

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049579.D
 Acq On : 27 Jun 2018 18:14
 Operator : MD\SY
 Sample : PB110627ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#07

Quant Time: Jun 28 02:16:49 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	1126912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1806753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1486270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	595026	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	740259	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	619521	42.38	ug/l	0.00
Spiked Amount			Recovery	=	84.76%	
50) Toluene-d8	10.09	98	2426019	43.59	ug/l	0.00
Spiked Amount			Recovery	=	87.18%	
62) 4-Bromofluorobenzene	12.40	95	700188	38.05	ug/l	0.00
Spiked Amount			Recovery	=	76.10%	

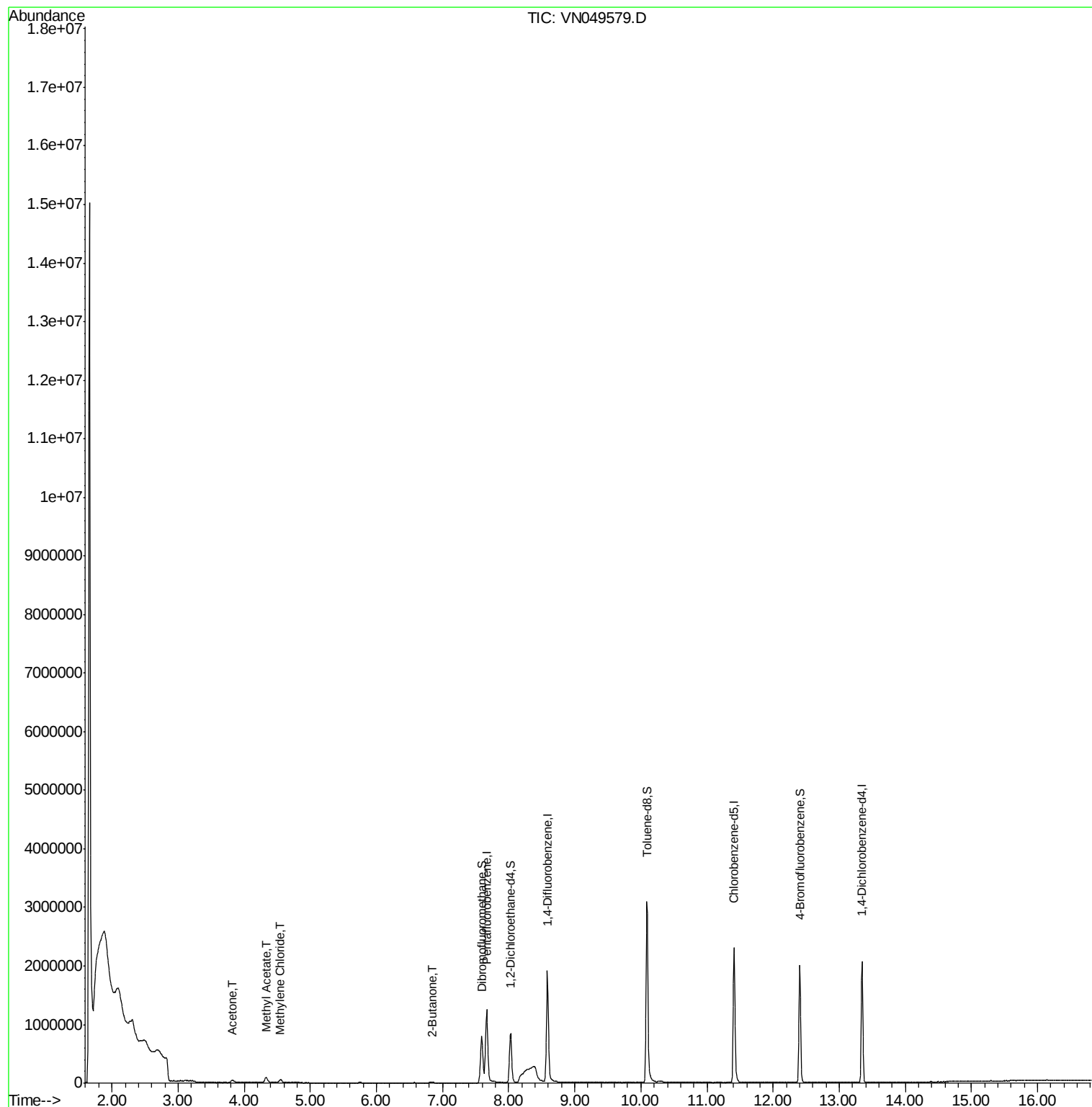
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	88129	24.28	ug/l	93
18) Methyl Acetate	4.33	43	182335	16.48	ug/l	98
20) Methylene Chloride	4.55	84	36138	2.38	ug/l	88
25) 2-Butanone	6.84	43	9664	1.98	ug/l	92

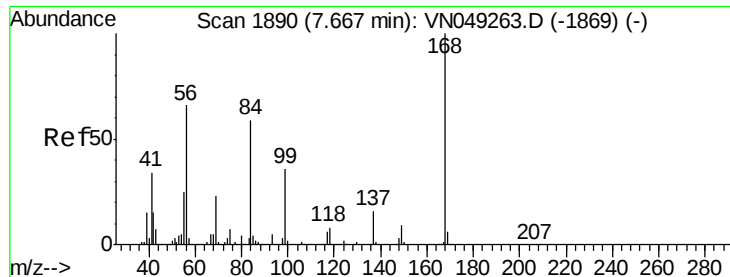
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049579.D

Acq: 27 Jun 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

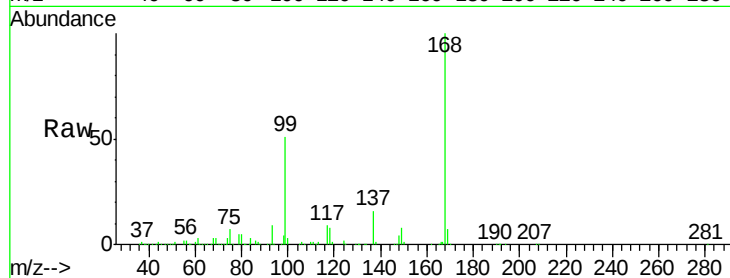
PB110627ZHE#07

Tot Ion:168 Resp: 1126912

Ion Ratio Lower Upper

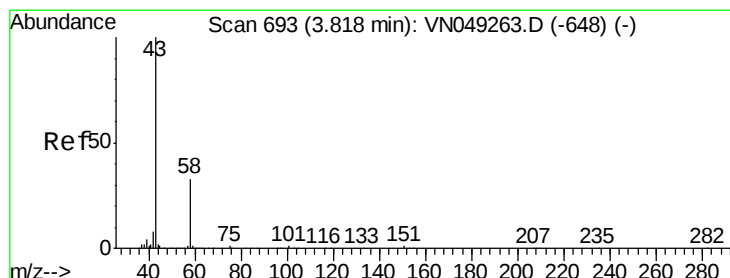
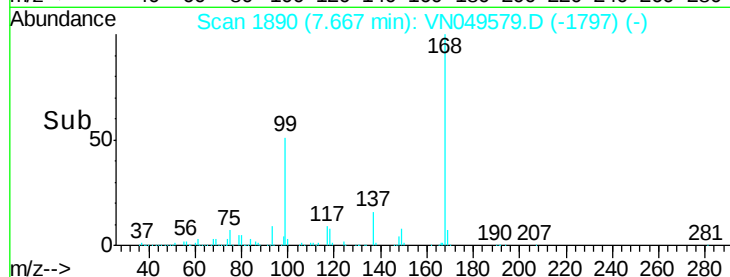
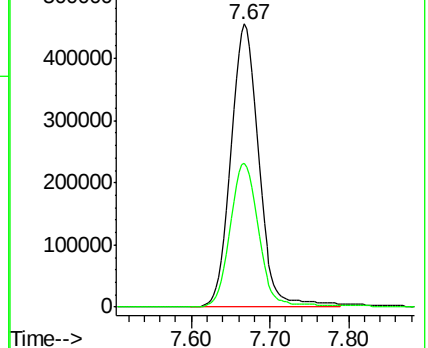
168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 24.28 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN049579.D

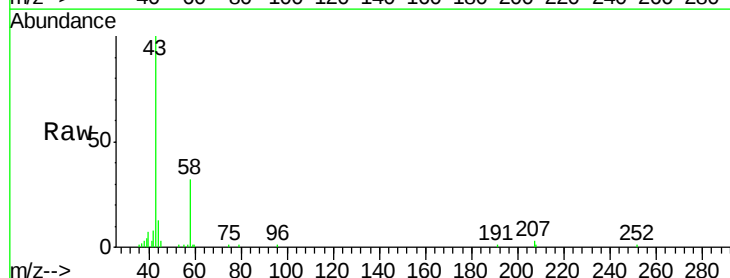
Acq: 27 Jun 2018 18:14

Tgt Ion: 43 Resp: 88129

Ion Ratio Lower Upper

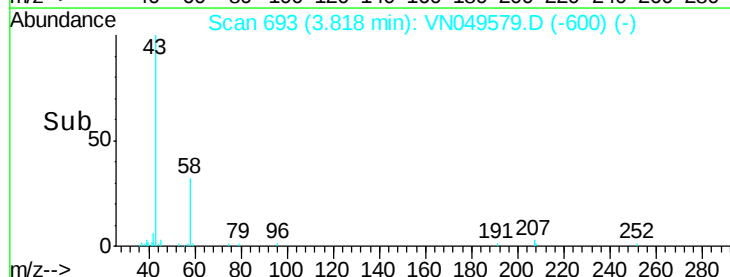
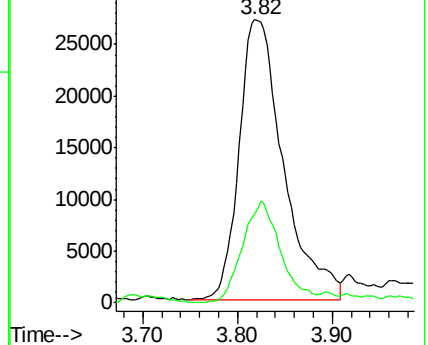
43 100

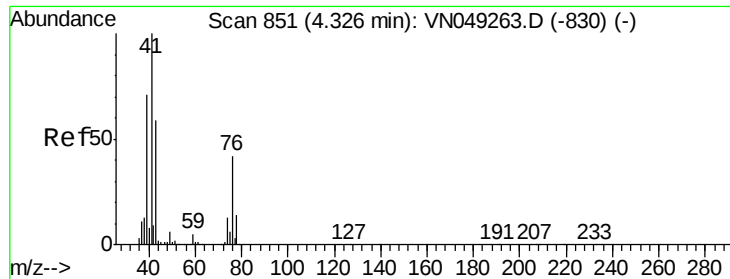
58 31.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

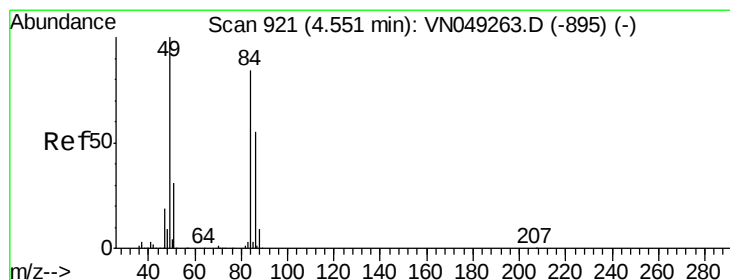
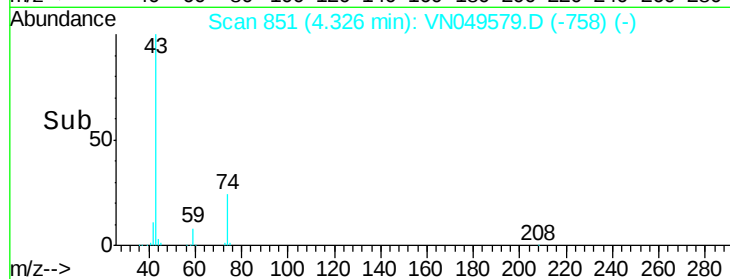
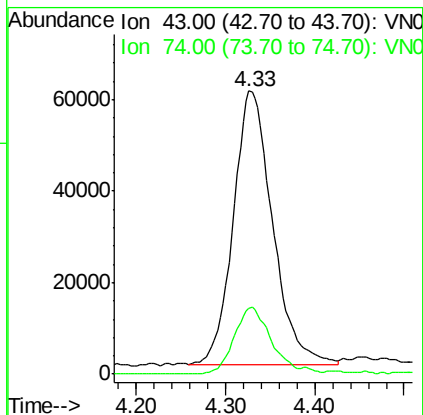
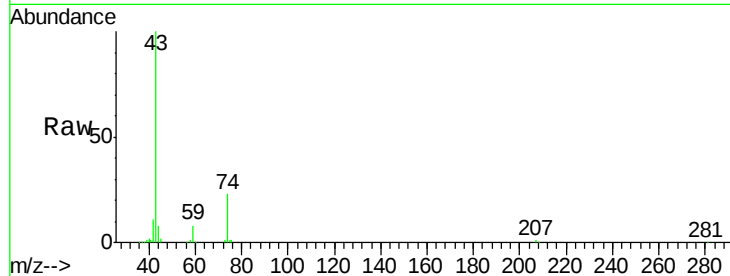




#18
Methvl Acetate
Concen: 16.48 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN049579.D
Acq: 27 Jun 2018 18:14

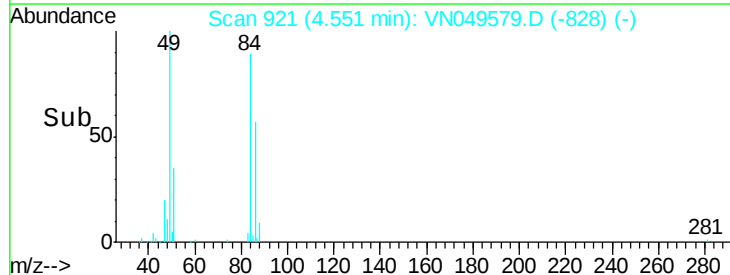
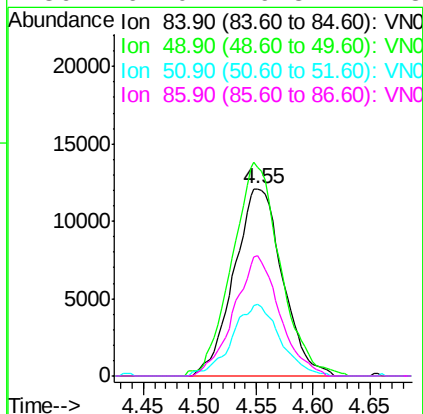
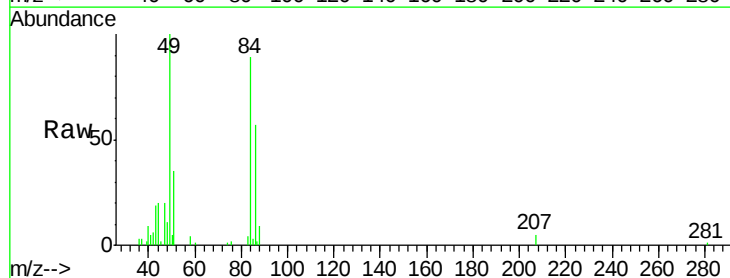
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#07

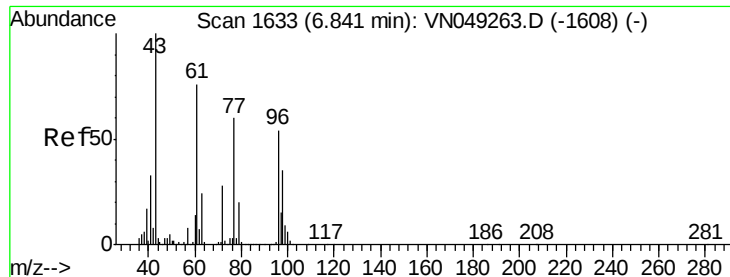
Tot Ion: 43 Resp: 182335
Ion Ratio Lower Upper
43 100
74 22.7 17.4 26.0



#20
Methylene Chloride
Concen: 2.38 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049579.D
Acq: 27 Jun 2018 18:14

Tgt Ion: 84 Resp: 36138
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 38.6 32.7 49.1
86 64.0 49.8 74.8





#25

2-Butanone

Concen: 1.98 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

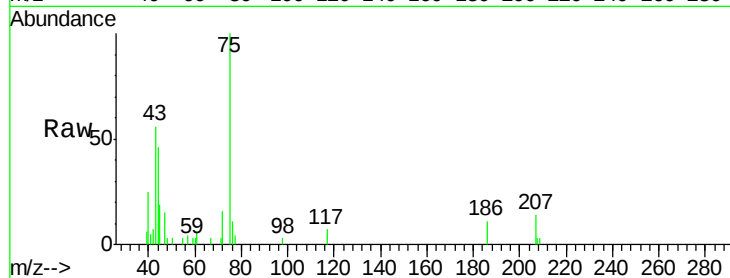
PB110627ZHE#07

Tot Ion: 43 Resp: 9664

Ion Ratio Lower Upper

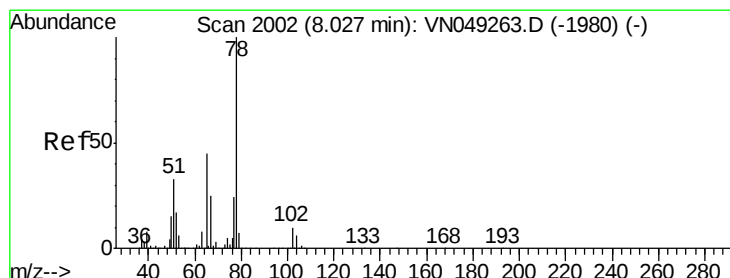
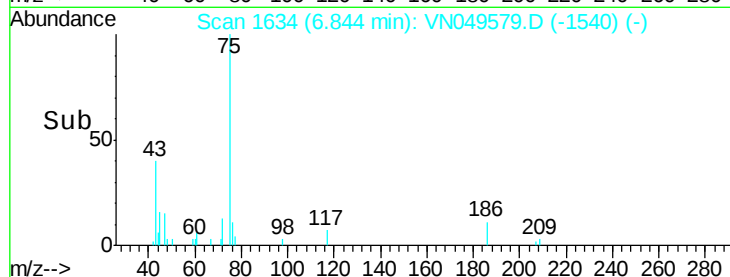
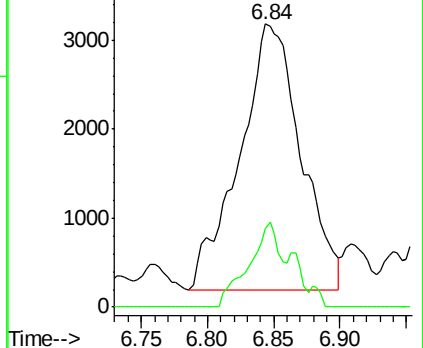
43 100

72 29.4 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049579.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049579.D (-1540) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.53 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049579.D

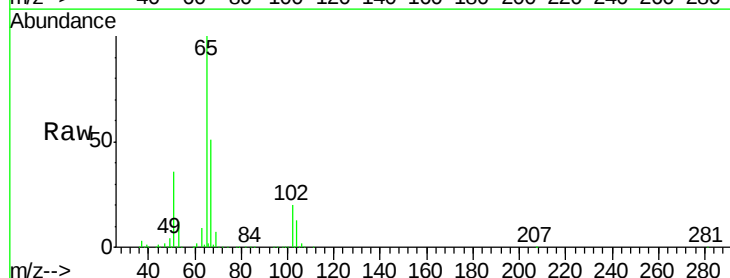
Acq: 27 Jun 2018 18:14

Tgt Ion: 65 Resp: 740259

Ion Ratio Lower Upper

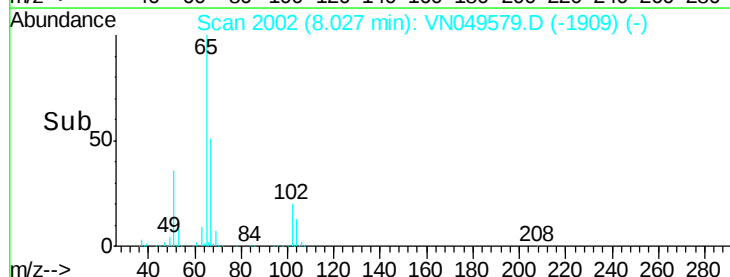
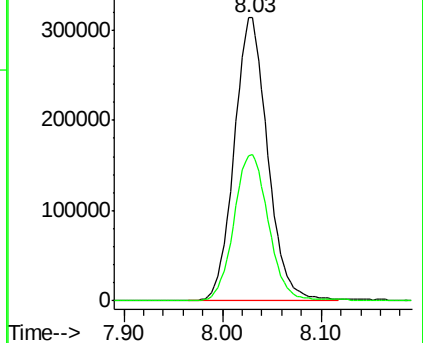
65 100

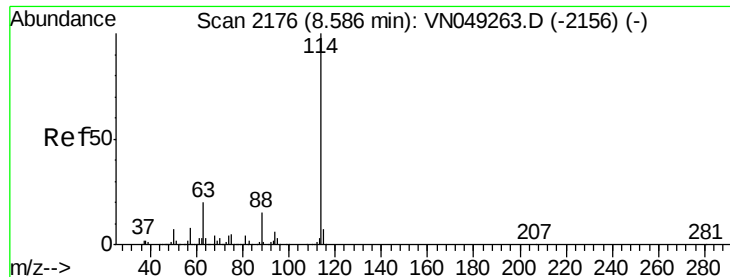
67 53.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049579.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049579.D (-1909) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#07

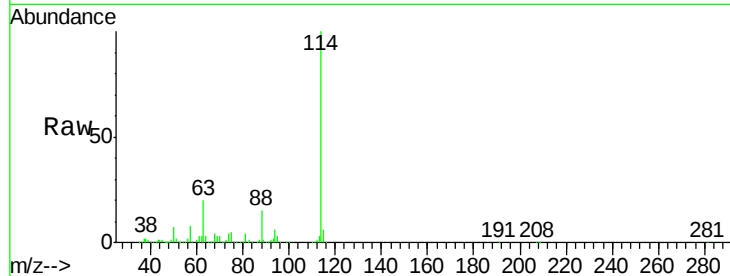
Tot Ion:114 Resp: 1806753

Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.4

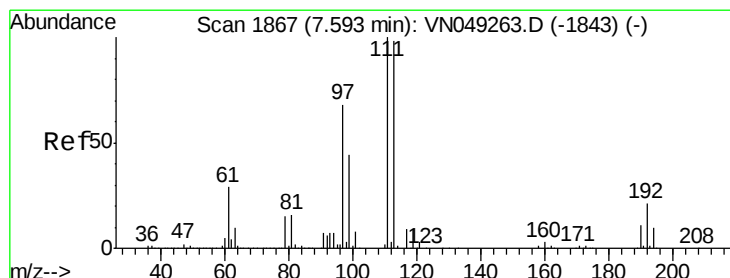
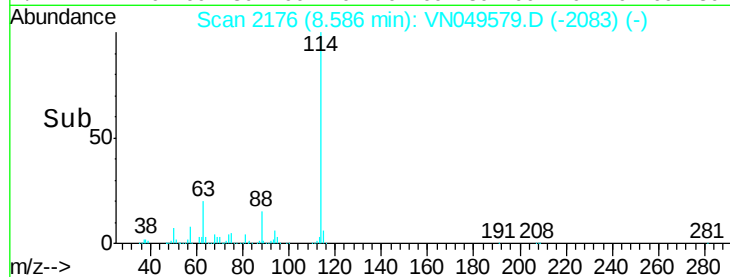
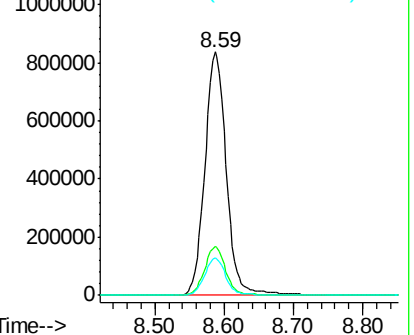
88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 42.38 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

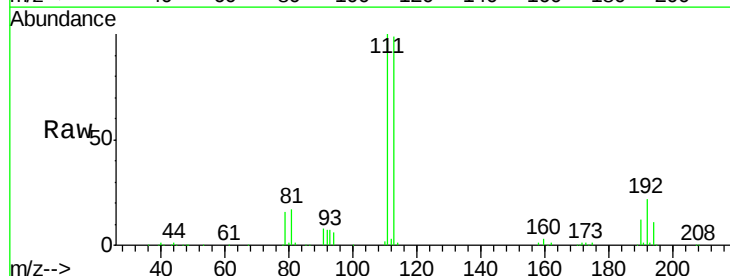
Tgt Ion:113 Resp: 619521

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

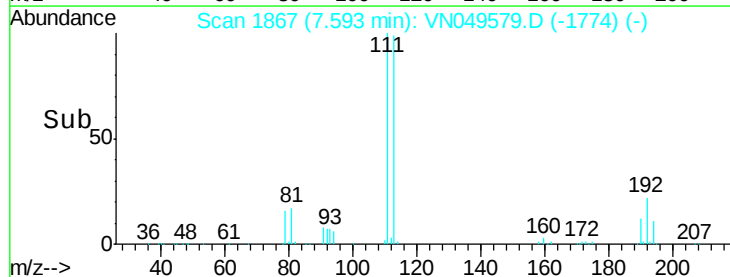
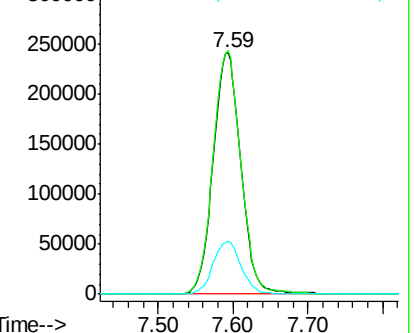
192 22.2 15.0 22.6

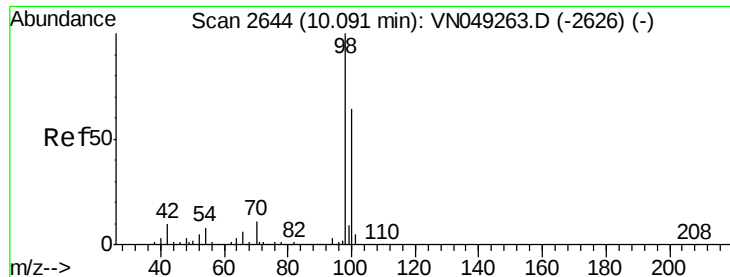


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.59 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

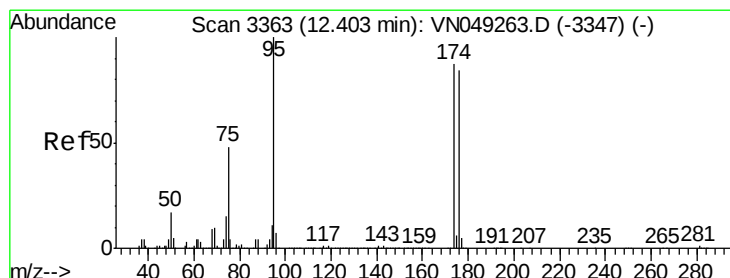
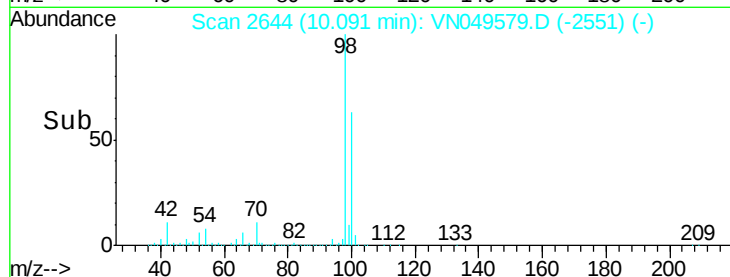
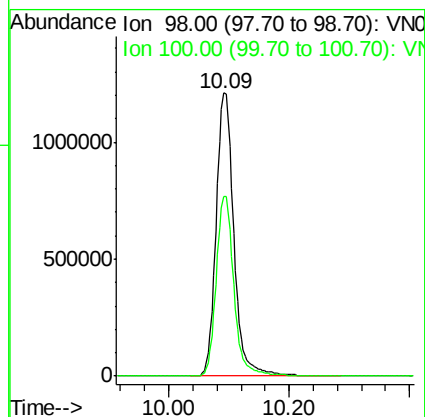
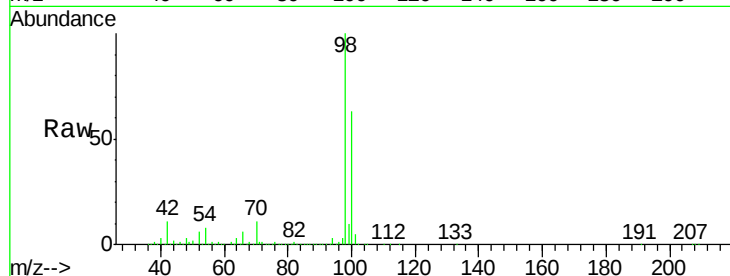
PB110627ZHE#07

Tot Ion: 98 Resp: 2426019

Ion Ratio Lower Upper

98 100

100 63.5 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 38.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

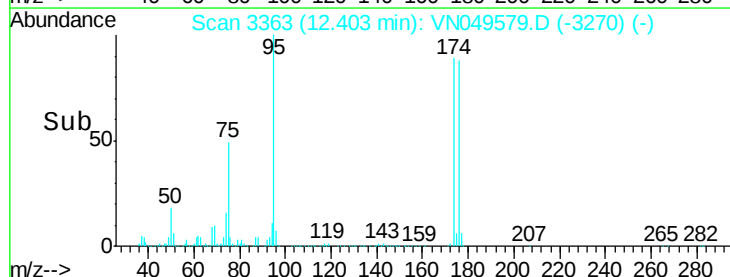
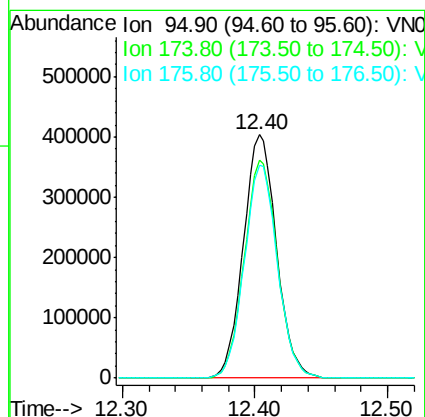
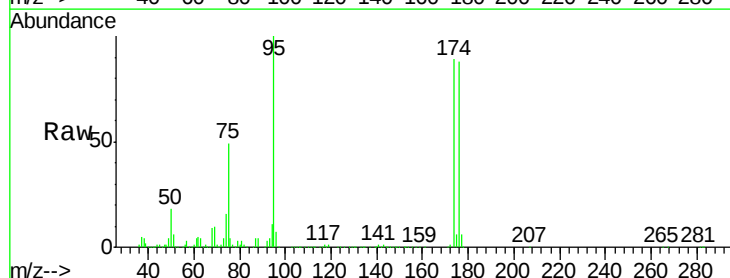
Tgt Ion: 95 Resp: 700188

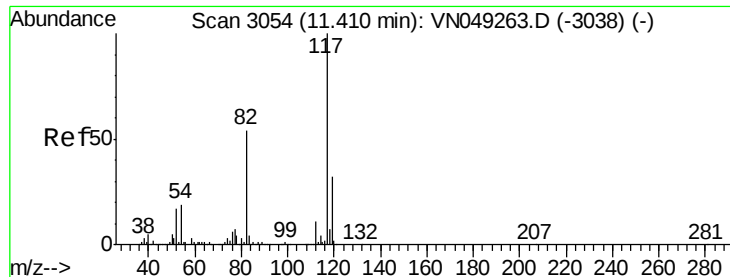
Ion Ratio Lower Upper

95 100

174 89.6 0.0 165.6

176 87.4 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: VN049579.D

Acq: 27 Jun 2018 18:14

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ClientSampleId :

PB110627ZHE#07

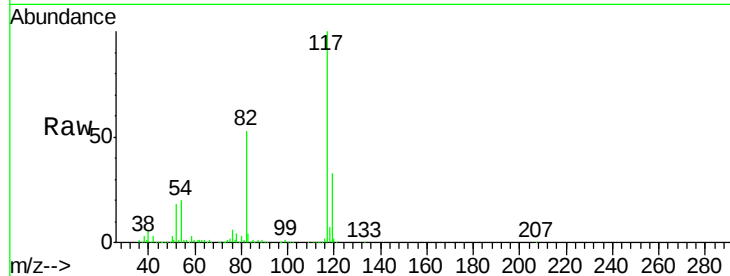
Tot Ion:117 Resp: 1486270

Ion Ratio Lower Upper

117 100

82 52.9 45.9 68.9

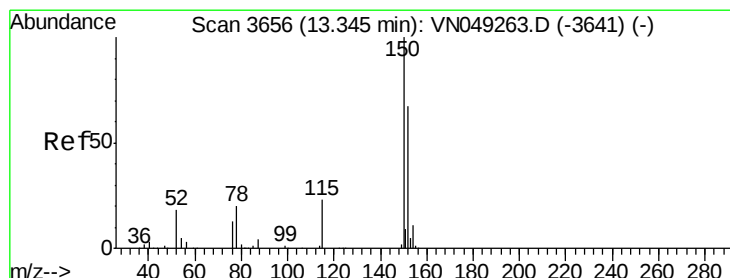
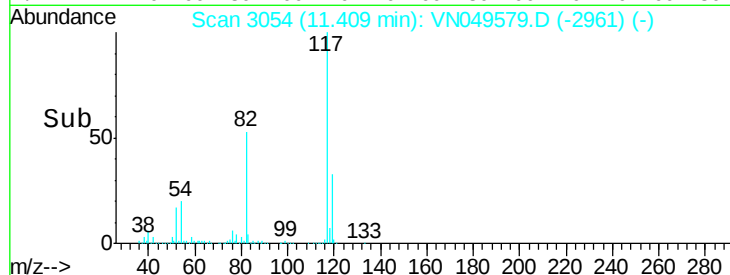
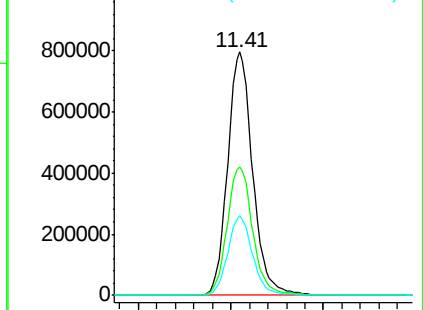
119 32.6 25.5 38.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049579.D

Acq: 27 Jun 2018 18:14

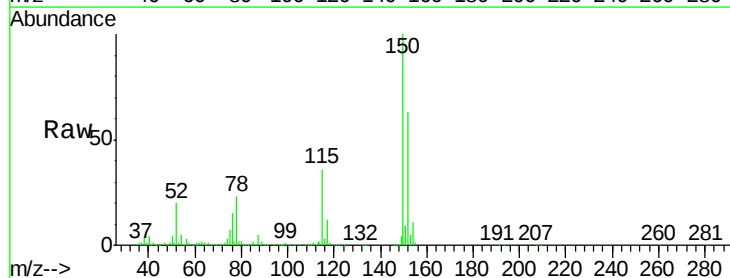
Tgt Ion:152 Resp: 595026

Ion Ratio Lower Upper

152 100

115 55.7 28.7 86.1

150 156.2 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

