

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049707.D
 Acq On : 3 Jul 2018 21:06
 Operator : MD\SY
 Sample : PB110796ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#10

Quant Time: Jul 04 00:44:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

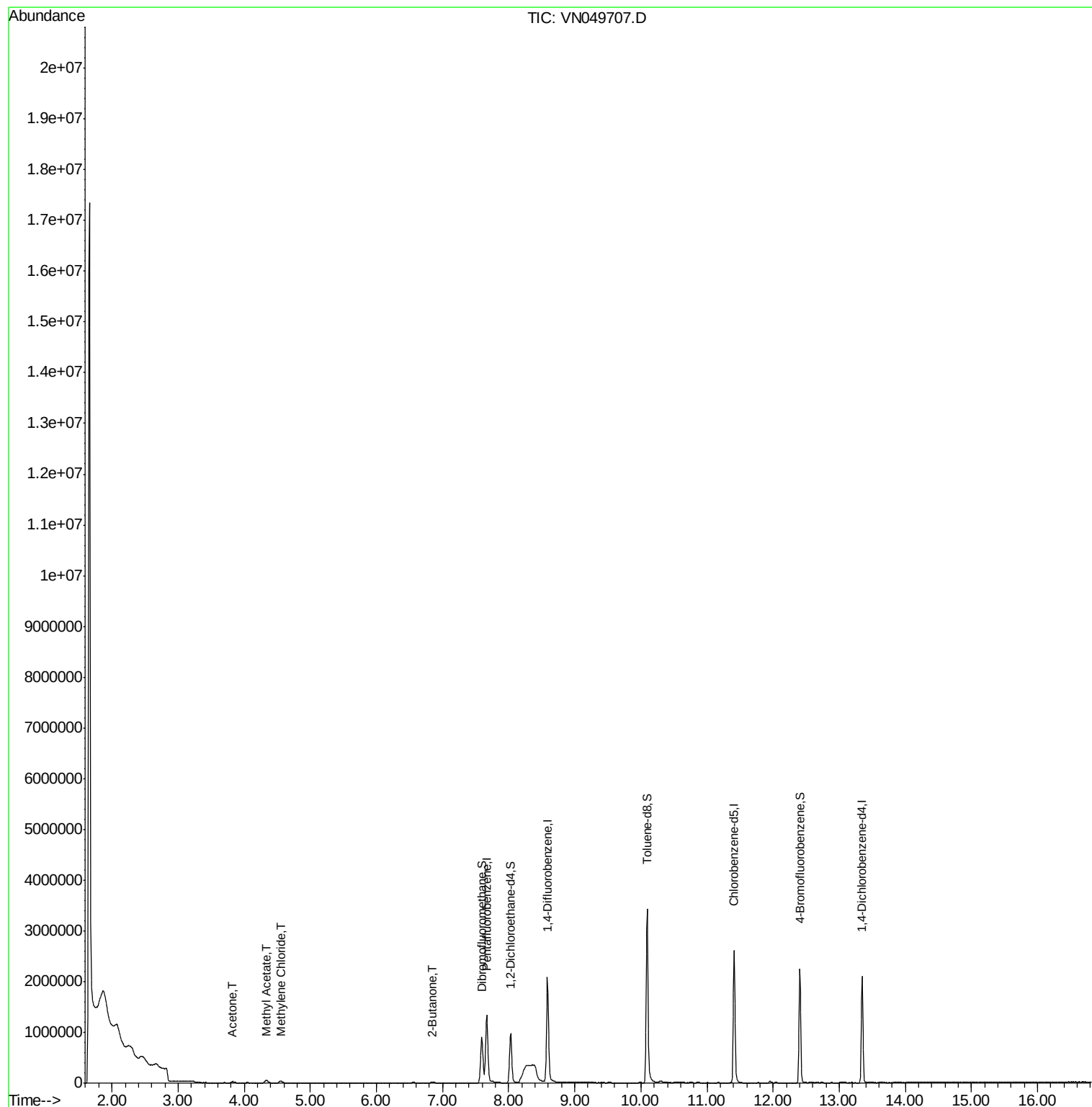
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1190604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1986002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	612967	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	839420	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.59	113	698244	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.09	98	2635017	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
62) 4-Bromofluorobenzene	12.41	95	771513	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
Target Compounds						
16) Acetone	3.82	43	42848	5.764	ug/l	97
18) Methyl Acetate	4.33	43	96984	1.703	ug/l	95
20) Methylene Chloride	4.55	84	28790	1.778	ug/l	89
25) 2-Butanone	6.85	43	20933	4.010	ug/l	98

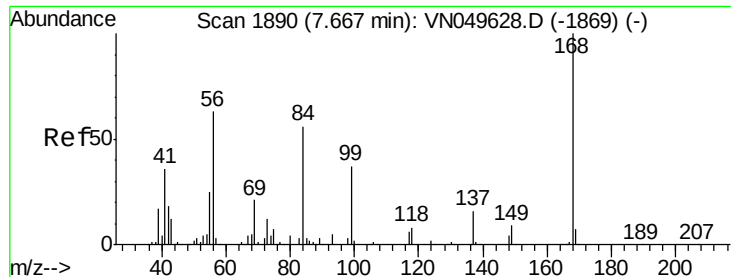
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 04 00:44:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

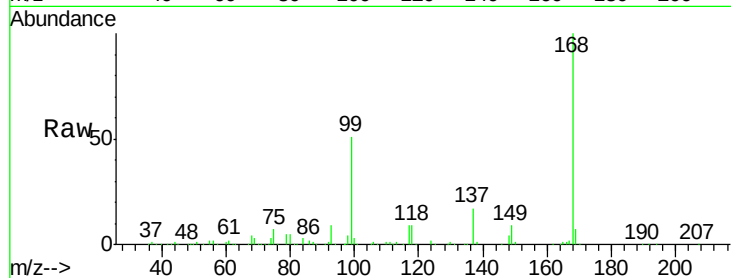
PB110796ZHE#10

Tot Ion:168 Resp: 1190604

Ion Ratio Lower Upper

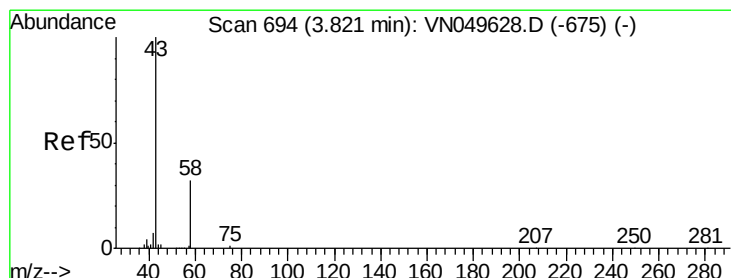
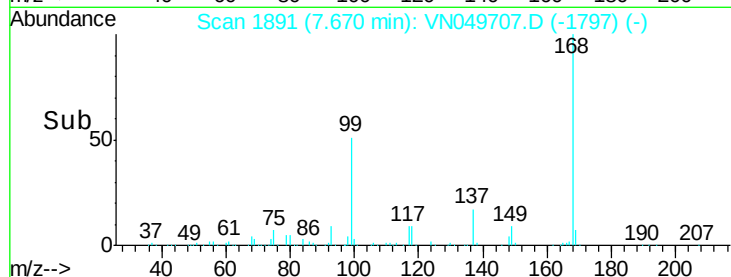
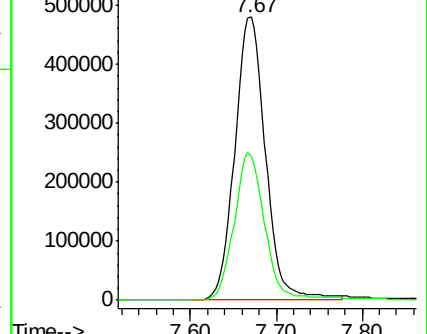
168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.764 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049707.D

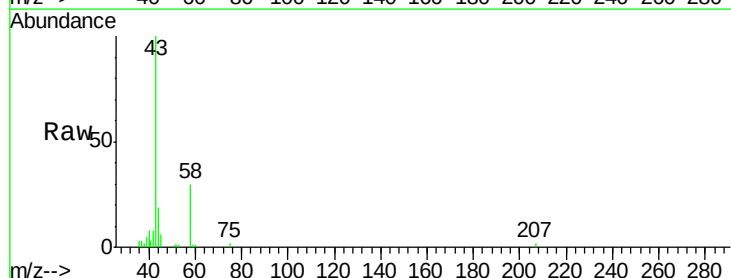
Acq: 3 Jul 2018 21:06

Tgt Ion: 43 Resp: 42848

Ion Ratio Lower Upper

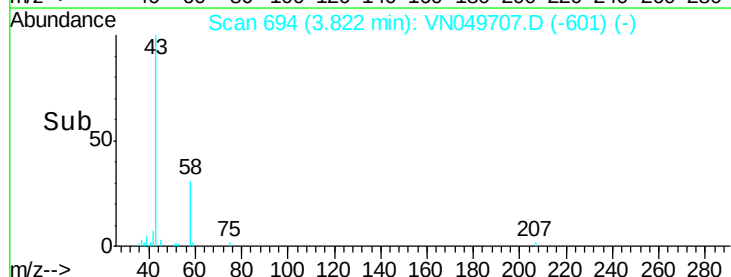
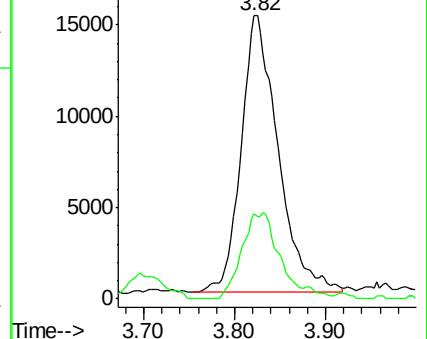
43 100

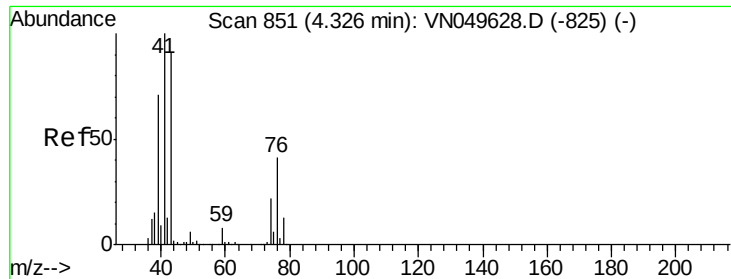
58 30.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#18

Methvl Acetate

Concen: 1.703 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

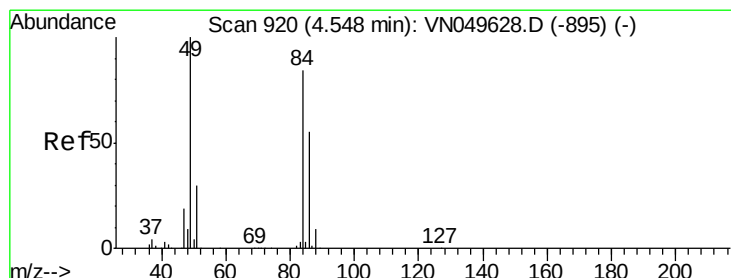
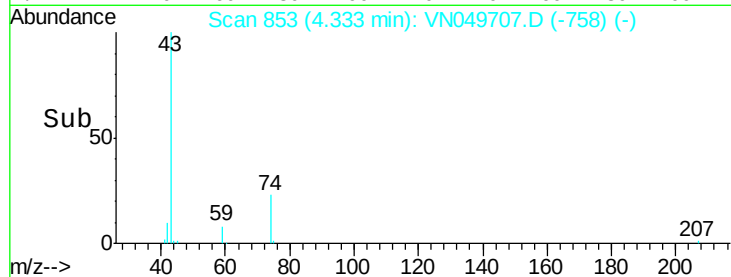
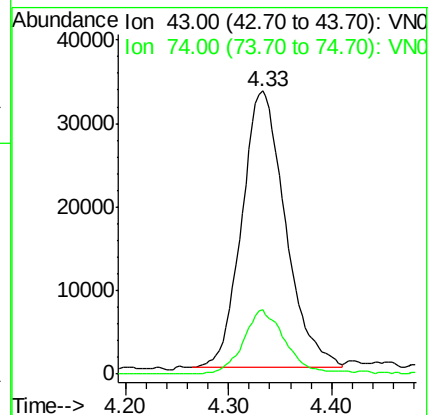
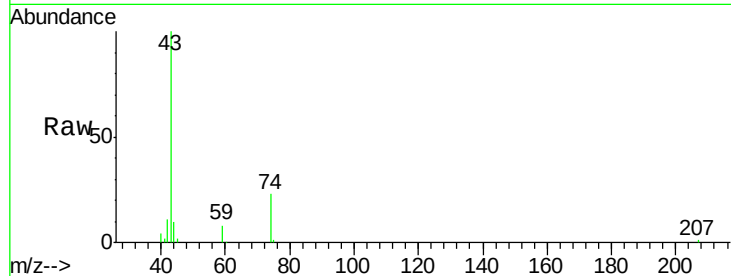
PB110796ZHE#10

Tot Ion: 43 Resp: 96984

Ion Ratio Lower Upper

43 100

74 22.2 19.8 29.8



#20

Methylene Chloride

Concen: 1.778 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Tgt Ion: 84 Resp: 28790

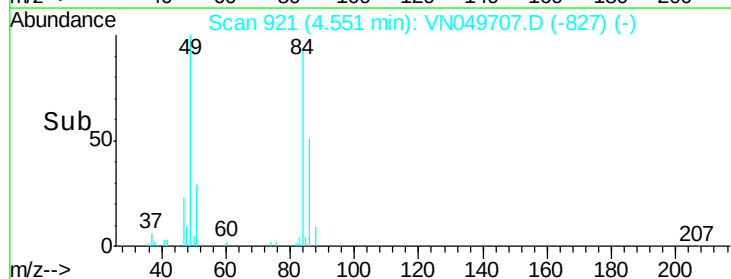
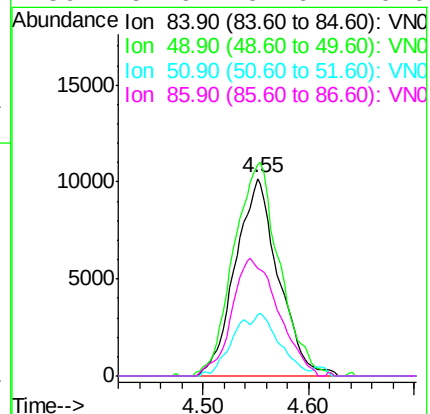
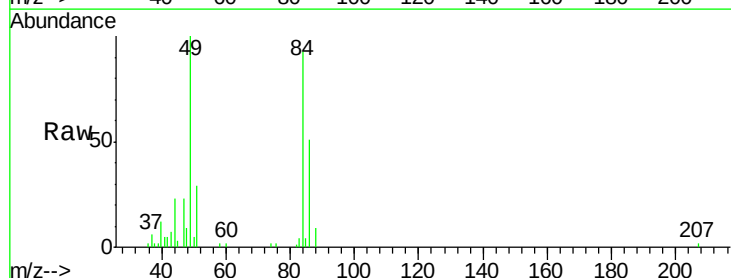
Ion Ratio Lower Upper

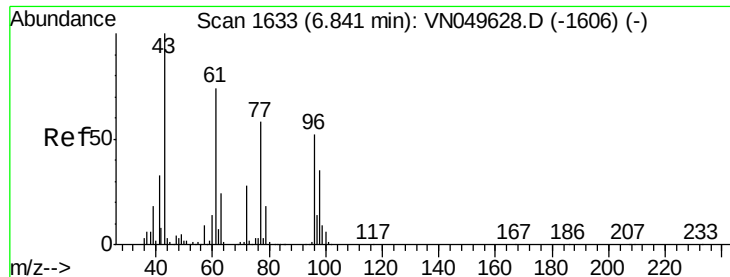
84 100

49 107.2 95.4 143.2

51 31.4 28.4 42.6

86 54.9 52.6 79.0





#25

2-Butanone

Concen: 4.010 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

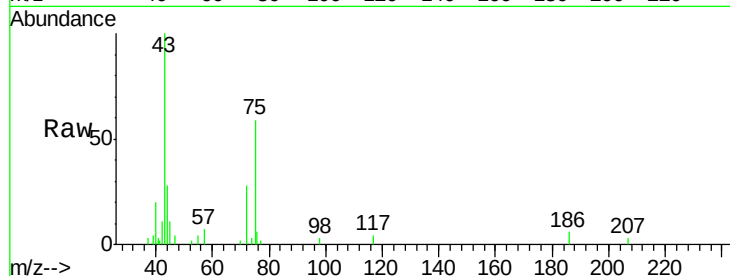
PB110796ZHE#10

Tot Ion: 43 Resp: 20933

Ion Ratio Lower Upper

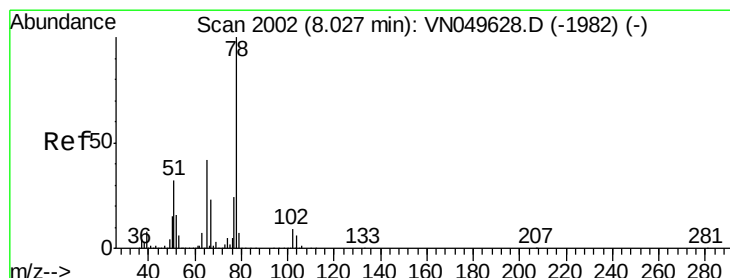
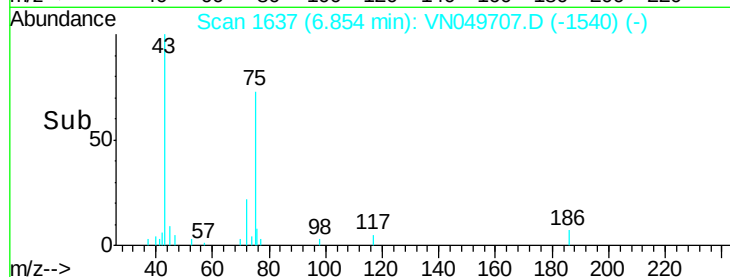
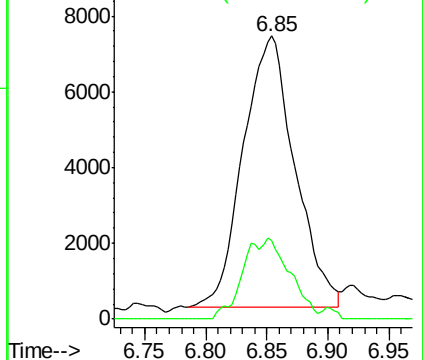
43 100

72 28.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1606) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.388 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049707.D

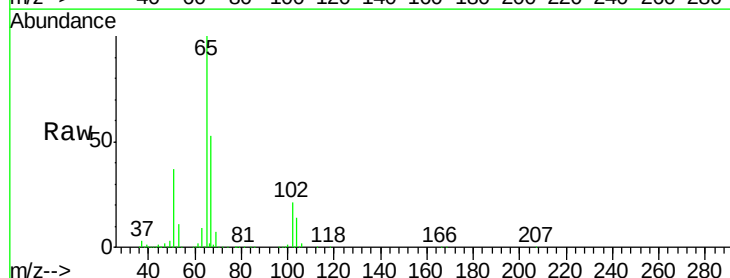
Acq: 3 Jul 2018 21:06

Tgt Ion: 65 Resp: 839420

Ion Ratio Lower Upper

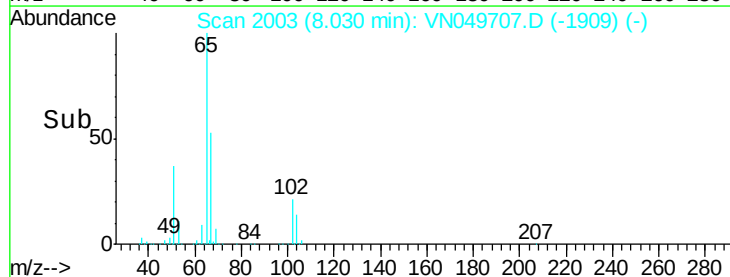
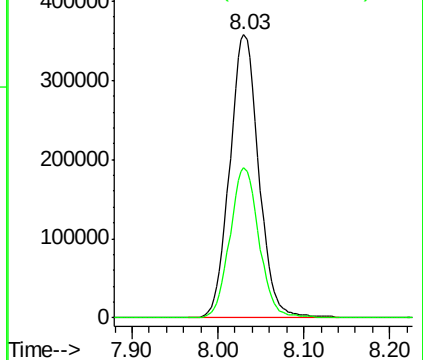
65 100

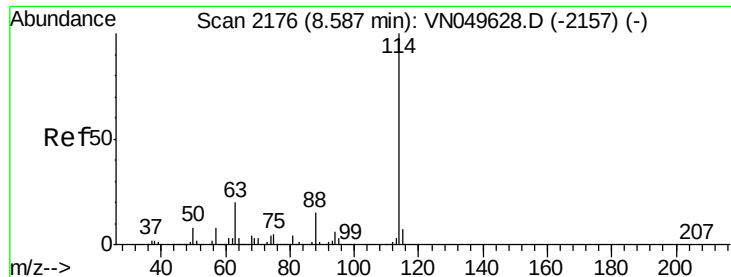
67 53.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#10

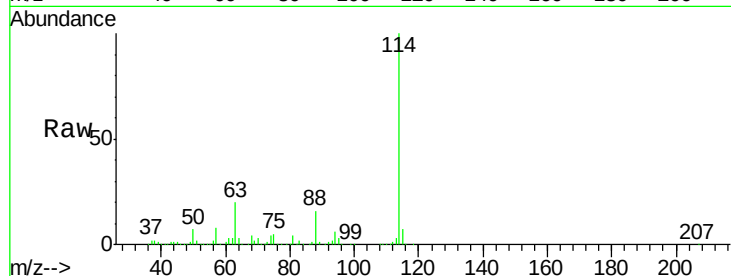
Tot Ion:114 Resp: 1986002

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

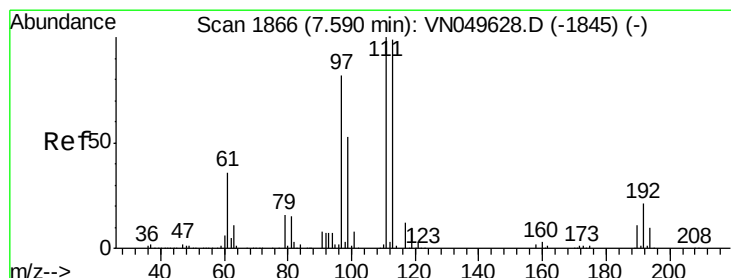
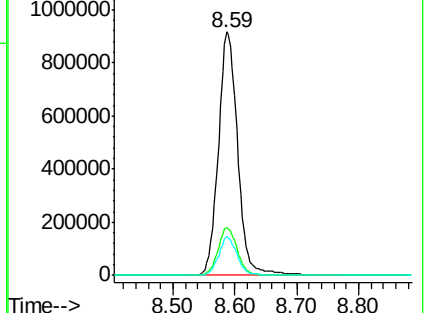
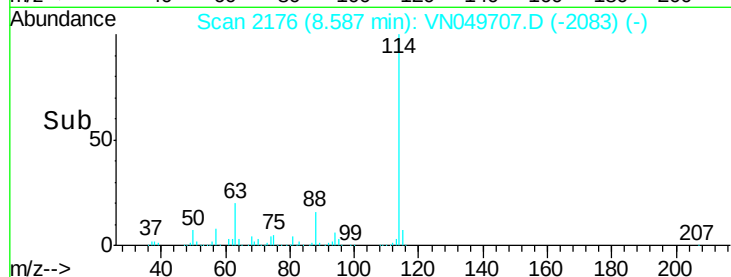
88 15.7 0.0 30.6



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: 47.028 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

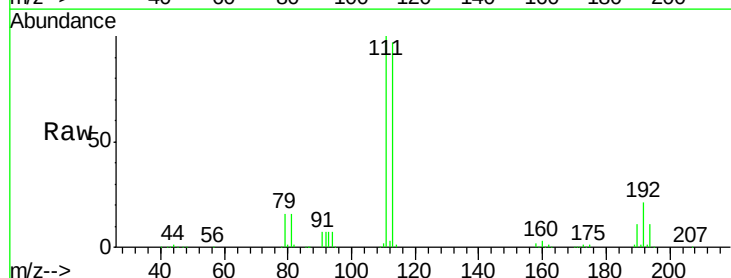
Tgt Ion:113 Resp: 698244

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.8

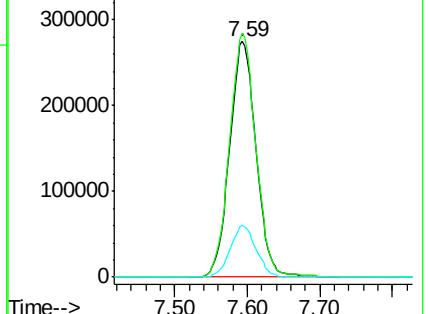
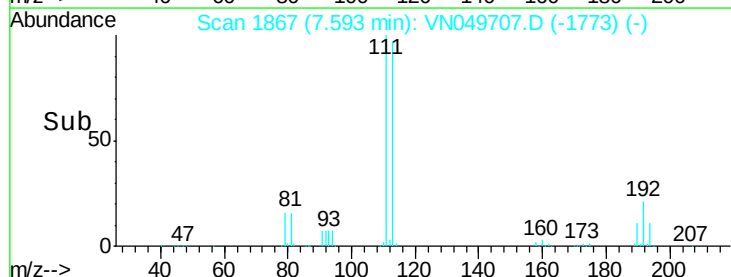
192 21.4 17.8 26.6

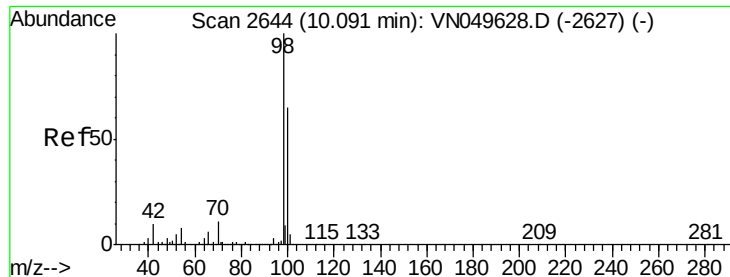


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

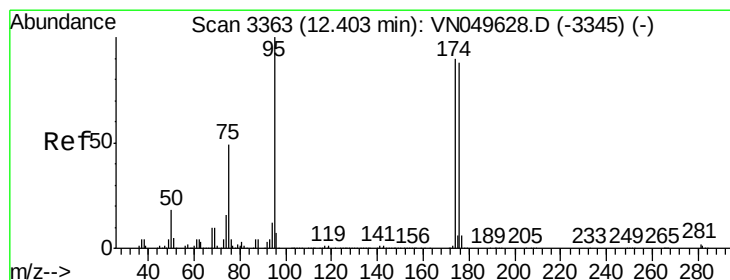
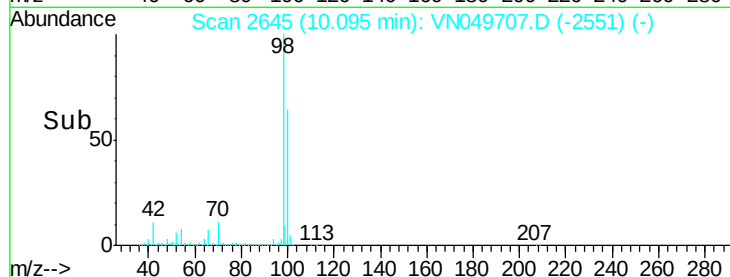
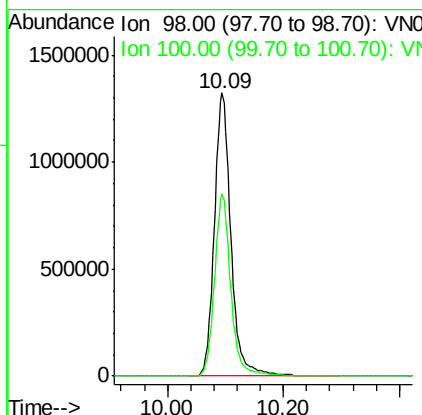
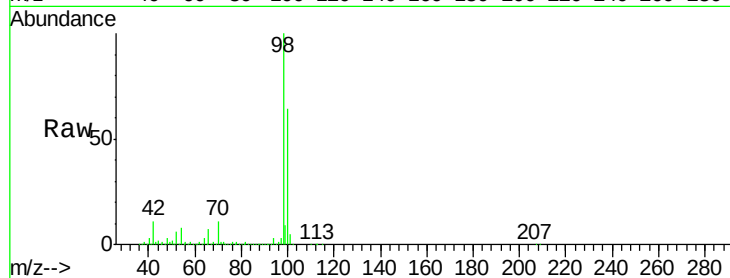




#50
Toluene-d8
Concen: 45.341 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049707.D
Acq: 3 Jul 2018 21:06

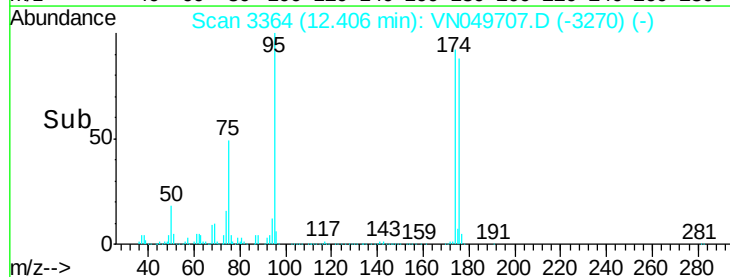
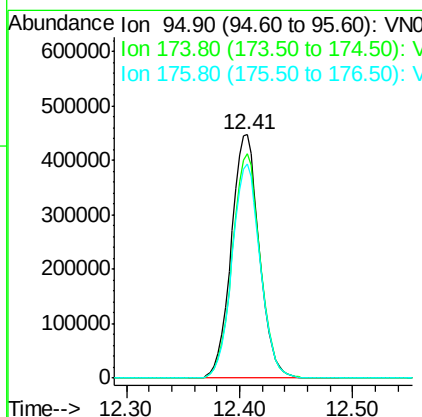
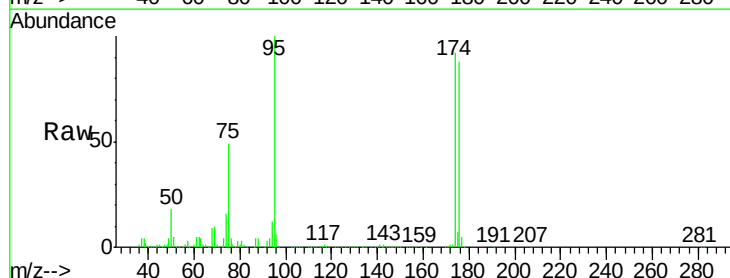
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#10

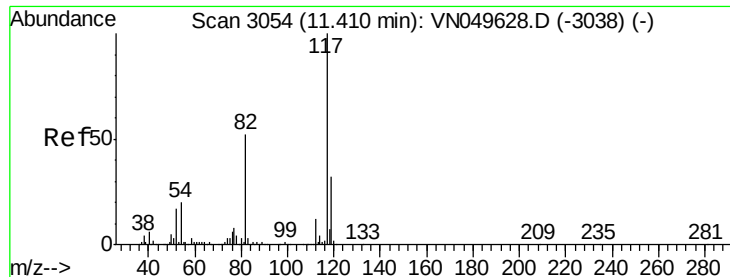
Tot Ion: 98 Resp: 2635017
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 38.884 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049707.D
Acq: 3 Jul 2018 21:06

Tgt Ion: 95 Resp: 771513
Ion Ratio Lower Upper
95 100
174 91.6 0.0 179.6
176 88.1 0.0 174.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#10

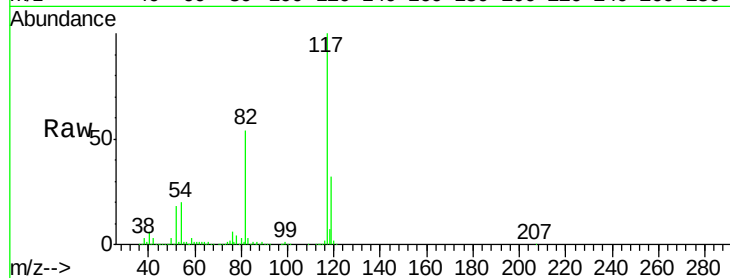
Tot Ion:117 Resp: 1649209

Ion Ratio Lower Upper

117 100

82 53.7 41.9 62.9

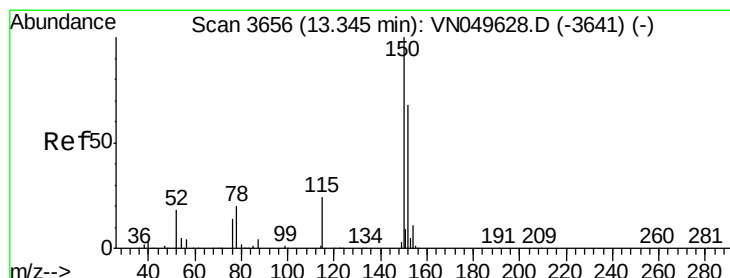
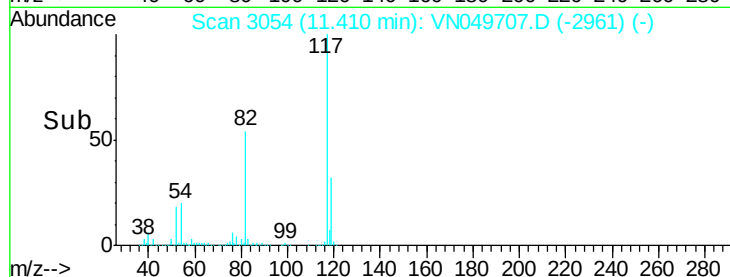
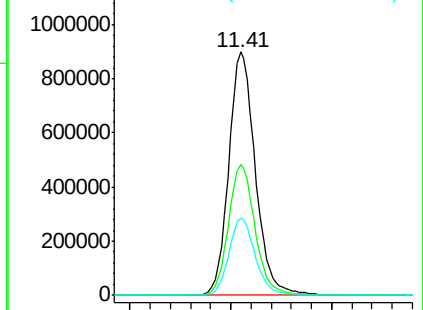
119 31.8 25.4 38.2



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: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049707.D

Acq: 3 Jul 2018 21:06

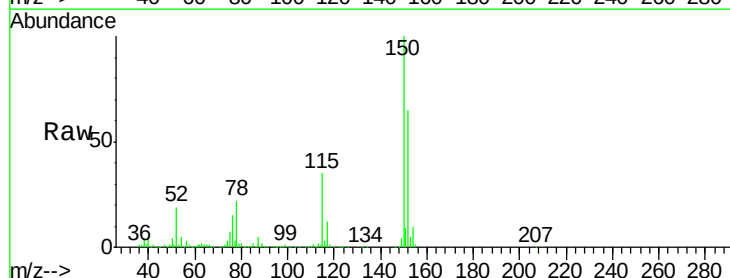
Tgt Ion:152 Resp: 612967

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 156.3 0.0 347.6



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

