

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049703.D
 Acq On : 3 Jul 2018 19:23
 Operator : MD\SY
 Sample : PB110796ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#06

Quant Time: Jul 04 00:33:34 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

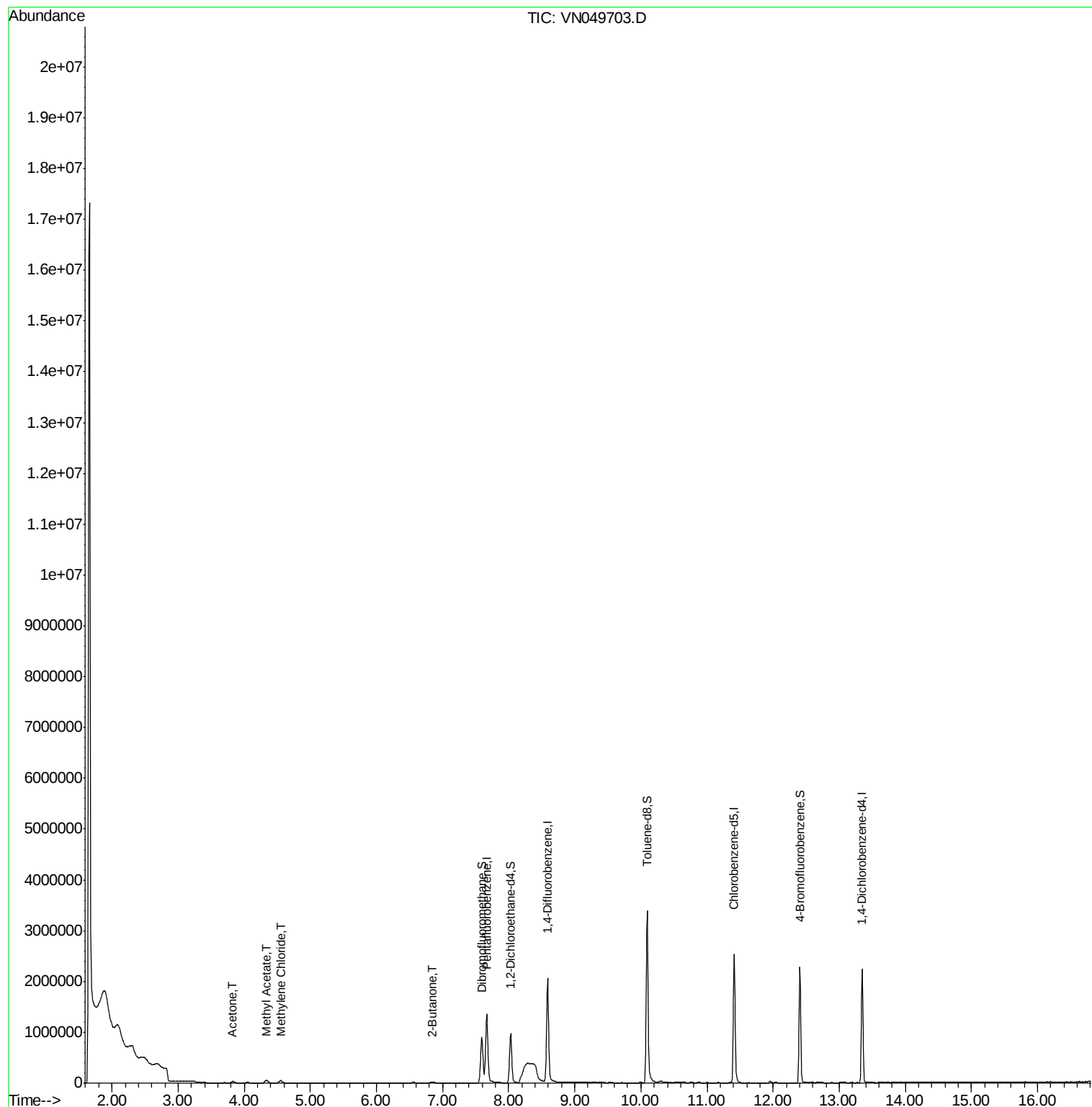
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1200788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1971035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1627618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	636522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	836162	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	701415	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	10.09	98	2610952	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
62) 4-Bromofluorobenzene	12.41	95	761060	38.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.30%	
Target Compounds						
16) Acetone	3.82	43	42656	5.583	ug/l	94
18) Methyl Acetate	4.34	43	97245	1.657	ug/l	95
20) Methylene Chloride	4.55	84	30091	1.843	ug/l	93
25) 2-Butanone	6.85	43	21316	4.049	ug/l	94

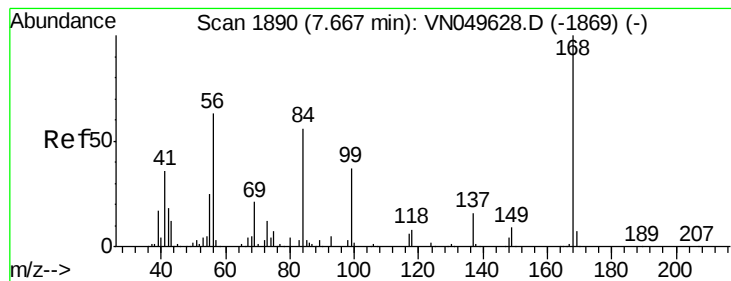
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 04 00:33:34 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: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

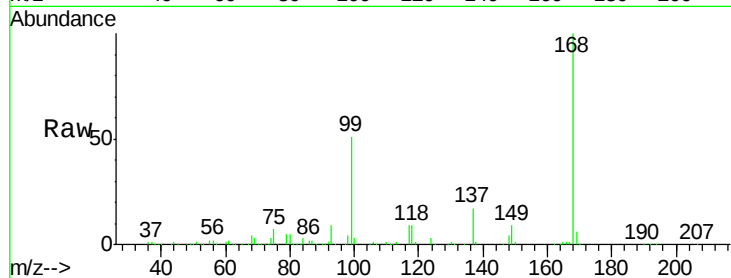
PB110796ZHE#06

Tot Ion:168 Resp: 1200788

Ion Ratio Lower Upper

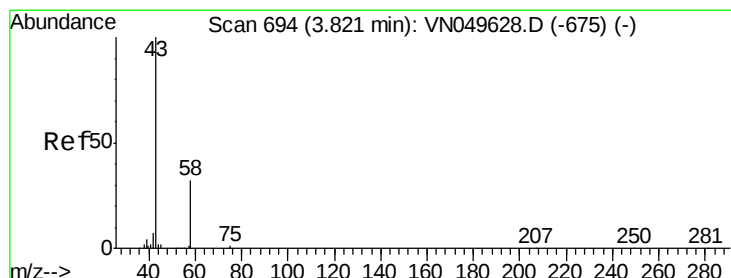
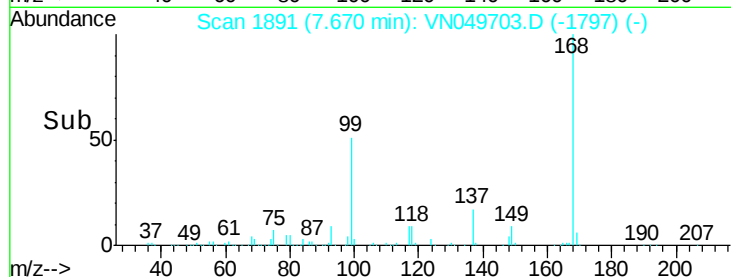
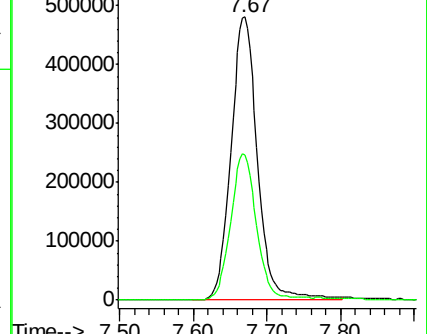
168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.583 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049703.D

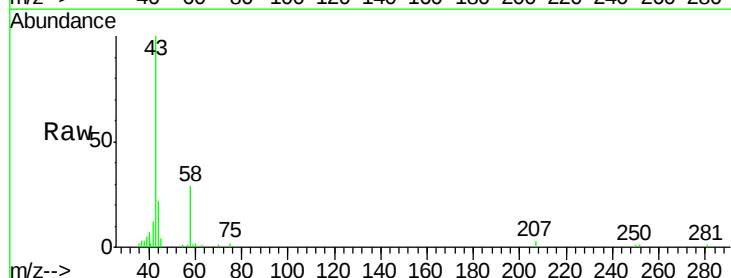
Acq: 3 Jul 2018 19:23

Tgt Ion: 43 Resp: 42656

Ion Ratio Lower Upper

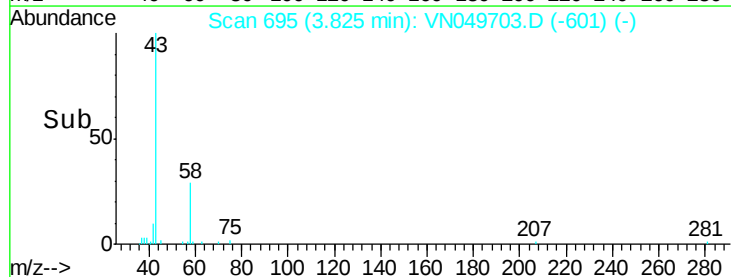
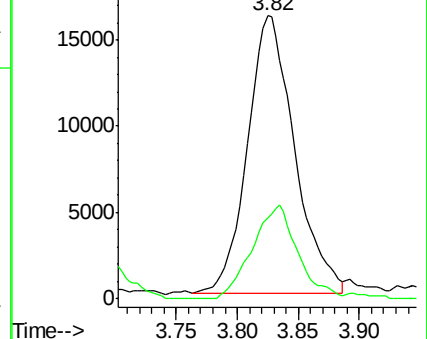
43 100

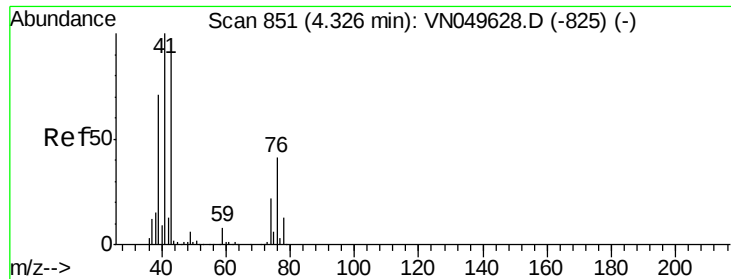
58 29.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

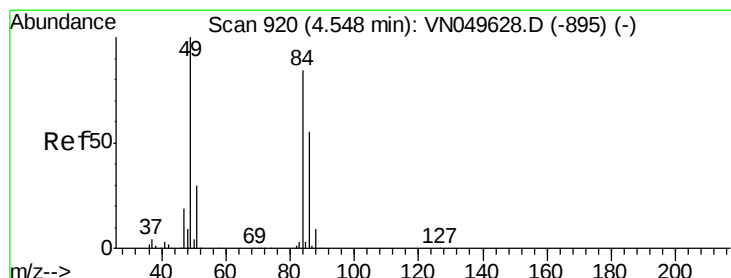
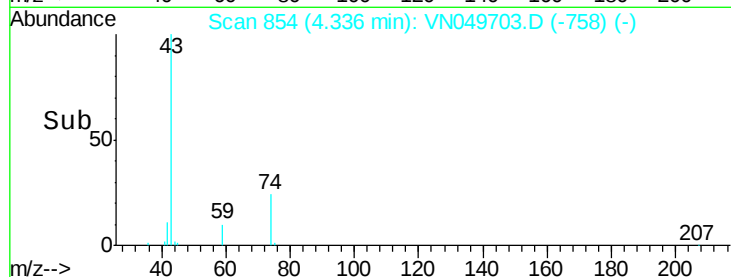
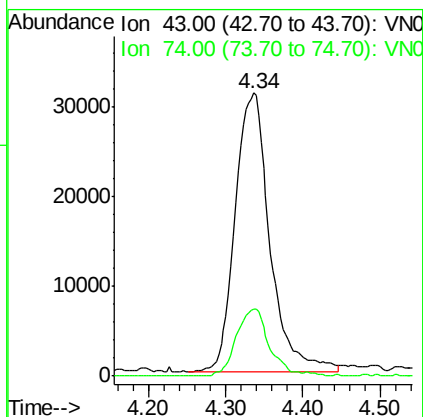
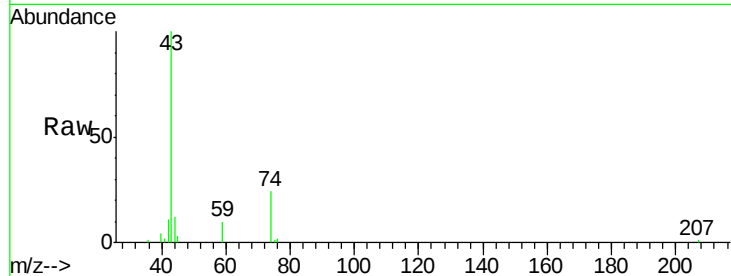




#18
Methvl Acetate
Concen: 1.657 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

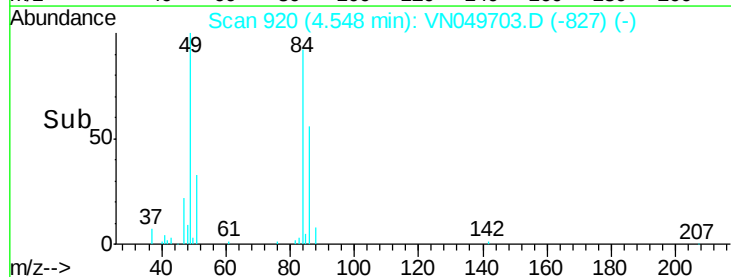
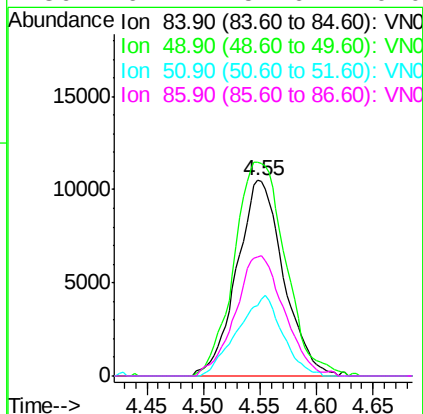
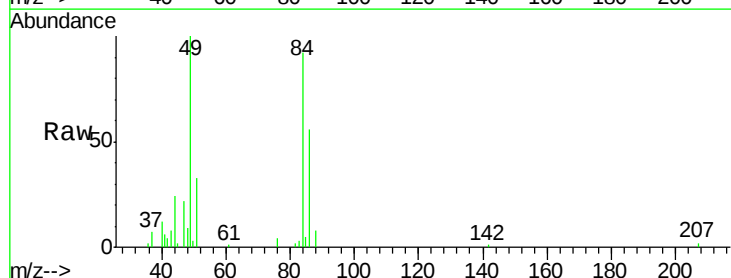
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#06

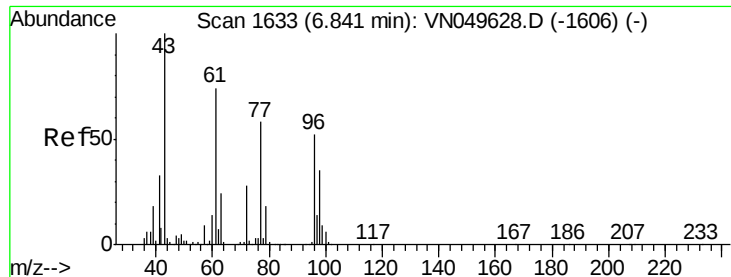
Tot Ion: 43 Resp: 97245
Ion Ratio Lower Upper
43 100
74 22.1 19.8 29.8



#20
Methylene Chloride
Concen: 1.843 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion: 84 Resp: 30091
Ion Ratio Lower Upper
84 100
49 109.2 95.4 143.2
51 36.2 28.4 42.6
86 61.2 52.6 79.0





#25

2-Butanone

Concen: 4.049 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

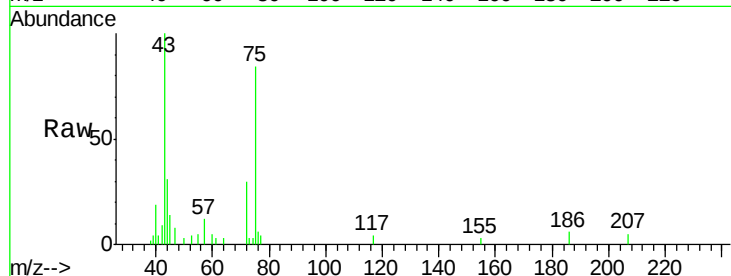
PB110796ZHE#06

Tot Ion: 43 Resp: 21316

Ion Ratio Lower Upper

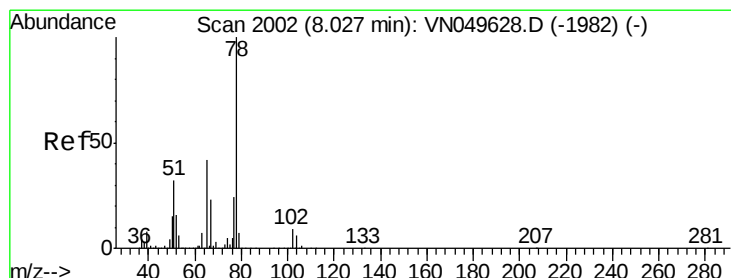
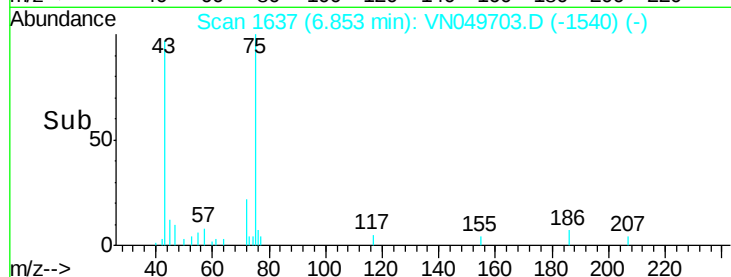
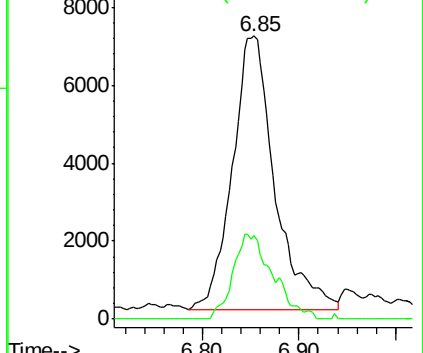
43 100

72 30.8 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: 52.730 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049703.D

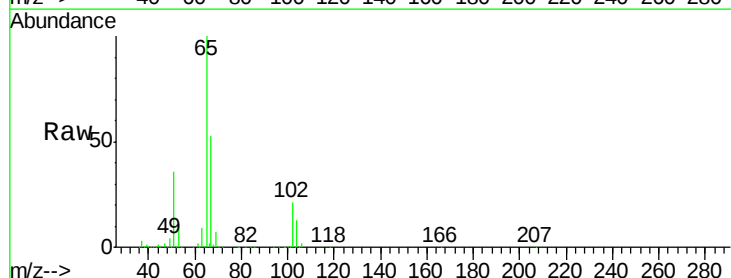
Acq: 3 Jul 2018 19:23

Tgt Ion: 65 Resp: 836162

Ion Ratio Lower Upper

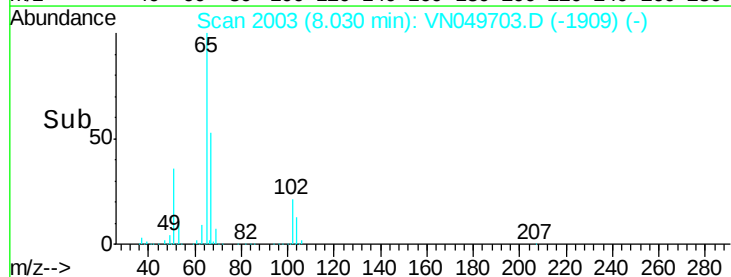
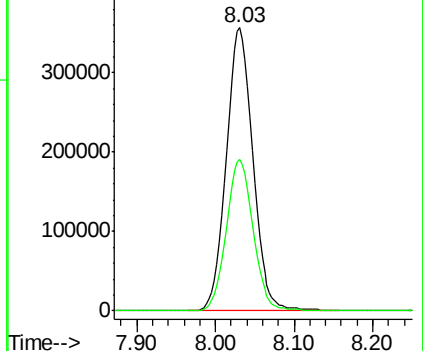
65 100

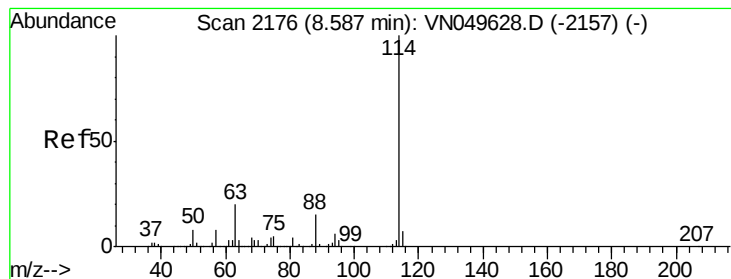
67 53.8 0.0 107.2



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# 2177

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#06

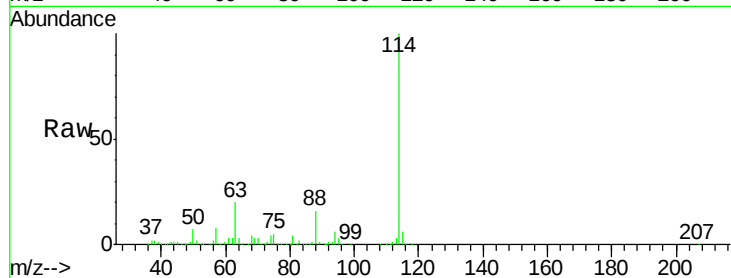
Tot Ion:114 Resp: 1971035

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

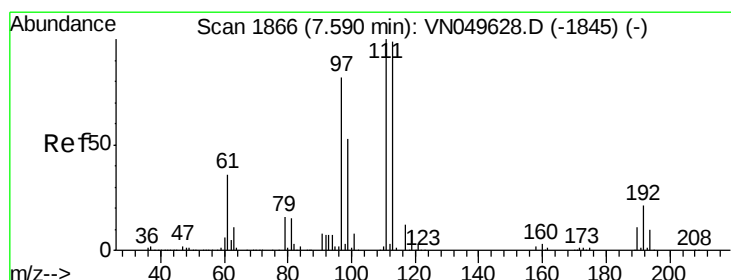
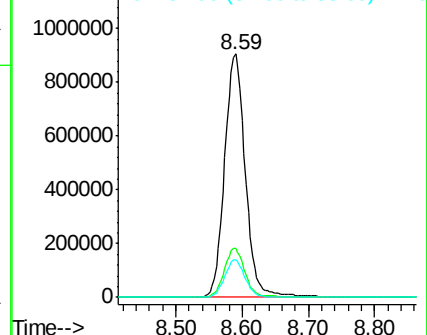
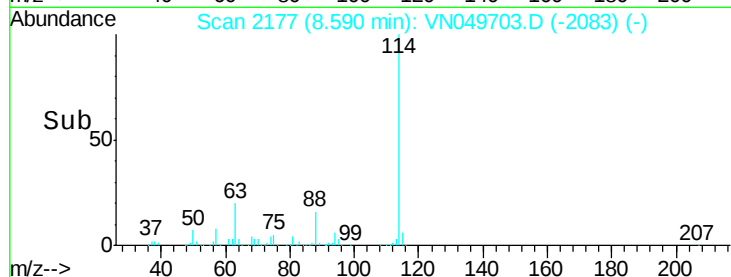
88 15.5 0.0 30.6



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: 47.600 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049703.D

Acq: 3 Jul 2018 19:23

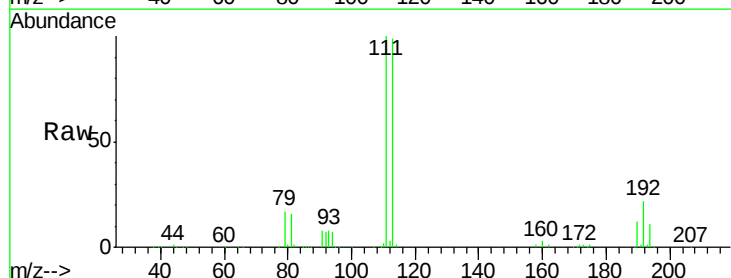
Tgt Ion:113 Resp: 701415

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

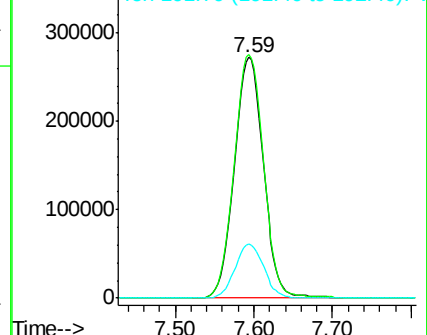
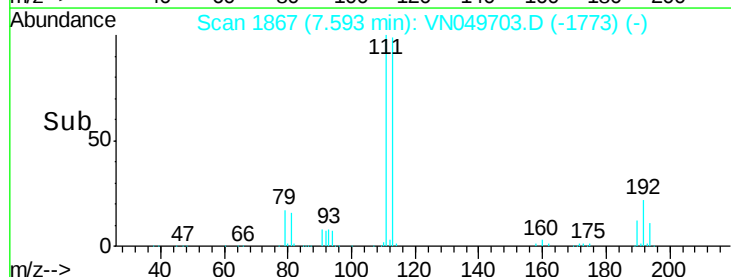
192 22.1 17.8 26.6

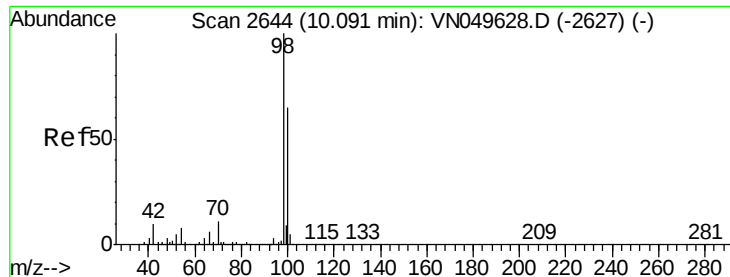


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

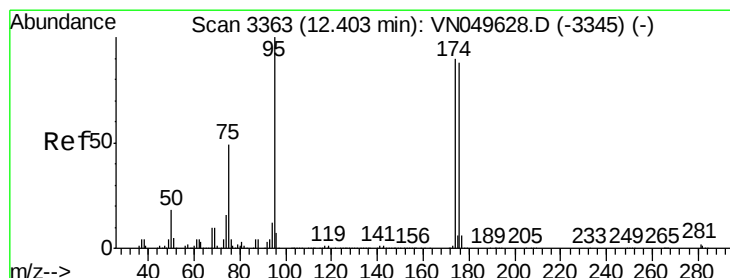
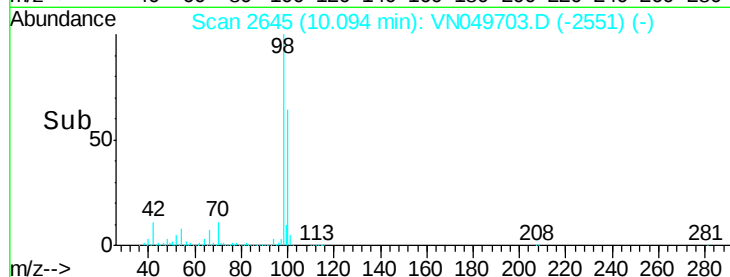
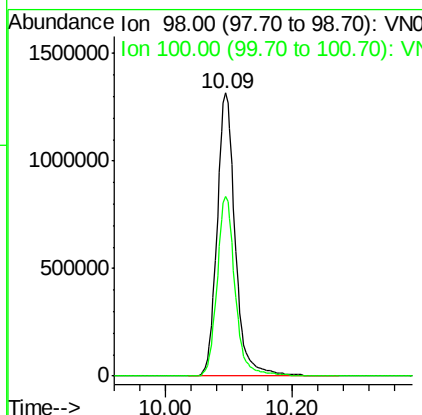
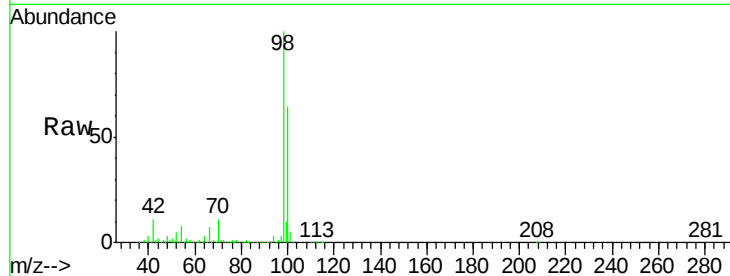




#50
Toluene-d8
Concen: 45.268 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

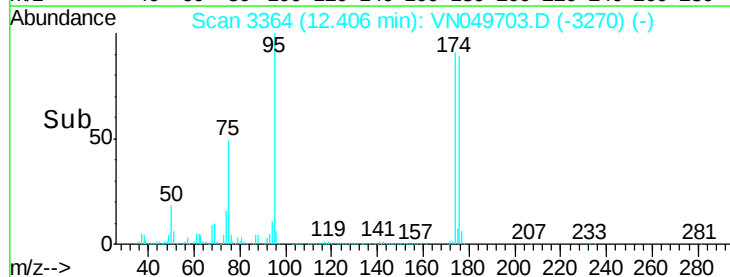
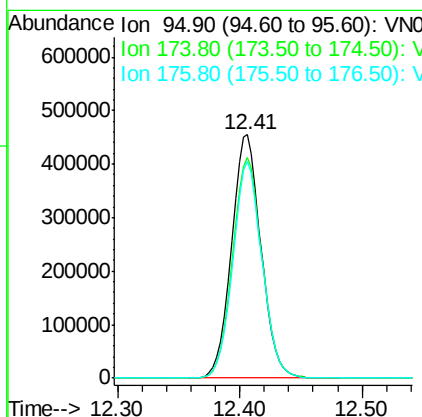
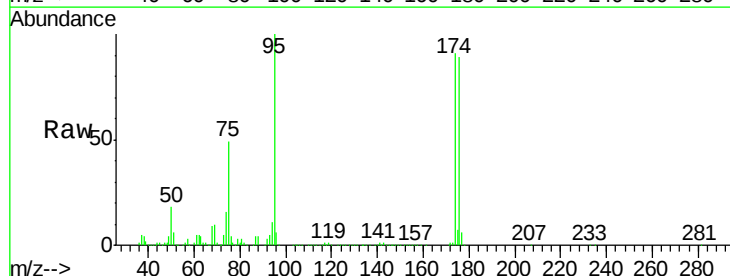
Instrument :
MSVOA_N
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PB110796ZHE#06

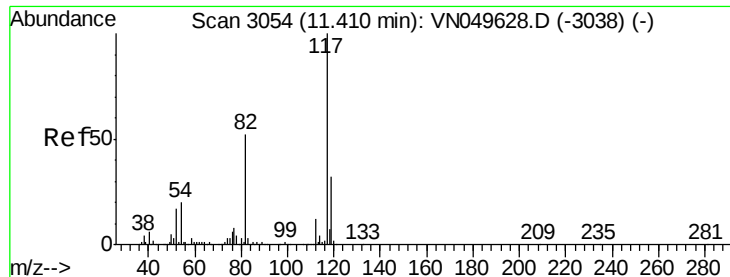
Tot Ion: 98 Resp: 2610952
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 38.648 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049703.D
Acq: 3 Jul 2018 19:23

Tgt Ion: 95 Resp: 761060
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.6
176 87.8 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: VN049703.D

Acq: 3 Jul 2018 19:23

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#06

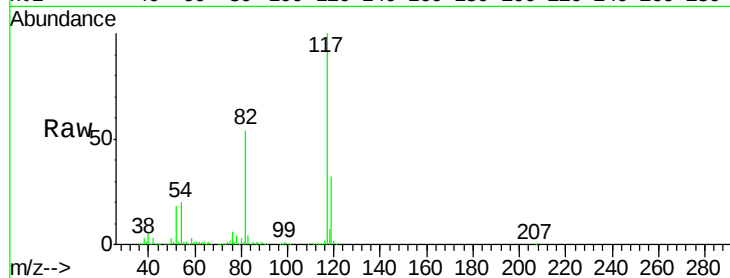
Tot Ion:117 Resp: 1627618

Ion Ratio Lower Upper

117 100

82 53.5 41.9 62.9

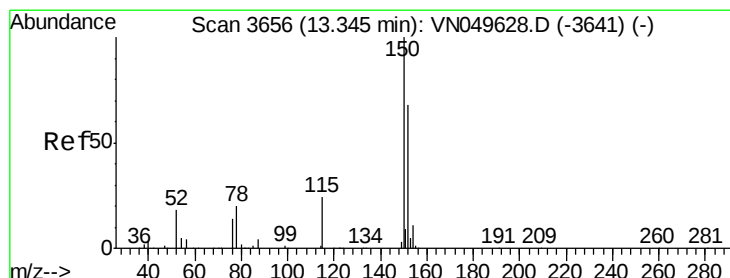
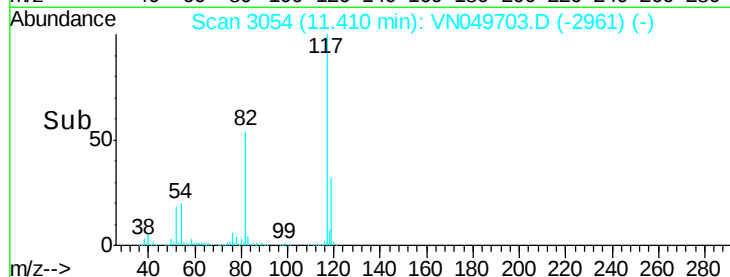
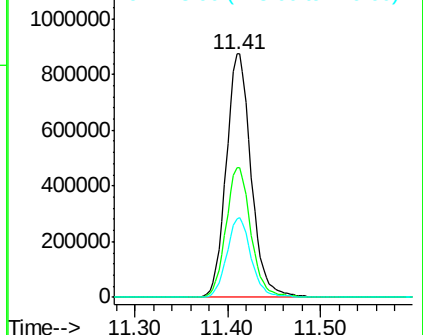
119 32.5 25.4 38.2



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: VN049703.D

Acq: 3 Jul 2018 19:23

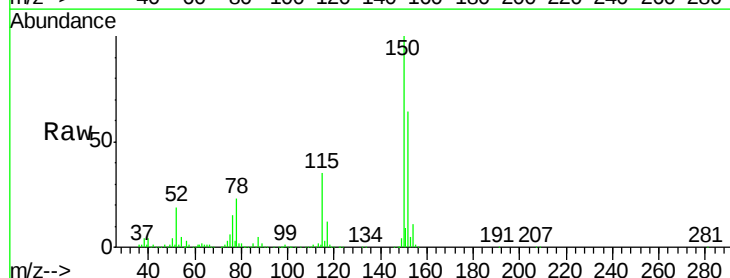
Tgt Ion:152 Resp: 636522

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

150 157.3 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

