

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052896.D
 Acq On : 14 Dec 2018 18:38
 Operator : MD\SY
 Sample : J6403-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-B

Quant Time: Dec 15 03:39:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

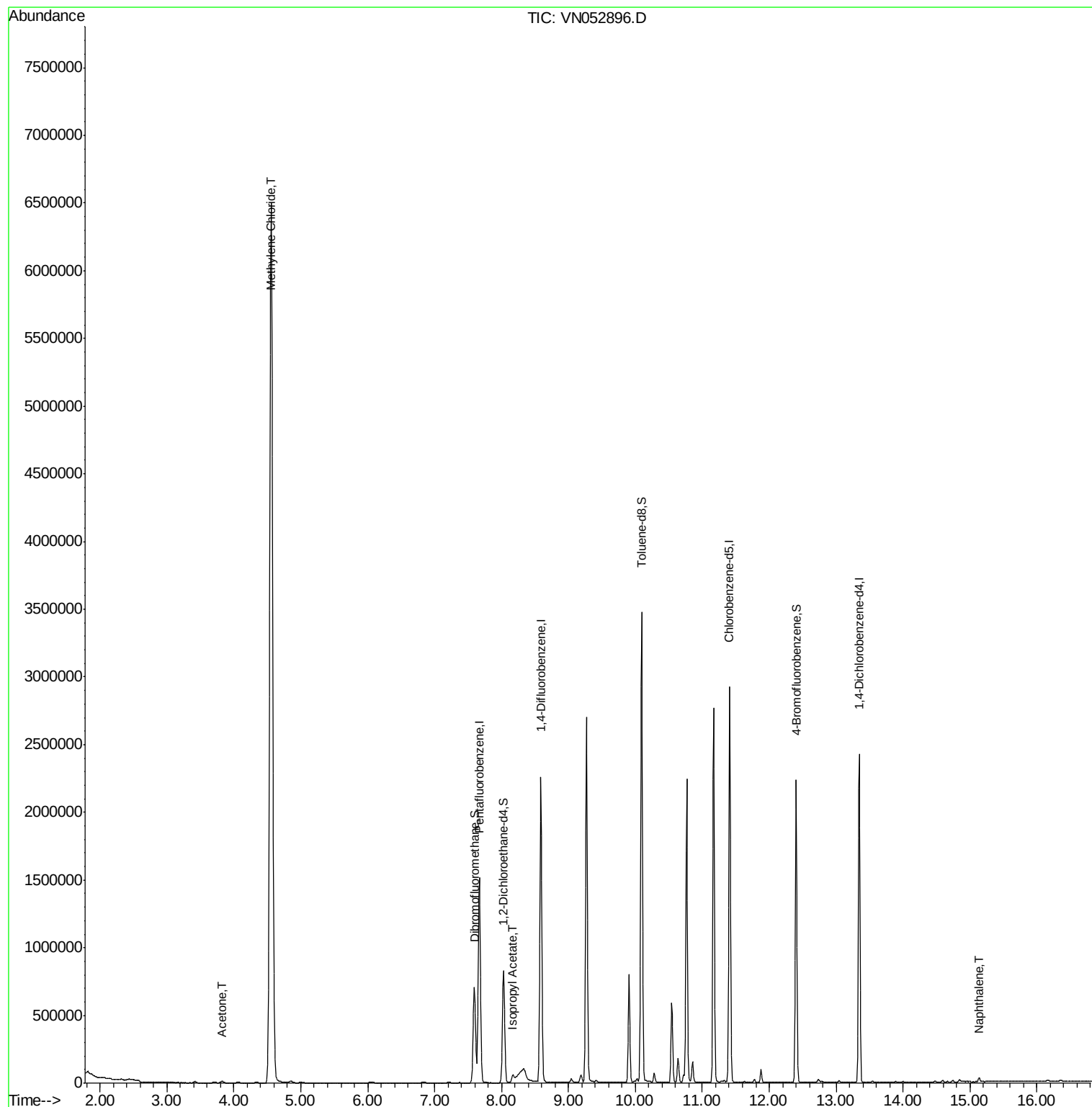
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1336507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2071668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1776716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	690476	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
35) Dibromofluoromethane	7.59	113	538355	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
50) Toluene-d8	10.09	98	2484175	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	777501	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
Target Compounds						
16) Acetone	3.82	43	20541	6.436	ug/l	95
20) Methylene Chloride	4.56	84	5063718	352.547	ug/l	98
43) Isopropyl Acetate	8.17	43	77125	3.282	ug/l #	79
95) Naphthalene	15.13	128	26679	1.061	ug/l	99

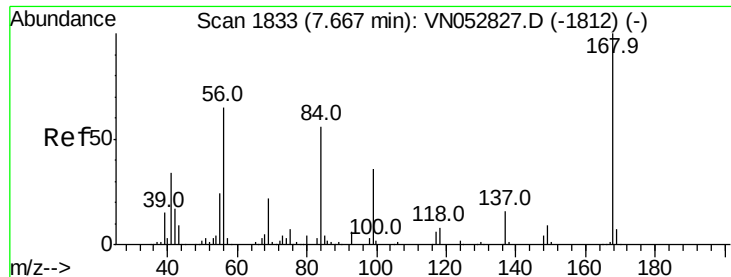
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052896.D

Acq: 14 Dec 2018 18:38

Instrument :

MSVOA_N

ClientSampled :

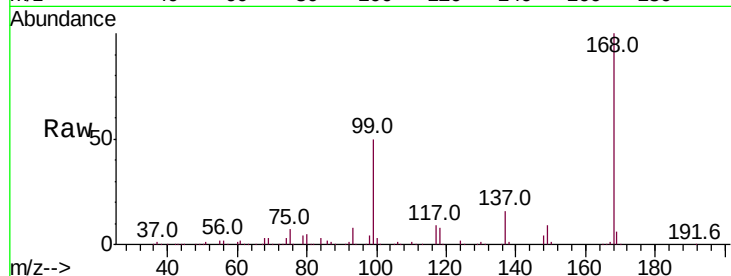
TP-1-B

Tot Ion:168 Resp: 1336507

Ion Ratio Lower Upper

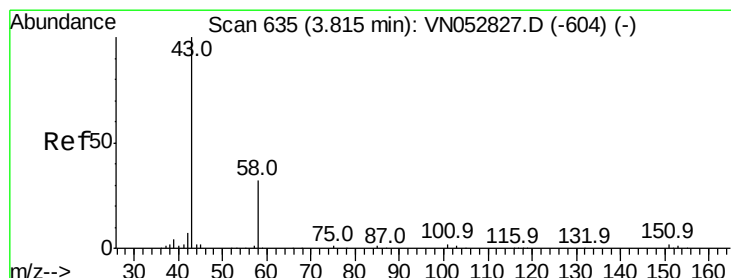
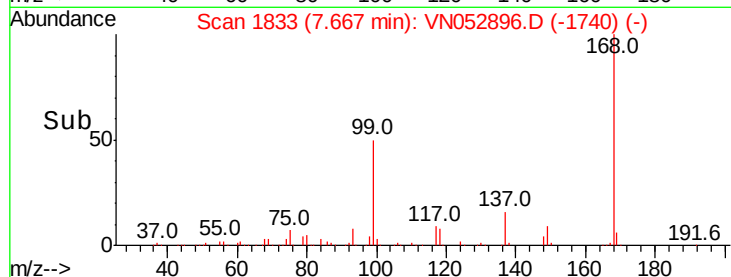
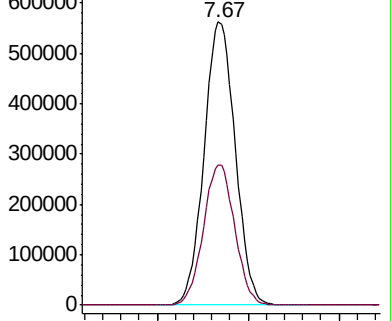
168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.436 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052896.D

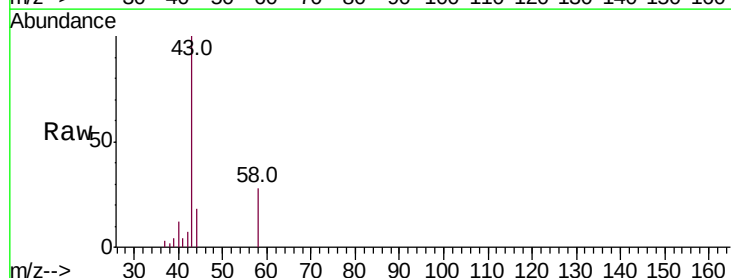
Acq: 14 Dec 2018 18:38

Tgt Ion: 43 Resp: 20541

Ion Ratio Lower Upper

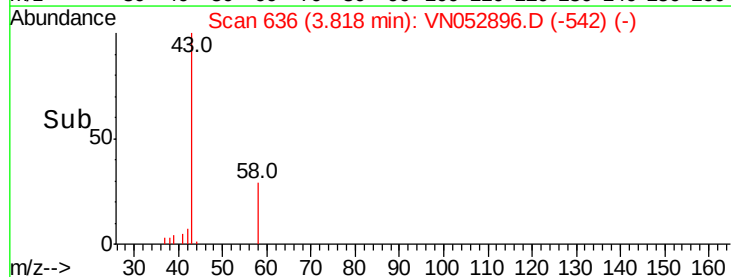
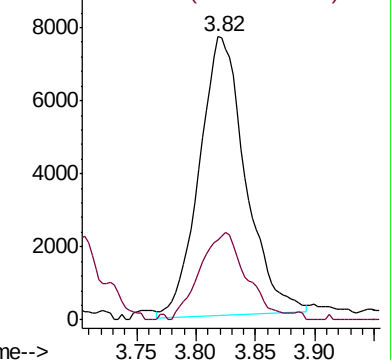
43 100

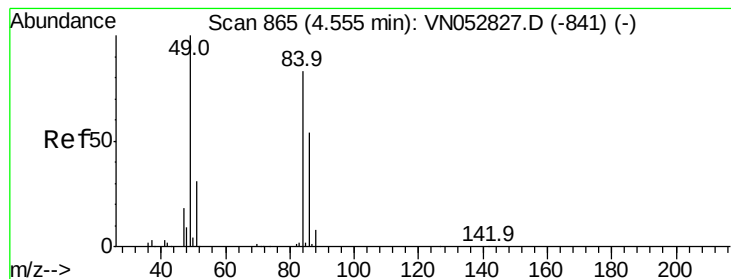
58 29.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 352.547 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052896.D

Acq: 14 Dec 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1-B

Tot Ion: 84 Resp: 5063718

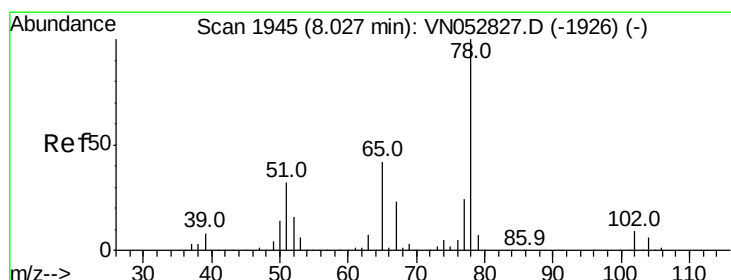
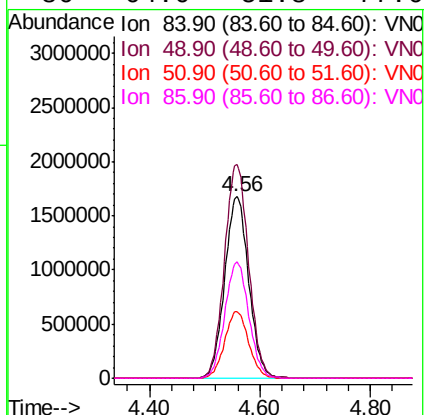
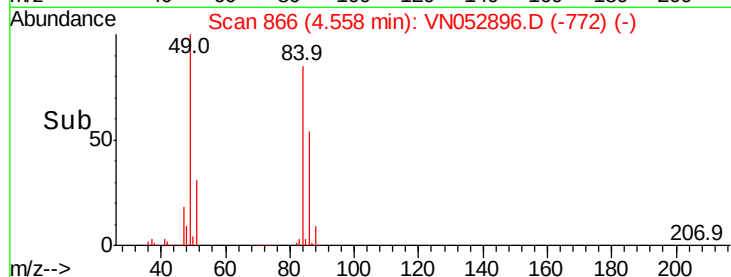
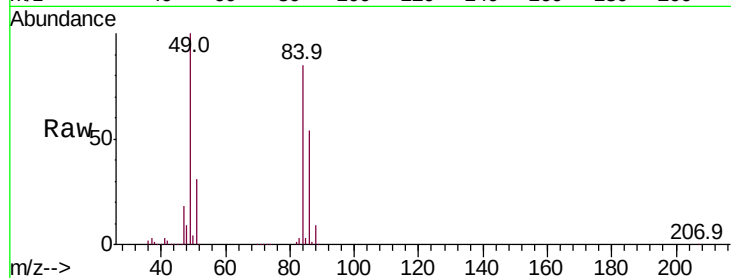
Ion Ratio Lower Upper

84 100

49 117.9 96.8 145.2

51 36.9 29.9 44.9

86 64.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052896.D

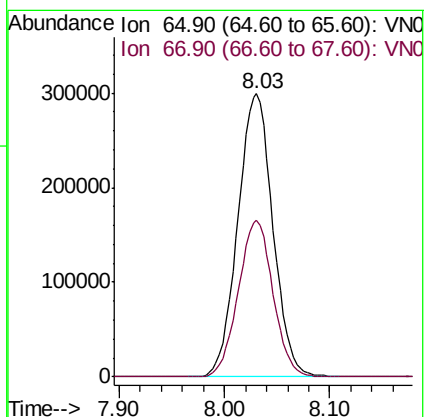
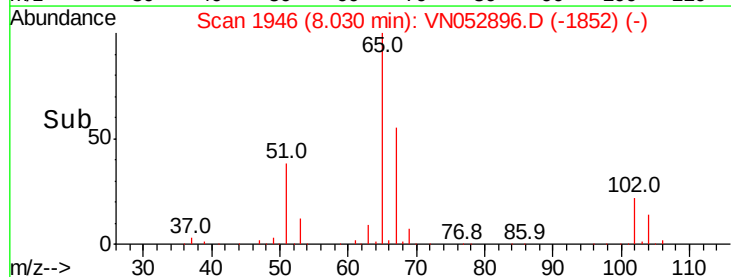
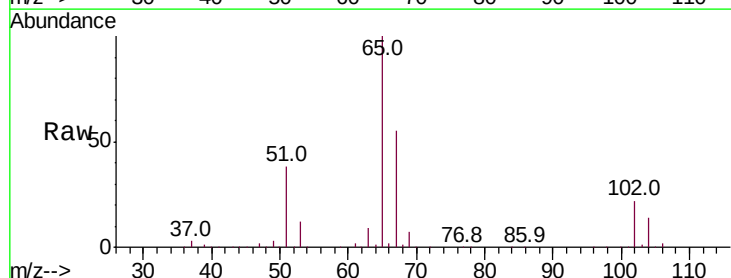
Acq: 14 Dec 2018 18:38

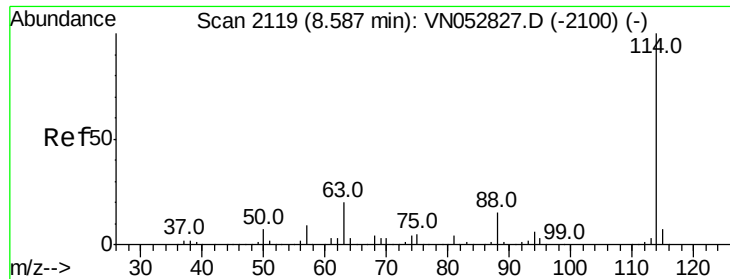
Tgt Ion: 65 Resp: 690476

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.4

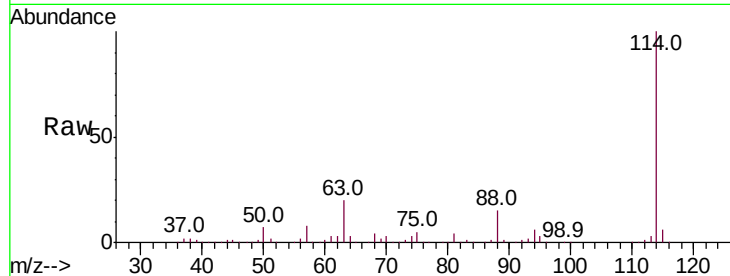




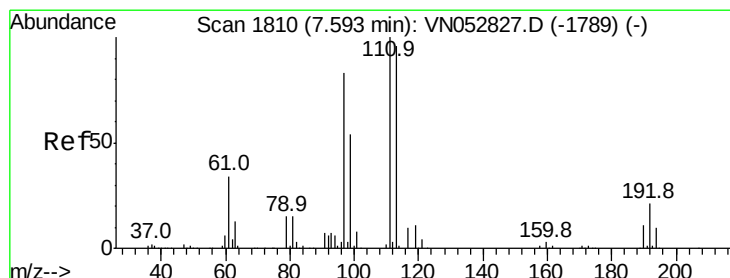
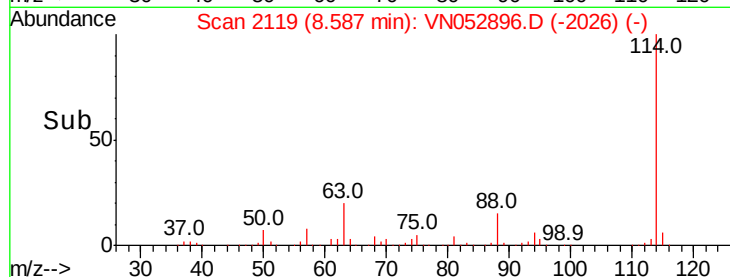
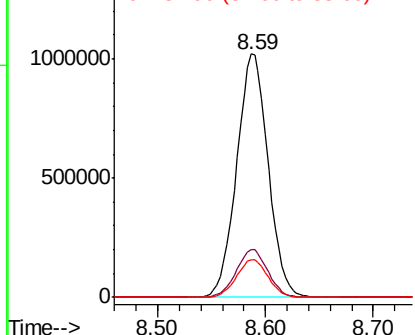
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052896.D
 Acq: 14 Dec 2018 18:38

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1-B

Tot Ion:114 Resp: 2071668
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.0

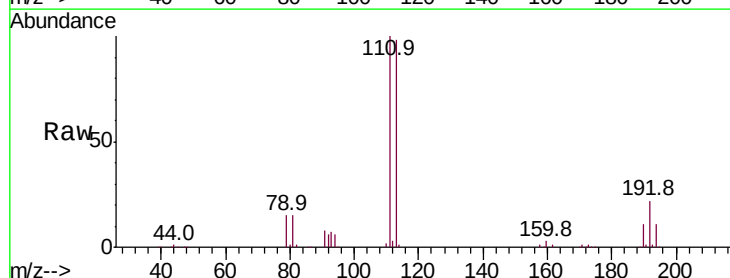


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

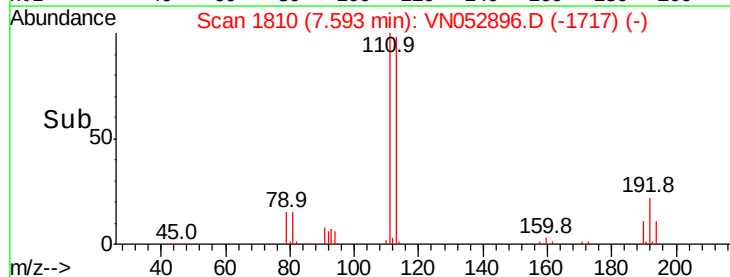
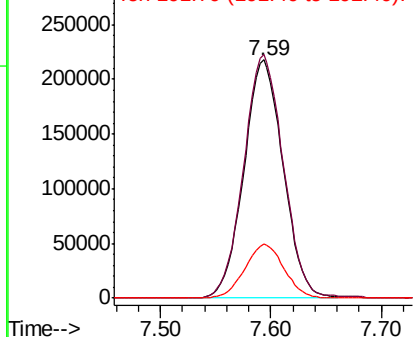


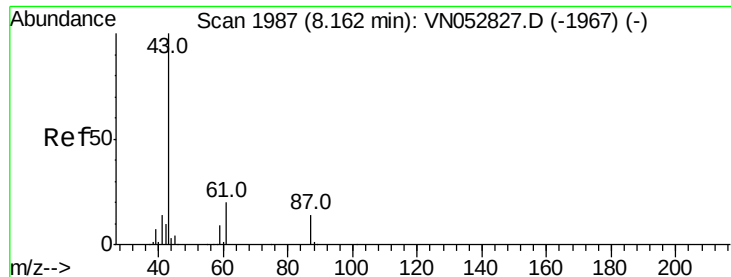
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052896.D
 Acq: 14 Dec 2018 18:38

Tgt Ion:113 Resp: 538355
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.0 124.4
 192 22.5 17.5 26.3



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





#43

Isopropyl Acetate

Concen: 3.282 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052896.D

Acq: 14 Dec 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1-B

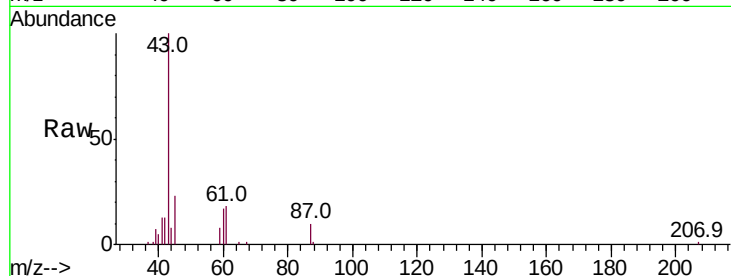
Tot Ion: 43 Resp: 77125

Ion Ratio Lower Upper

43 100

61 15.2 22.9 34.3#

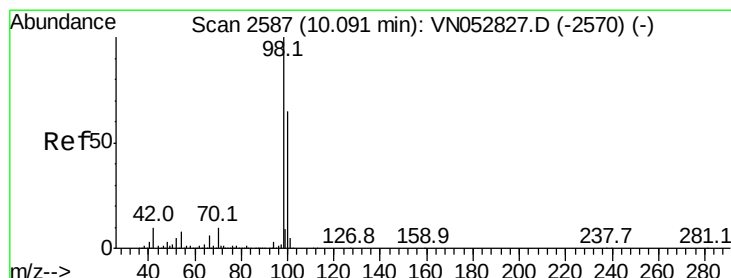
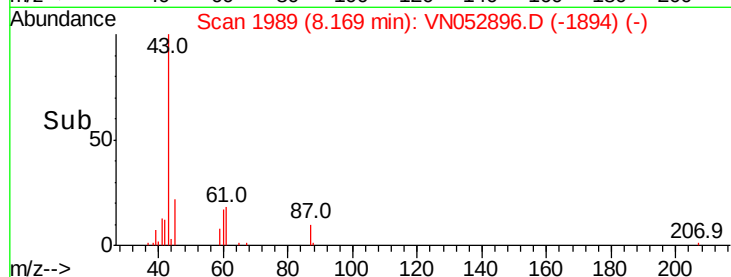
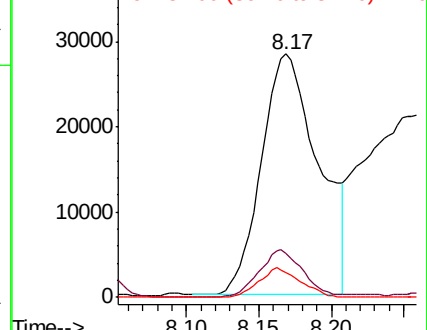
87 8.8 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052896.D

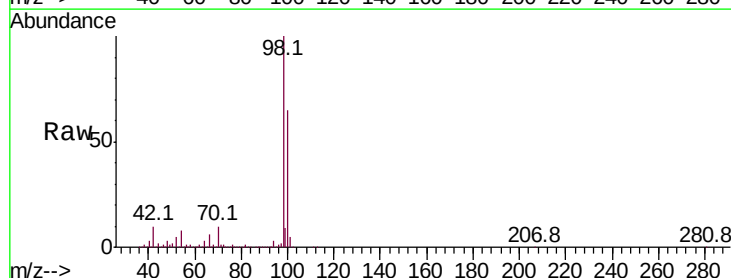
Acq: 14 Dec 2018 18:38

Tgt Ion: 98 Resp: 2484175

Ion Ratio Lower Upper

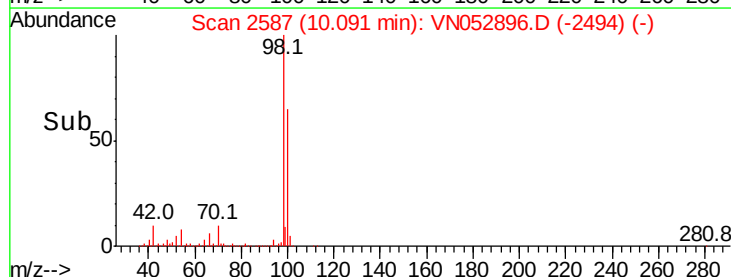
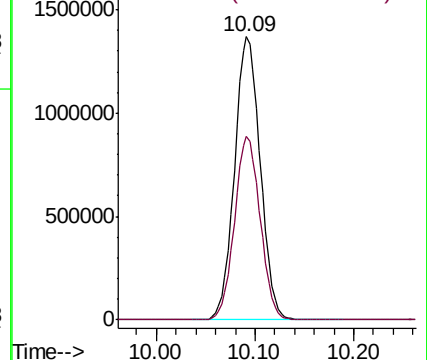
98 100

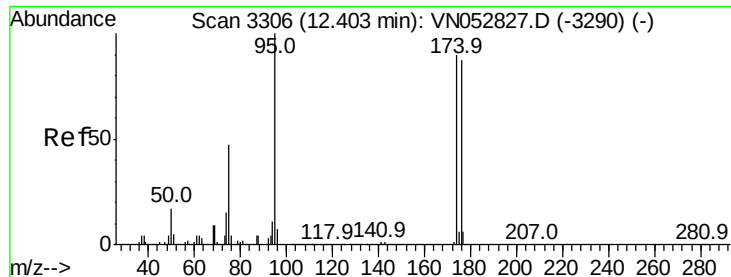
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

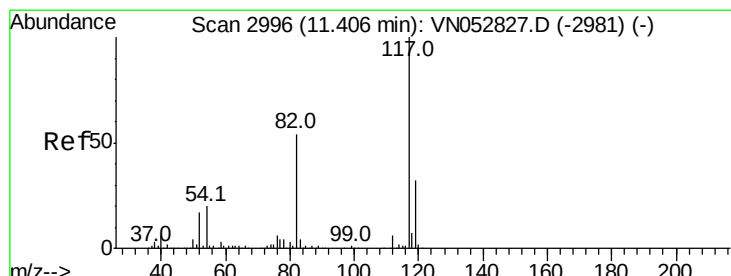
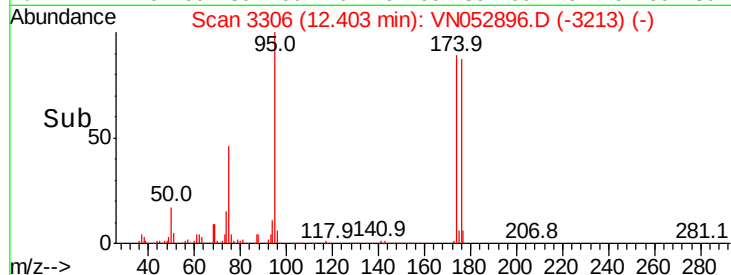
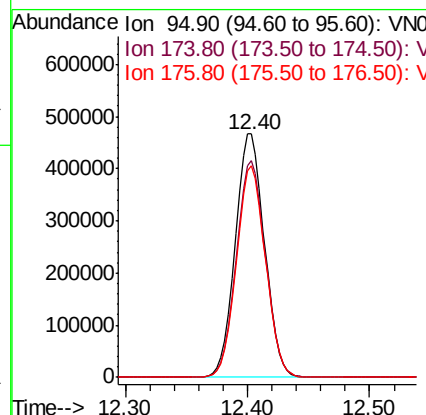
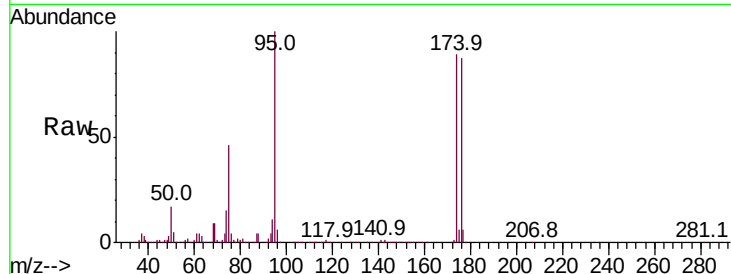




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052896.D
Acq: 14 Dec 2018 18:38

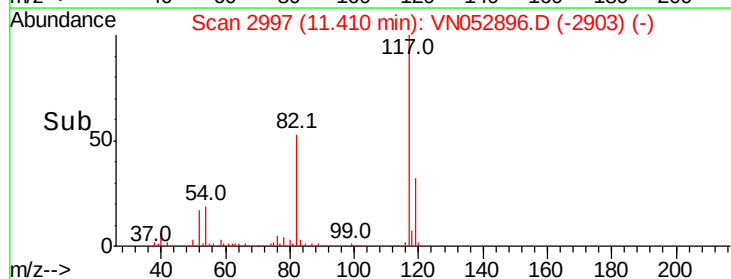
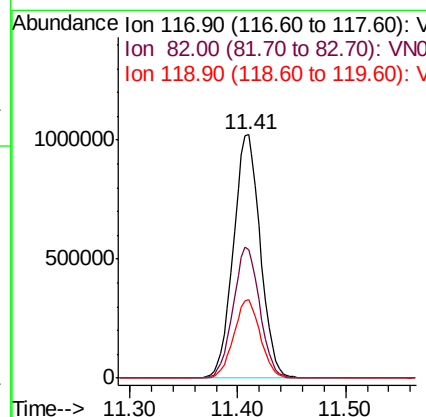
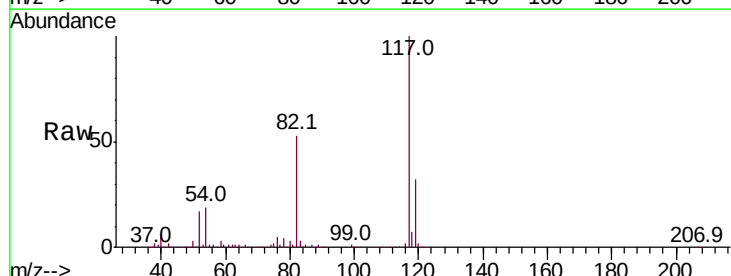
Instrument :
MSVOA_N
ClientSampleId :
TP-1-B

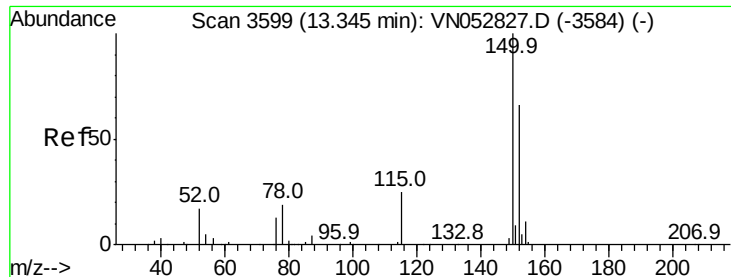
Tot Ion: 95 Resp: 777501
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.8
176 86.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052896.D
Acq: 14 Dec 2018 18:38

Tgt Ion: 117 Resp: 1776716
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052896.D

Acq: 14 Dec 2018 18:38

Instrument :

MSVOA_N

ClientSampleId :

TP-1-B

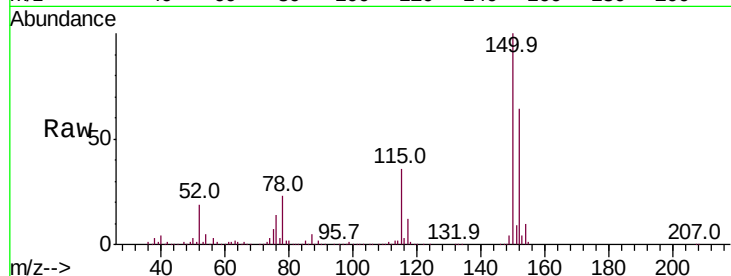
Tot Ion:152 Resp: 687818

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

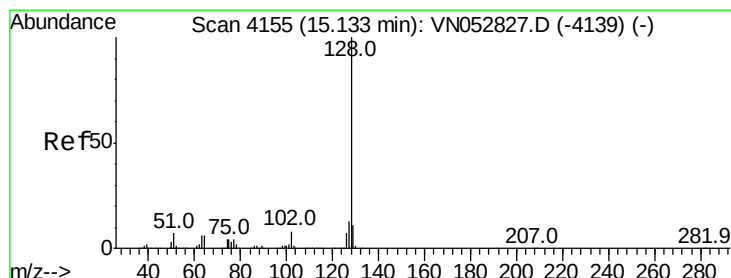
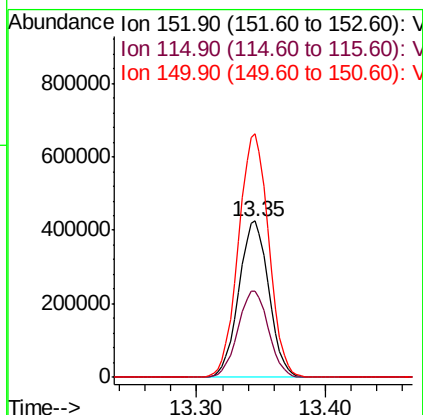
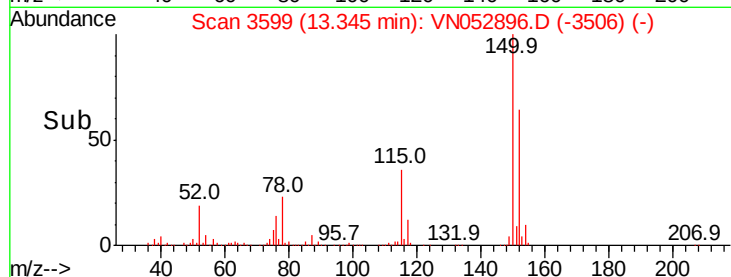
150 156.9 0.0 347.8



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: 1.061 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052896.D

Acq: 14 Dec 2018 18:38

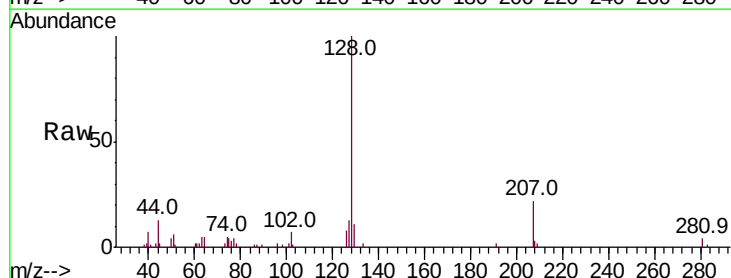
Tgt Ion:128 Resp: 26679

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

