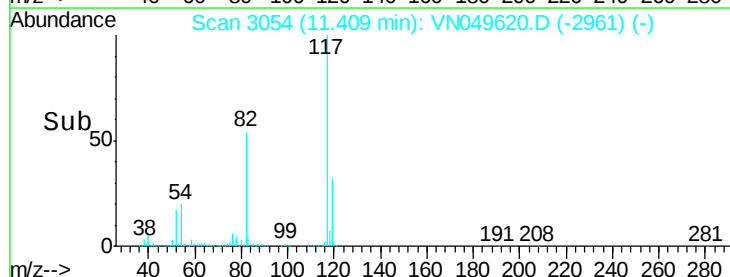
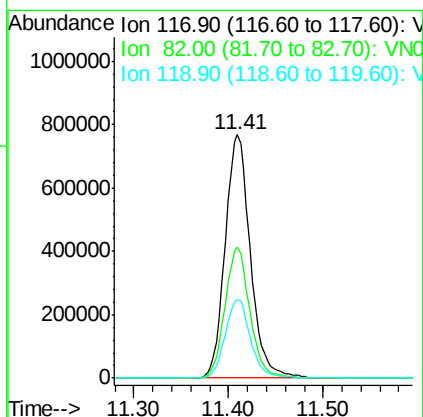
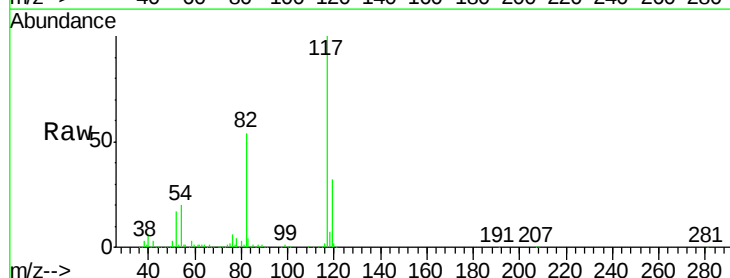
Instrument :
MSVOA_N
ClientSampled :
S-3(8.5-9)

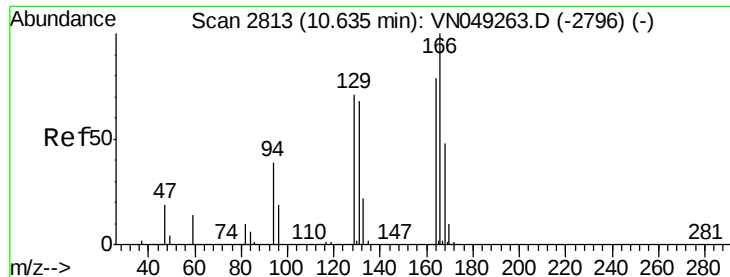
Tot Ion: 95 Resp: 628488
Ion Ratio Lower Upper
95 100
174 91.6 0.0 165.6
176 87.2 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049620.D
Acq: 29 Jun 2018 5:08

Tgt Ion: 117 Resp: 1421084
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.4 25.5 38.3





#64

Tetrachloroethene

Concen: 42.38 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: VN049620.D

Acq: 29 Jun 2018 5:08

Instrument :

MSVOA_N

ClientSampleId :

S-3(8.5-9)

Tot Ion:164 Resp: 617188

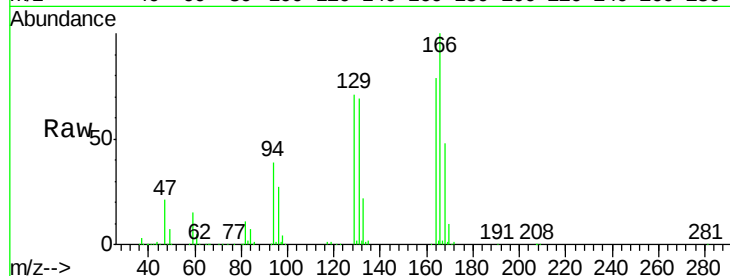
Ion Ratio Lower Upper

164 100

166 126.6 101.4 152.2

129 90.0 74.1 111.1

131 87.2 73.7 110.5

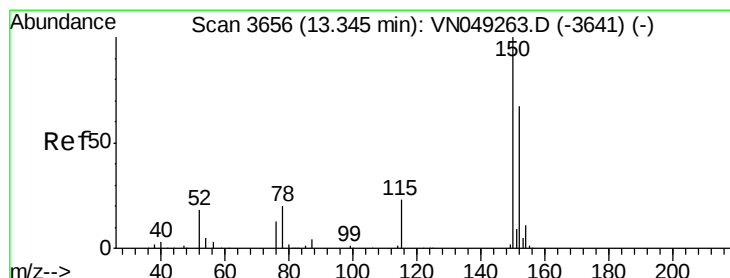
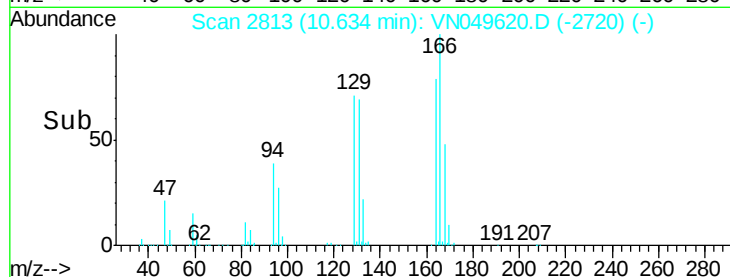
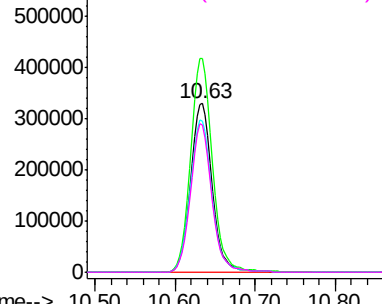


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN049620.D

Acq: 29 Jun 2018 5:08

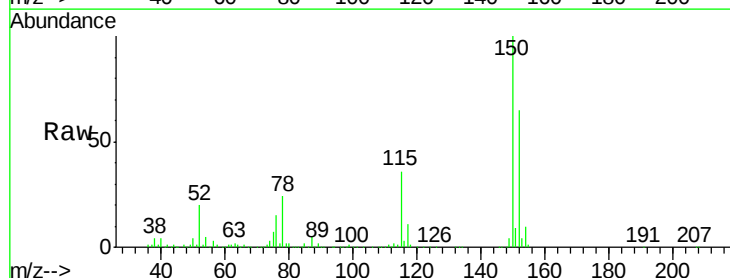
Tgt Ion:152 Resp: 480847

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.1

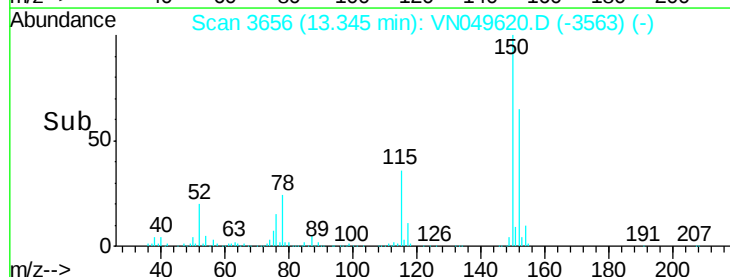
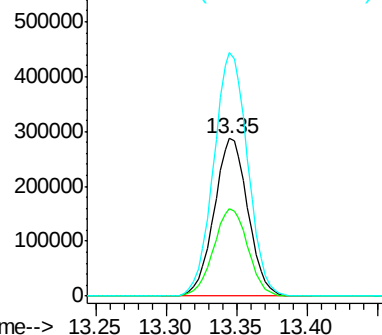
150 155.7 0.0 351.0

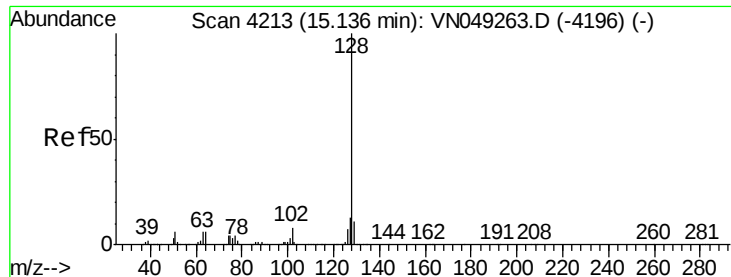


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.23 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049620.D

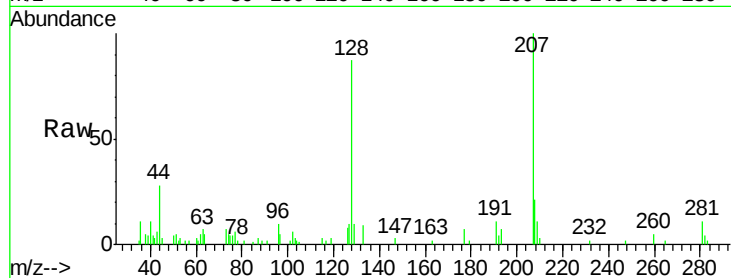
Acq: 29 Jun 2018 5:08

Instrument :

MSVOA_N

ClientSampleId :

S-3(8.5-9)



Tot Ion:	128	Resp:	15334
Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.6	16.0#
129	10.9	8.5	12.7

