

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049577.D
 Acq On : 27 Jun 2018 17:22
 Operator : MD\SY
 Sample : PB110627ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#05

Quant Time: Jun 28 02:08:42 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	1163707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1871675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1545151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	773951	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	634227	41.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.76%	
50) Toluene-d8	10.09	98	2516189	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
62) 4-Bromofluorobenzene	12.40	95	728210	38.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.40%	

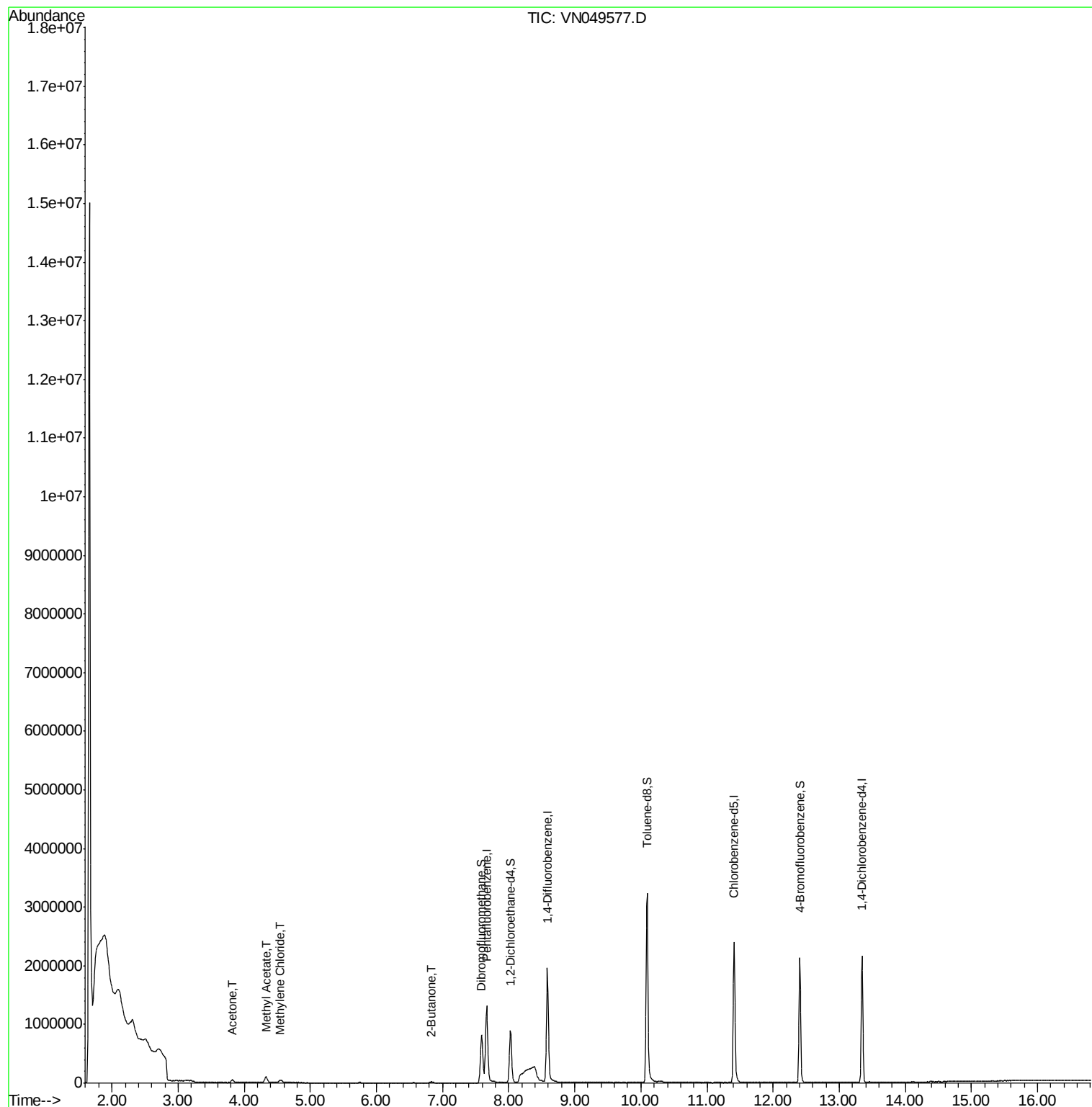
Target Compounds						Qvalue
16) Acetone	3.82	43	88065	23.50	ug/l	95
18) Methyl Acetate	4.33	43	186931	16.36	ug/l	97
20) Methylene Chloride	4.55	84	35840	2.29	ug/l	91
25) 2-Butanone	6.84	43	9098	1.81	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049577.D

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Instrument :

MSVOA_N

ClientSampleId :

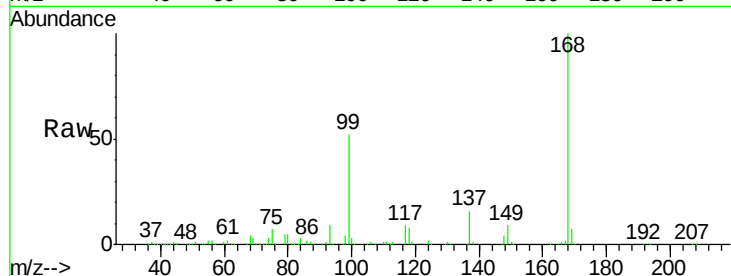
PB110627ZHE#05

Tot Ion:168 Resp: 1163707

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

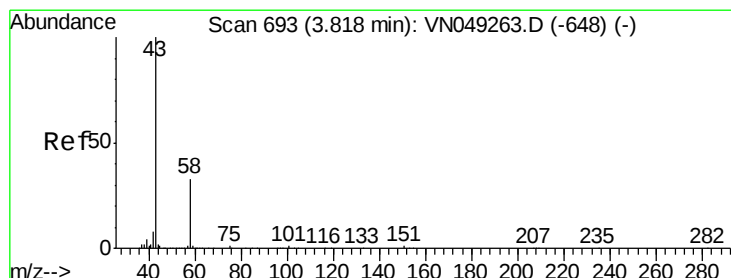
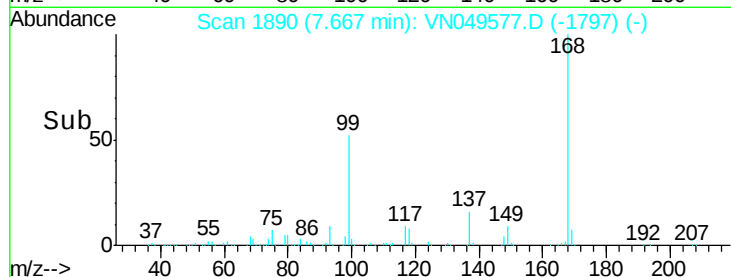
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200000

100000

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Time-->



#16

Acetone

Concen: 23.50 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049577.D

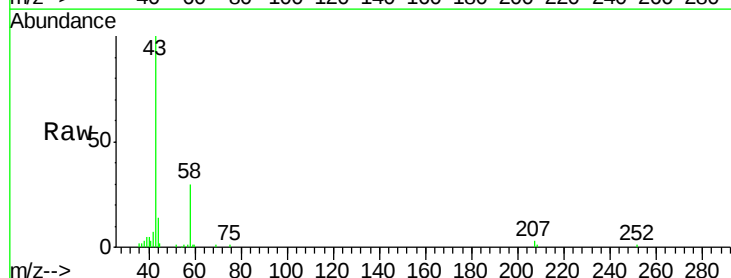
Acq: 27 Jun 2018 17:22

Tgt Ion: 43 Resp: 88065

Ion Ratio Lower Upper

43 100

58 30.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

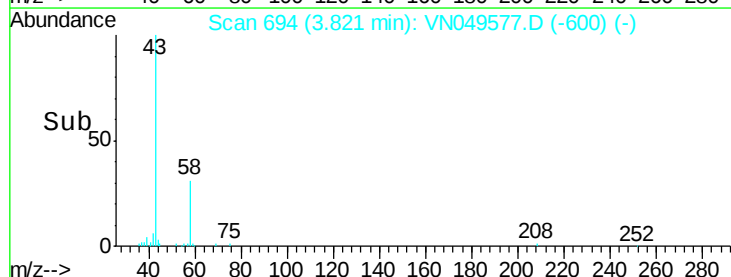
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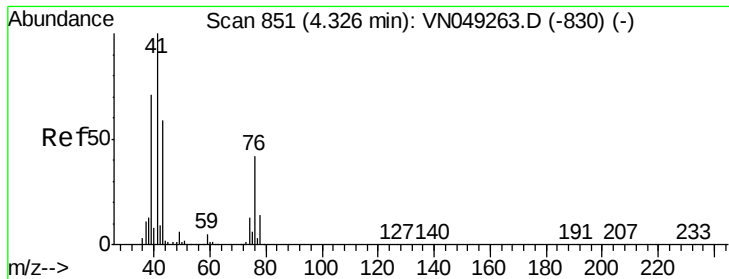
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10000

0

Time-->

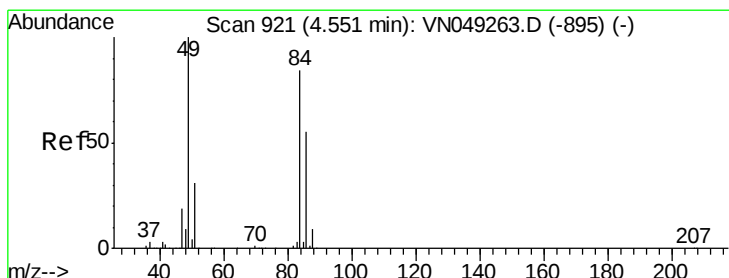
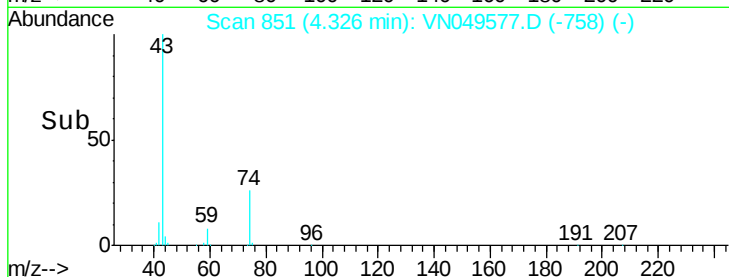
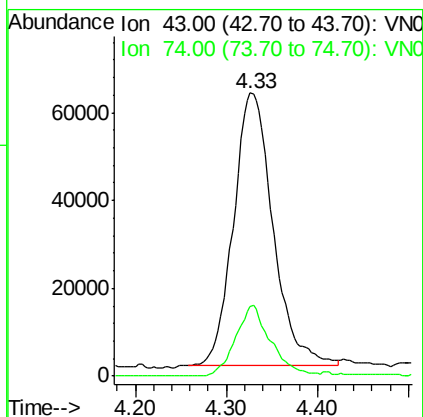
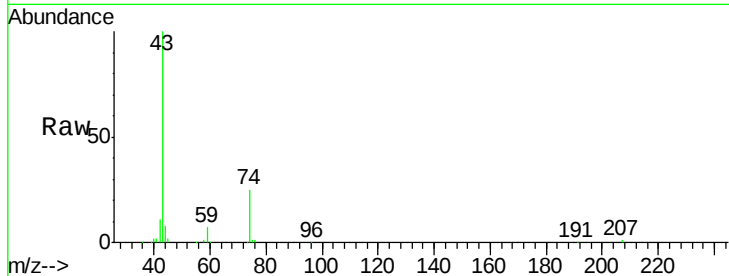




#18
Methvl Acetate
Concen: 16.36 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049577.D
Acq: 27 Jun 2018 17:22

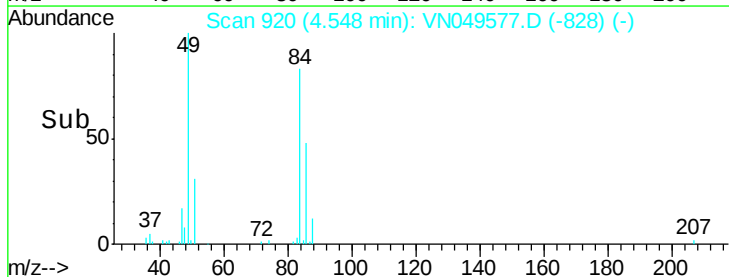
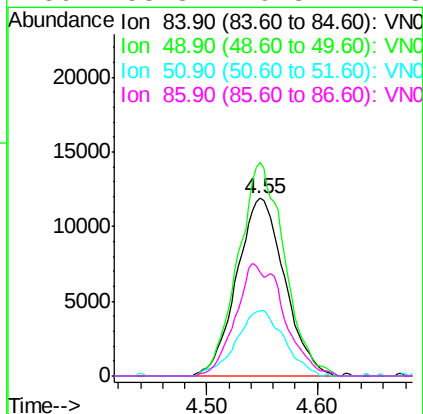
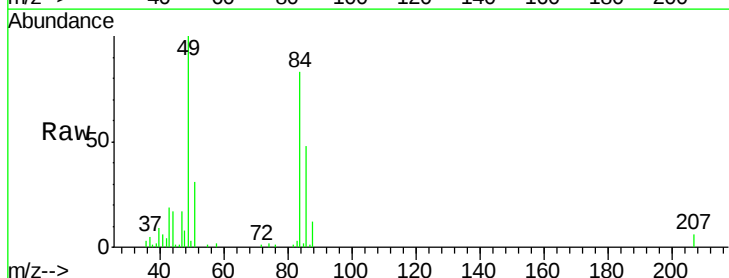
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#05

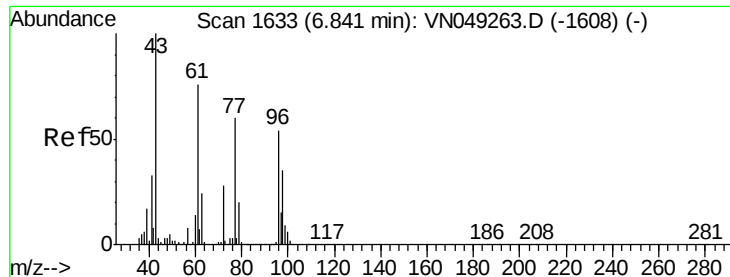
Tot Ion: 43 Resp: 186931
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.0



#20
Methylene Chloride
Concen: 2.29 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049577.D
Acq: 27 Jun 2018 17:22

Tgt Ion: 84 Resp: 35840
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 36.7 32.7 49.1
86 58.3 49.8 74.8

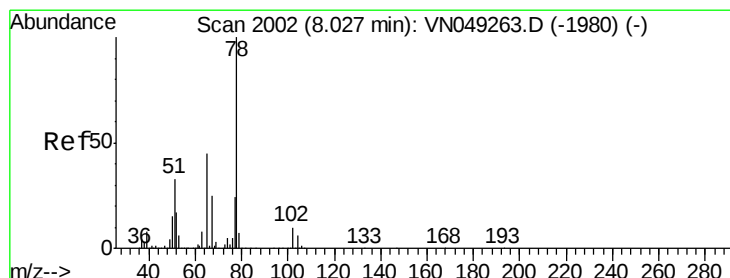
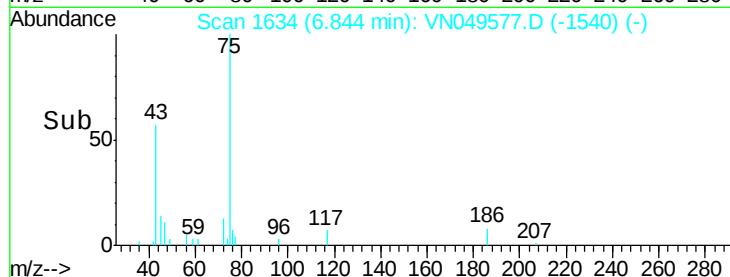
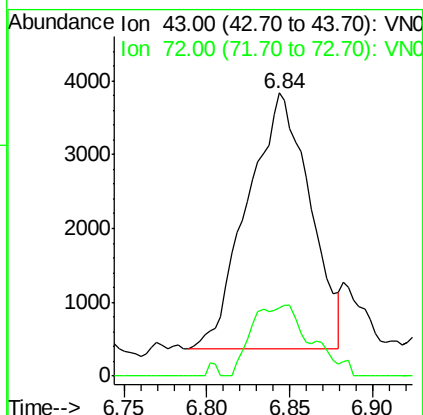
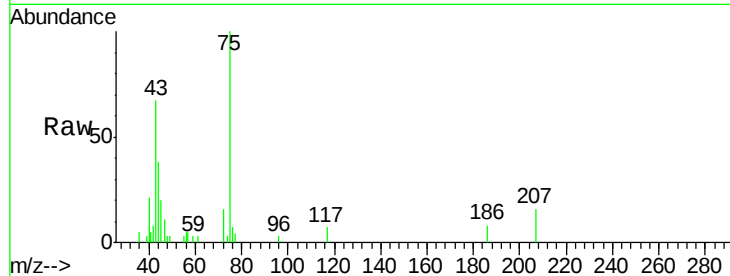




#25
 2-Butanone
 Concen: 1.81 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VN049577.D
 Acq: 27 Jun 2018 17:22

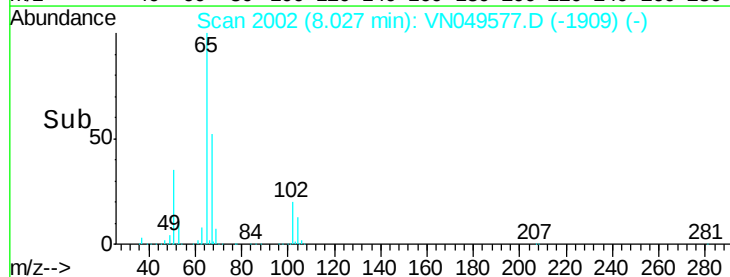
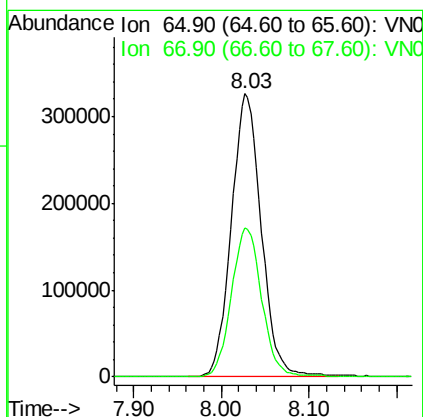
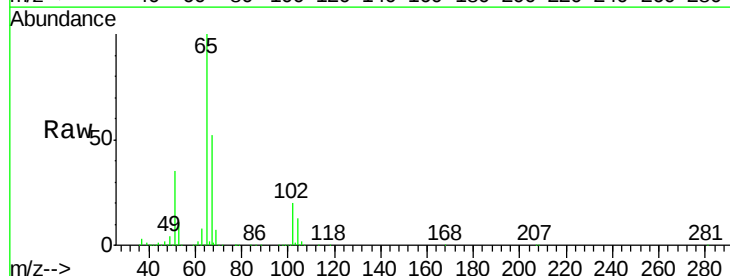
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#05

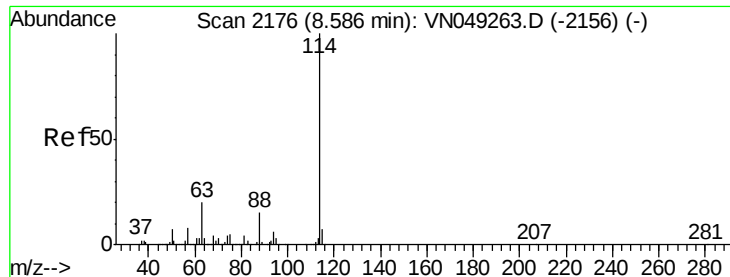
Tot Ion: 43 Resp: 9098
 Ion Ratio Lower Upper
 43 100
 72 26.6 20.2 30.2



#33
 1,2-Dichloroethane-d4
 Concen: 50.14 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049577.D
 Acq: 27 Jun 2018 17:22

Tgt Ion: 65 Resp: 773951
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 103.8



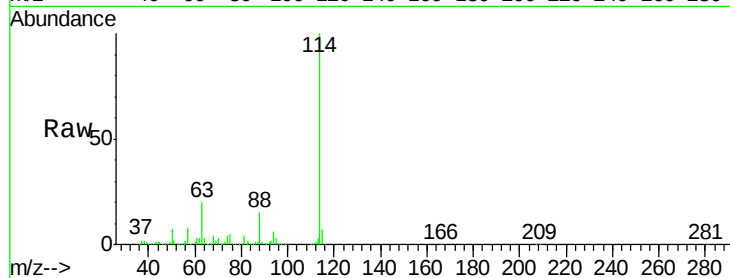


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049577.D
 Acq: 27 Jun 2018 17:22

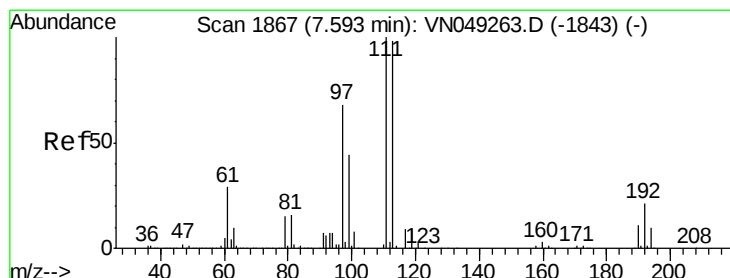
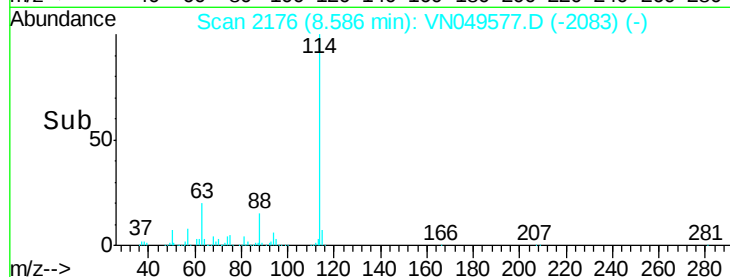
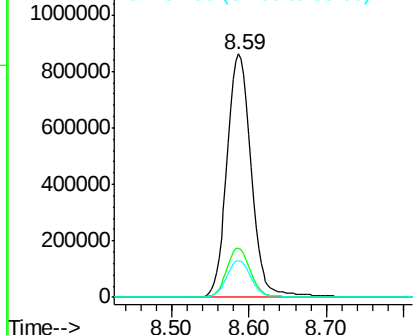
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#05

Tot Ion:114 Resp: 1871675

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.4
88	15.0	0.0	31.4



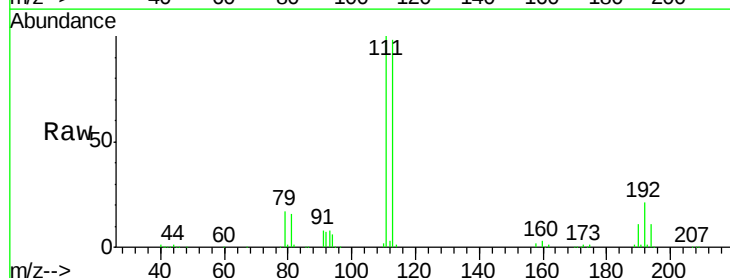
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V



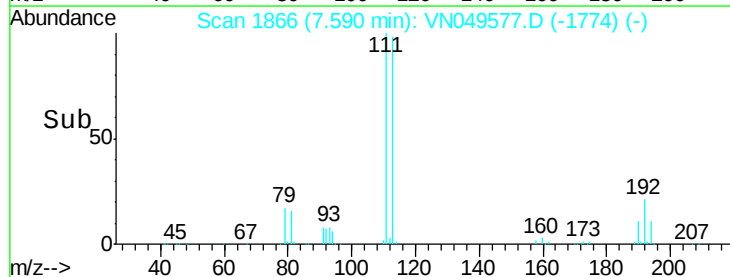
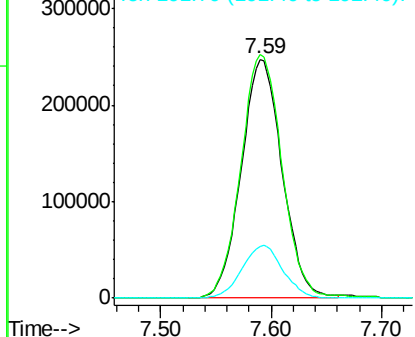
#35
 Dibromofluoromethane
 Concen: 41.88 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049577.D
 Acq: 27 Jun 2018 17:22

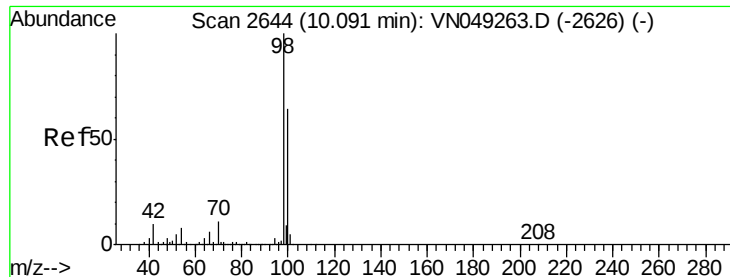
Tgt Ion:113 Resp: 634227

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	22.3	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: 43.64 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049577.D

Acq: 27 Jun 2018 17:22

Instrument :

MSVOA_N

ClientSampleId :

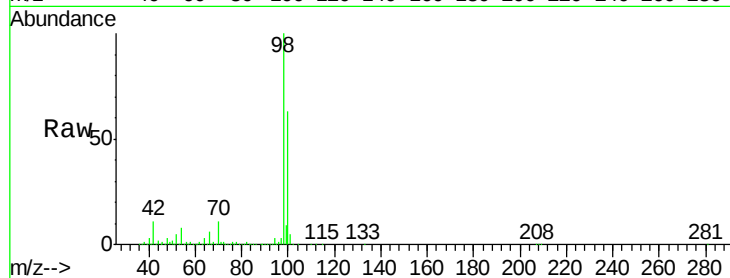
PB110627ZHE#05

Tot Ion: 98 Resp: 2516189

Ion Ratio Lower Upper

98 100

100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)

10.09

1500000

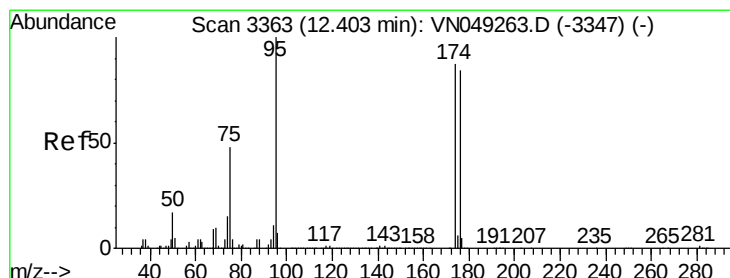
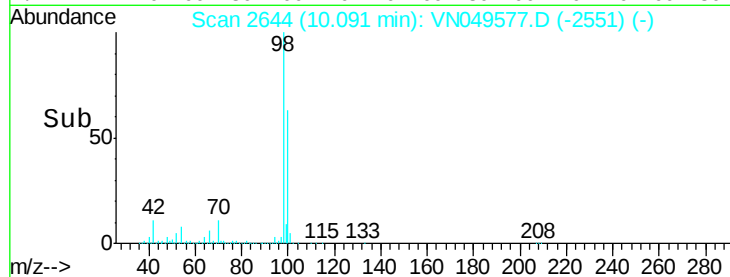
1000000

500000

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Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 38.20 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049577.D

Acq: 27 Jun 2018 17:22

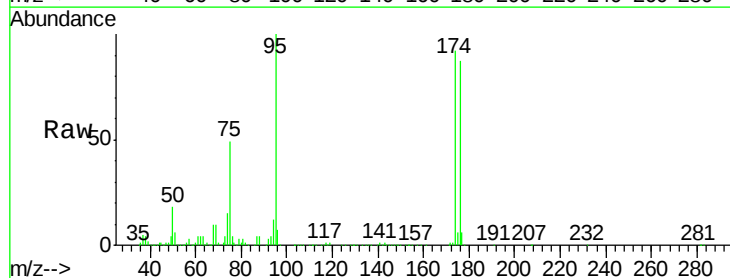
Tgt Ion: 95 Resp: 728210

Ion Ratio Lower Upper

95 100

174 91.9 0.0 165.6

176 88.1 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)

12.40

500000

400000

300000

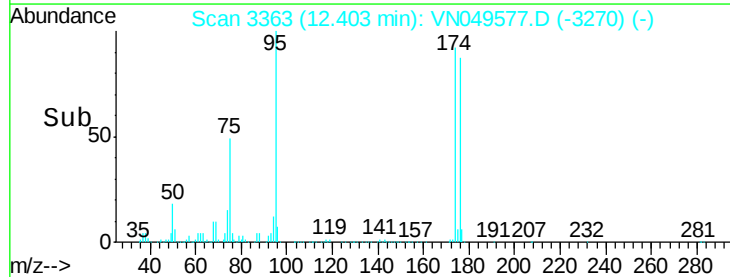
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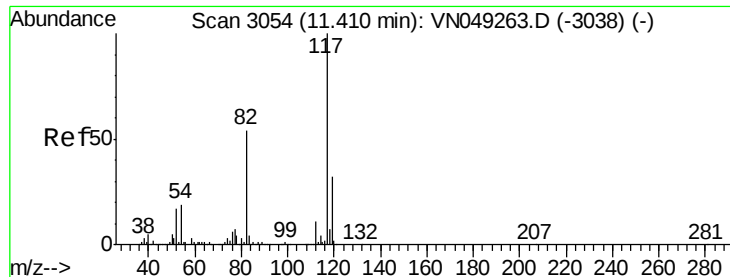
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Time-->

12.35 12.40 12.45 12.50

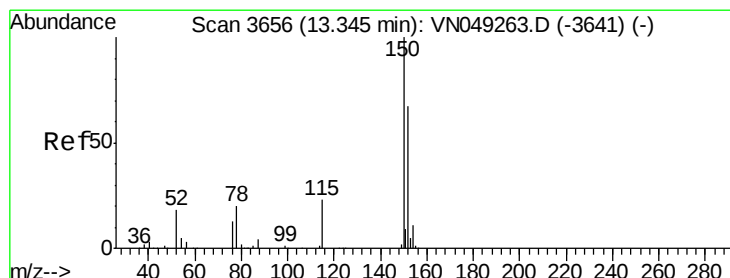
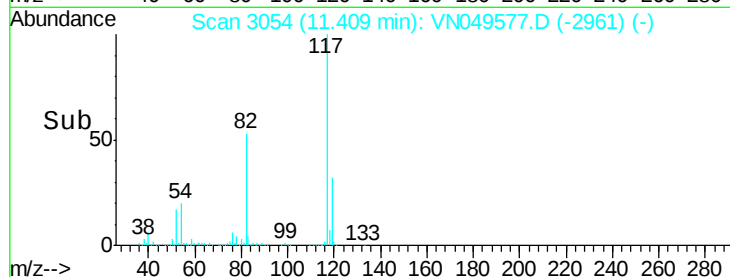
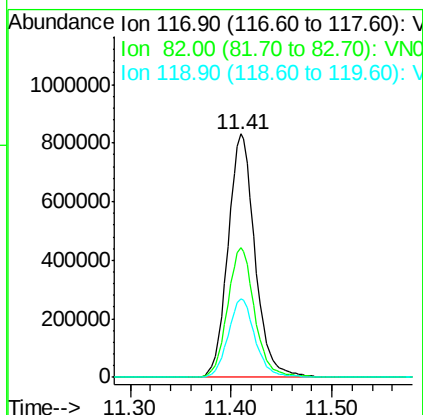
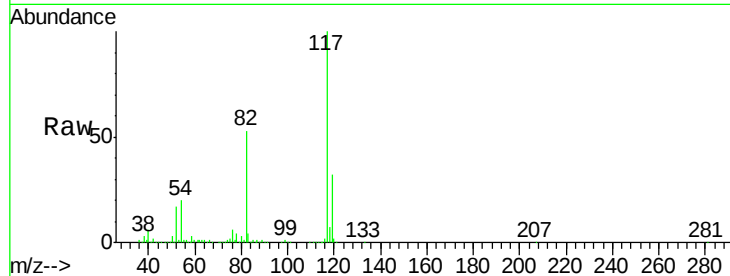




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049577.D
Acq: 27 Jun 2018 17:22

Instrument :
MSVOA_N
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PB110627ZHE#05

Tot Ion:117 Resp: 1545151
Ion Ratio Lower Upper
117 100
82 53.2 45.9 68.9
119 32.4 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: VN049577.D
Acq: 27 Jun 2018 17:22

Tgt Ion:152 Resp: 624883
Ion Ratio Lower Upper
152 100
115 55.8 28.7 86.1
150 155.8 0.0 351.0

