

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055895.D
 Acq On : 30 May 2019 12:58
 Operator : JC/SP
 Sample : K3090-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-S

Quant Time: May 31 04:55:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

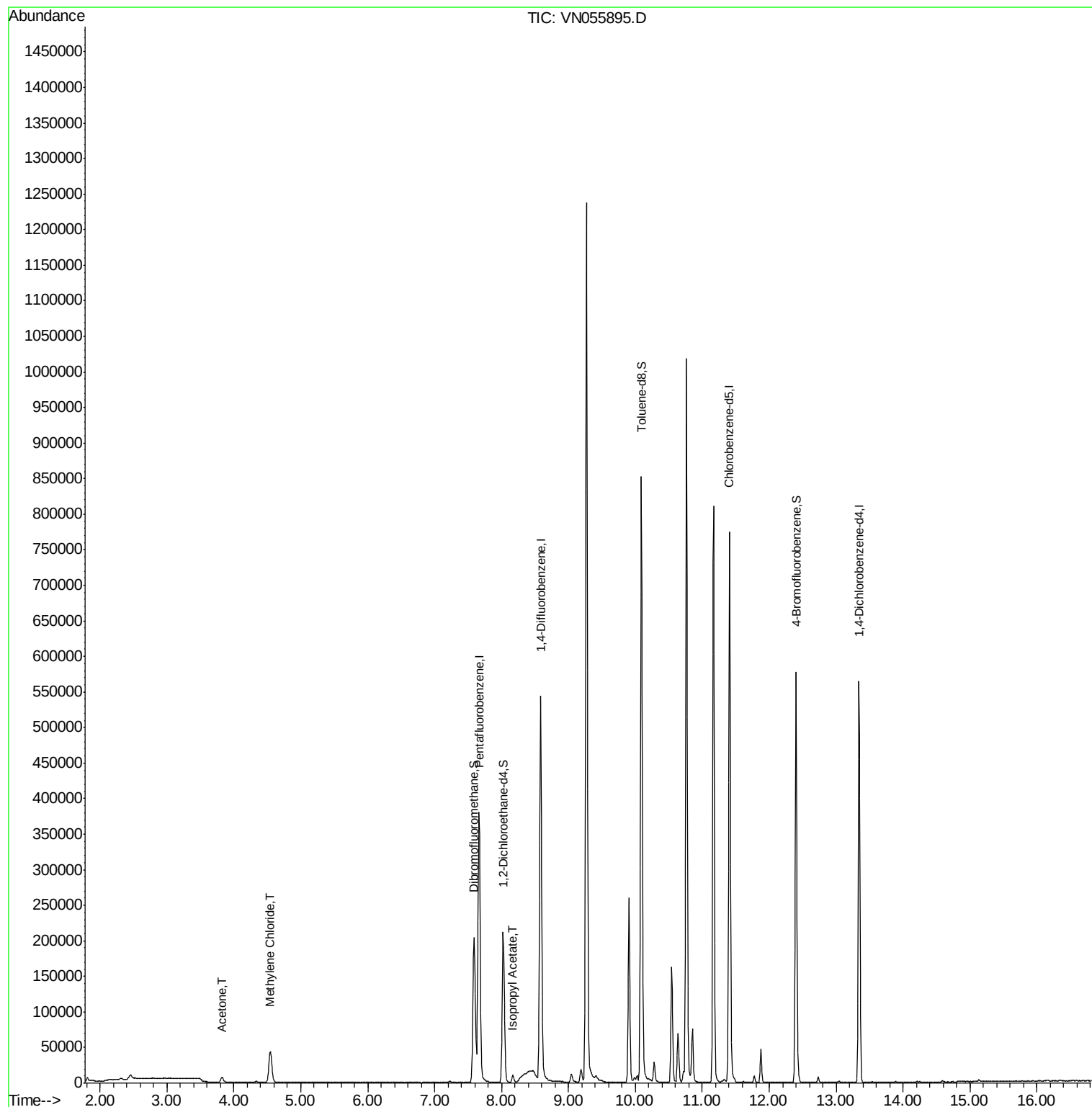
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	531568	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	180212	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	156776	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	10.09	98	632807	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	209046	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
Target Compounds						
16) Acetone	3.82	43	12907	8.183	ug/l	95
20) Methylene Chloride	4.55	84	36654	10.730	ug/l	97
43) Isopropyl Acetate	8.17	43	12279	1.632	ug/l #	90

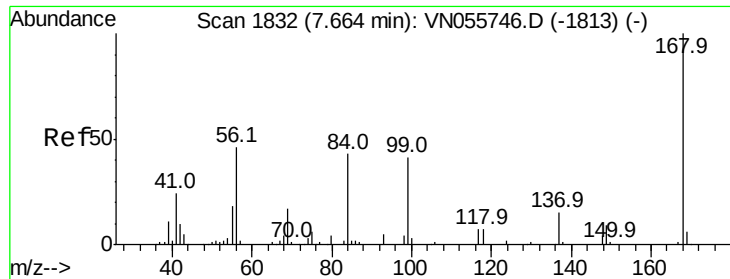
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

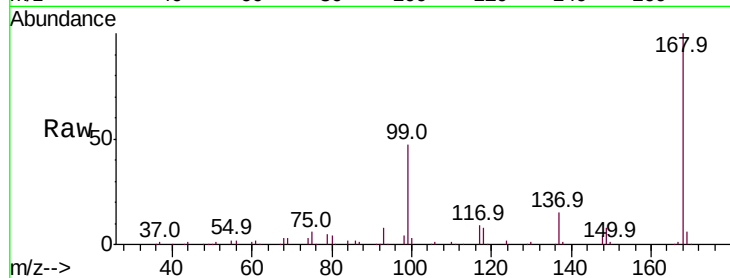
TP-4-S

Tot Ion:168 Resp: 347451

Ion Ratio Lower Upper

168 100

99 47.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055746.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055746.D (-1813) (-)

7.66

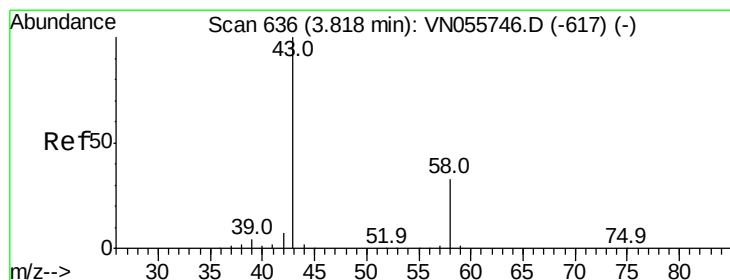
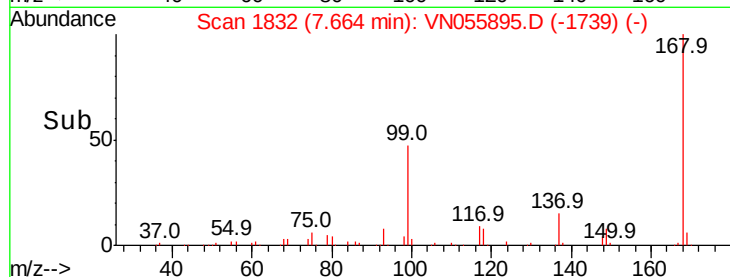
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.183 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055895.D

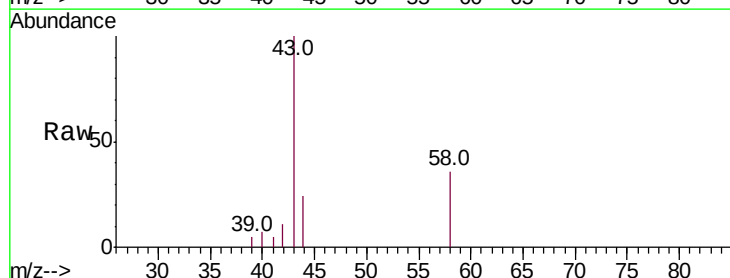
Acq: 30 May 2019 12:58

Tgt Ion: 43 Resp: 12907

Ion Ratio Lower Upper

43 100

58 36.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN055746.D (-617) (-)

3.82

5000

4000

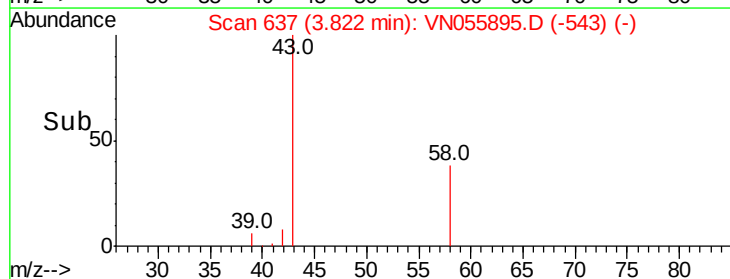
3000

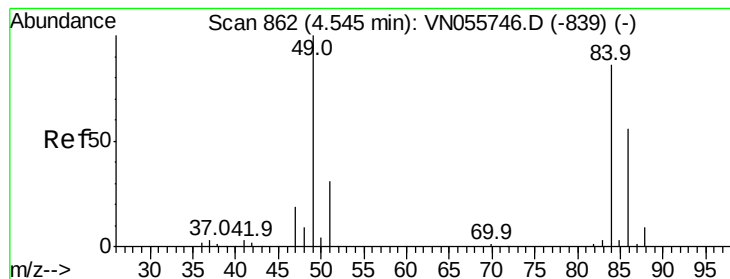
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 10.730 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

TP-4-S

Tot Ion: 84 Resp: 36654

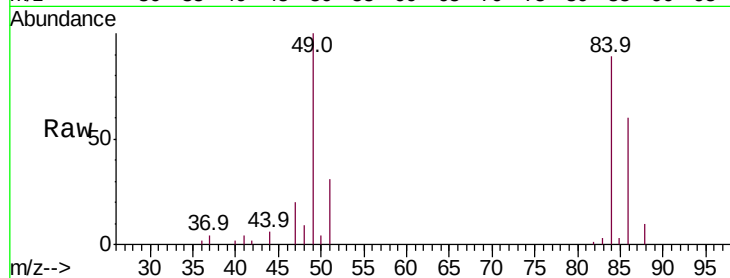
Ion Ratio Lower Upper

84 100

49 112.0 93.5 140.3

51 34.9 28.6 43.0

86 67.6 52.6 79.0

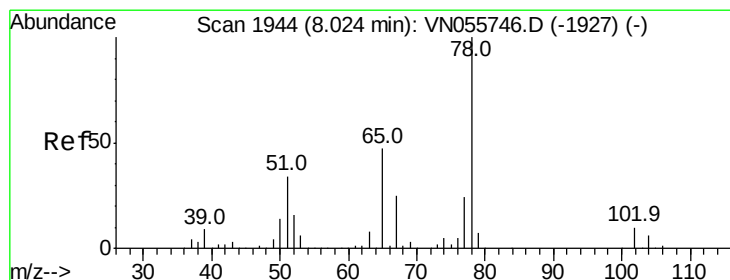
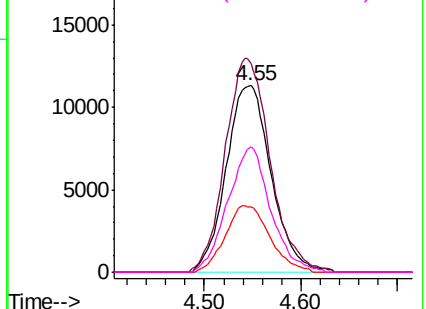
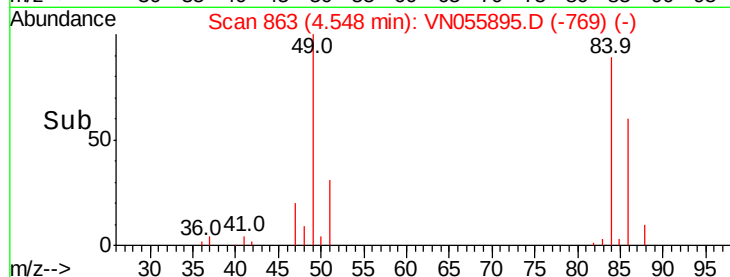


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 50.224 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055895.D

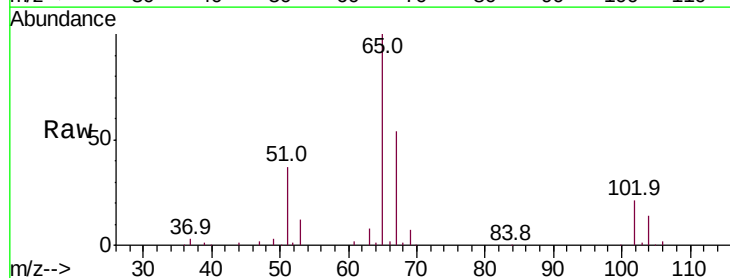
Acq: 30 May 2019 12:58

Tgt Ion: 65 Resp: 180212

Ion Ratio Lower Upper

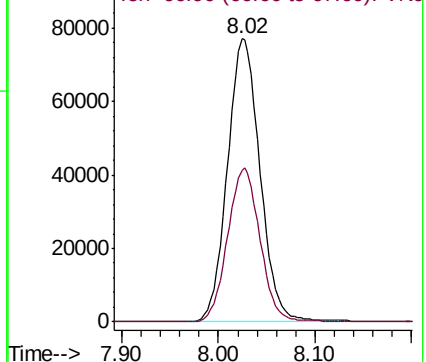
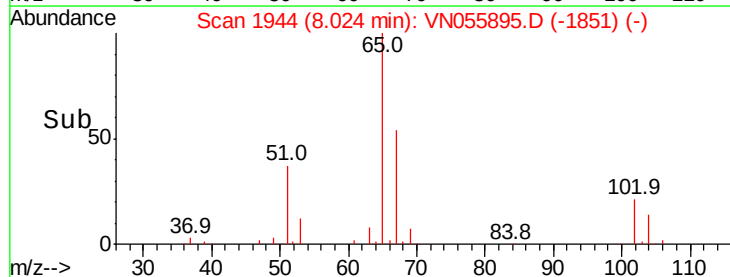
65 100

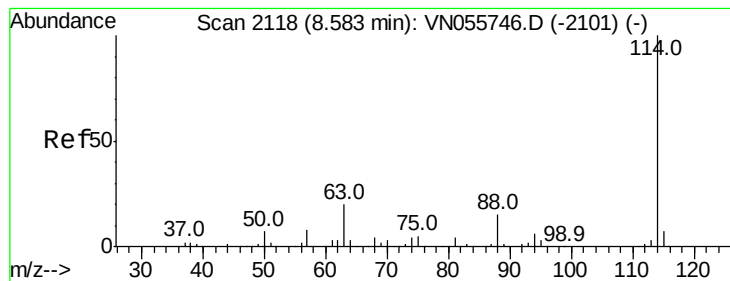
67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

TP-4-S

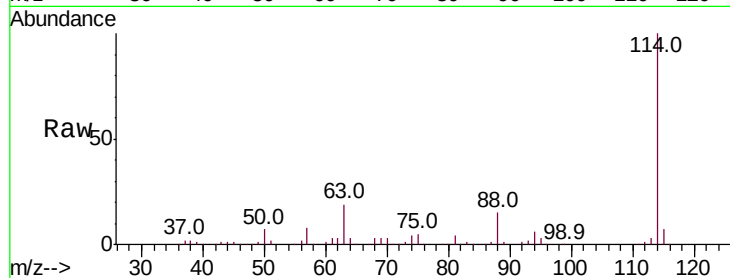
Tot Ion:114 Resp: 531568

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

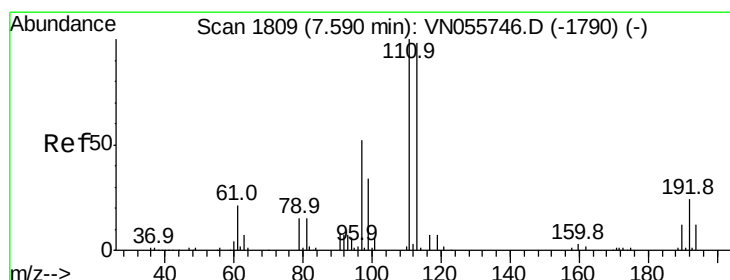
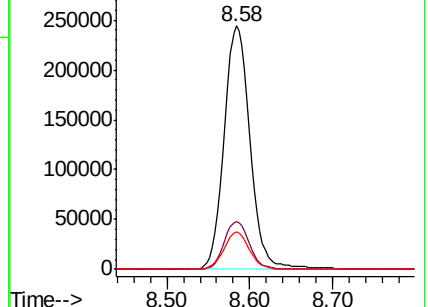
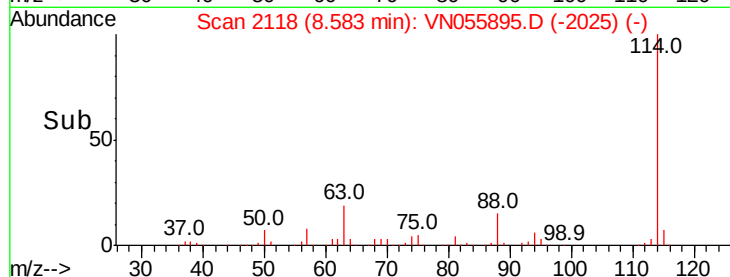
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.649 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

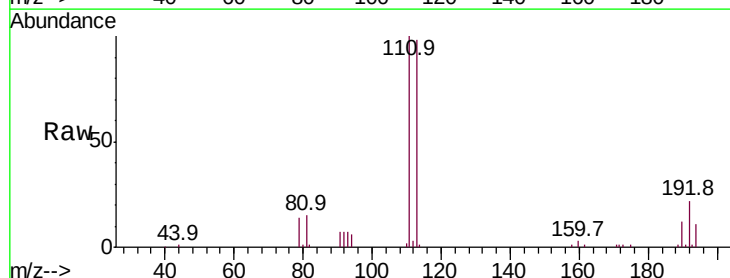
Tgt Ion:113 Resp: 156776

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

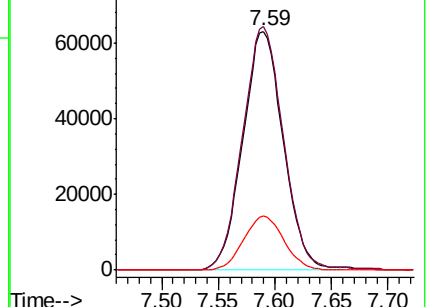
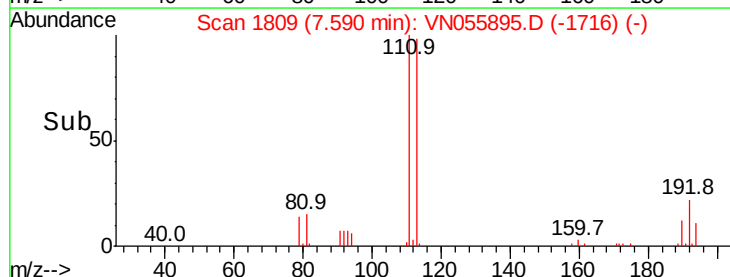
192 22.6 19.5 29.3

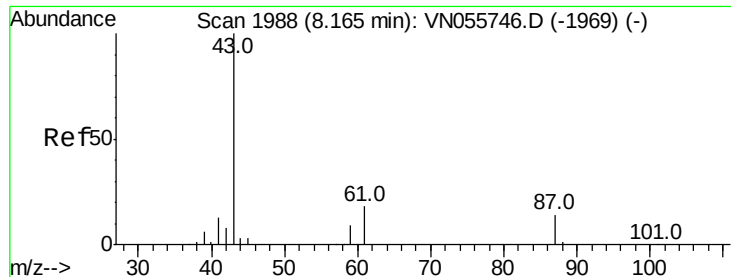


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.632 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

Instrument :

MSVOA_N

ClientSampled :

TP-4-S

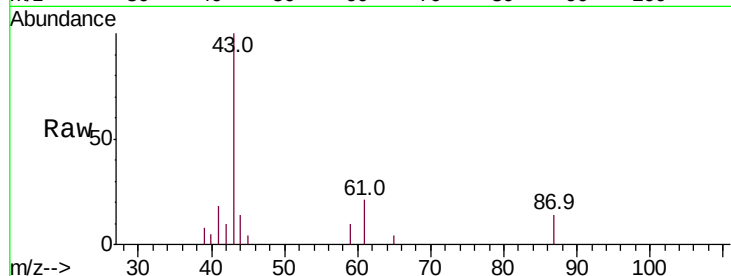
Tot Ion: 43 Resp: 12279

Ion Ratio Lower Upper

43 100

61 20.4 22.2 33.4#

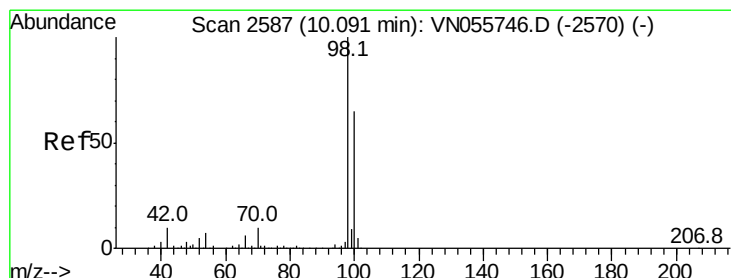
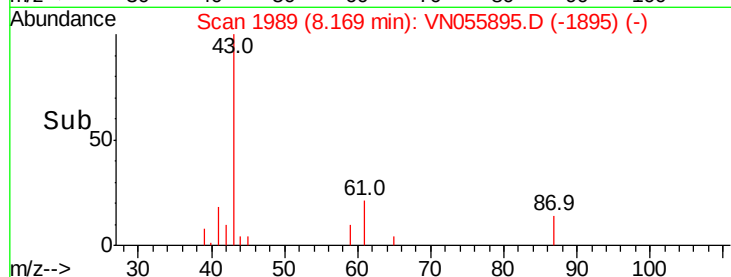
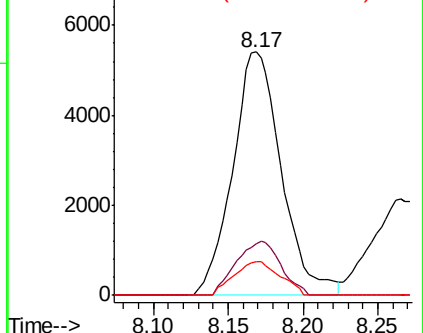
87 13.1 11.4 17.2



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: 49.087 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055895.D

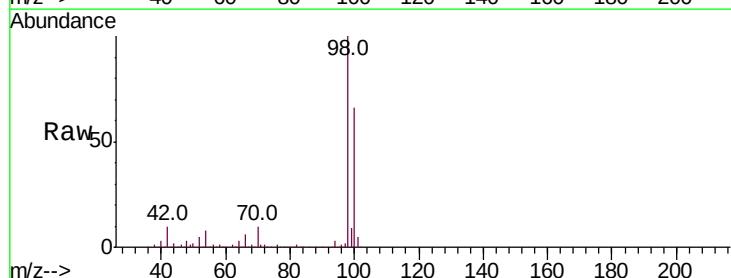
Acq: 30 May 2019 12:58

Tgt Ion: 98 Resp: 632807

Ion Ratio Lower Upper

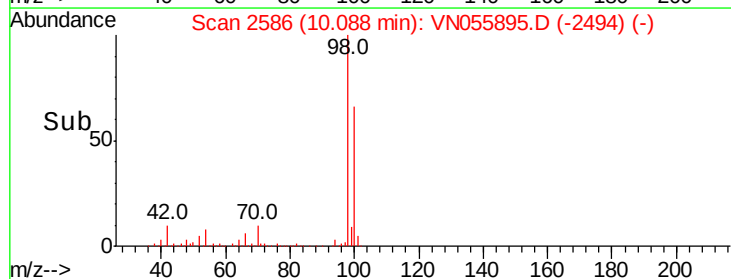
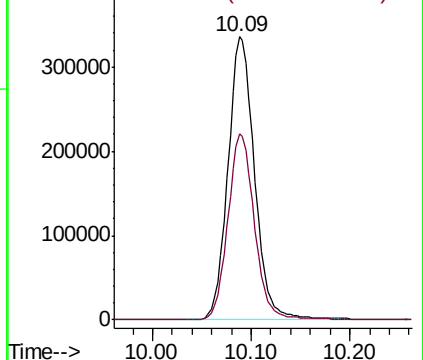
98 100

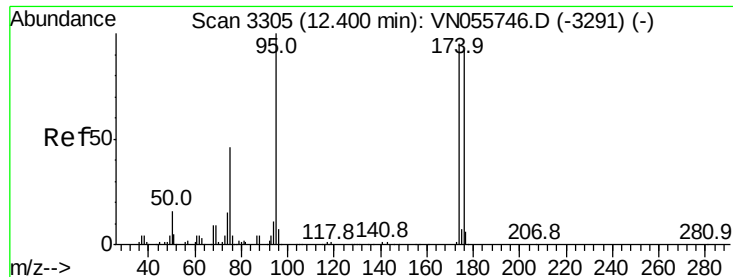
100 65.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

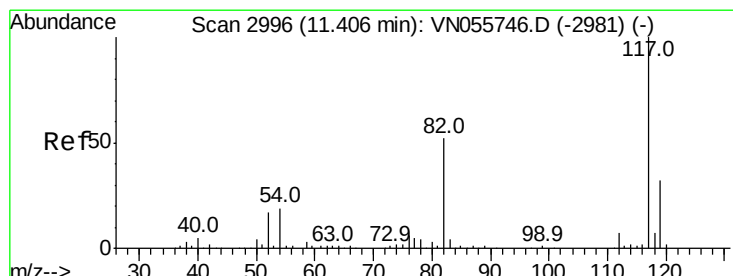
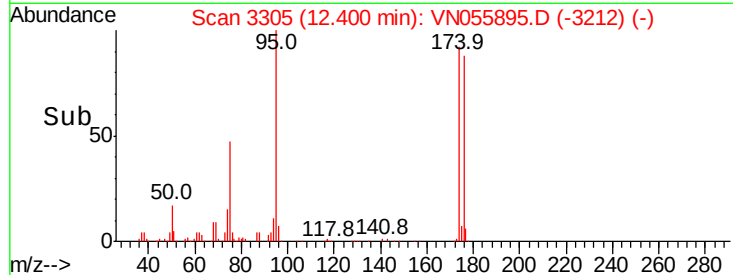
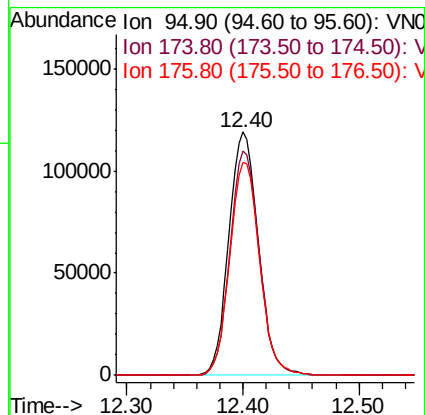
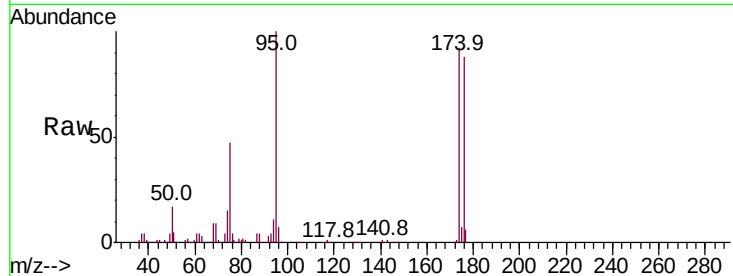




#62
4-Bromofluorobenzene
Concen: 47.292 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055895.D
Acq: 30 May 2019 12:58

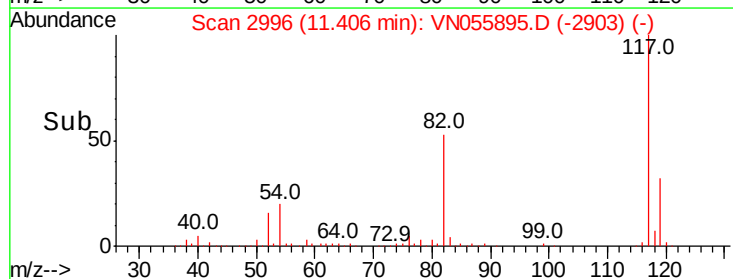
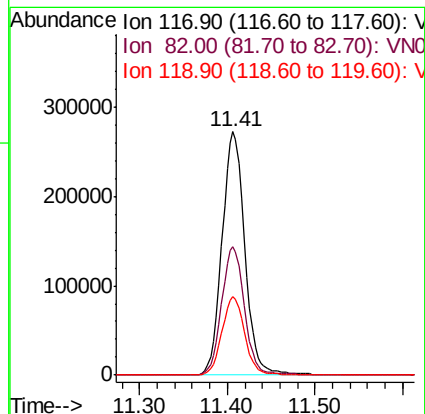
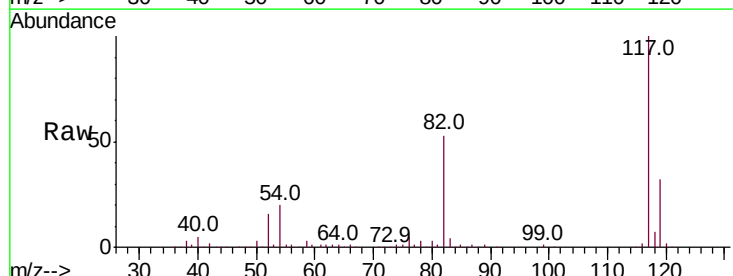
Instrument :
MSVOA_N
ClientSampleId :
TP-4-S

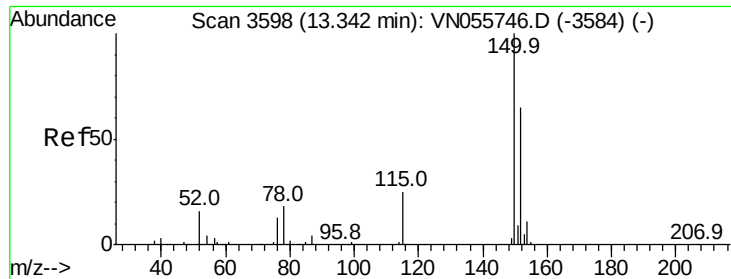
Tot Ion: 95 Resp: 209046
Ion Ratio Lower Upper
95 100
174 91.6 0.0 191.0
176 88.0 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055895.D
Acq: 30 May 2019 12:58

Tgt Ion: 117 Resp: 493656
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055895.D

Acq: 30 May 2019 12:58

Instrument :

MSVOA_N

ClientSampleId :

TP-4-S

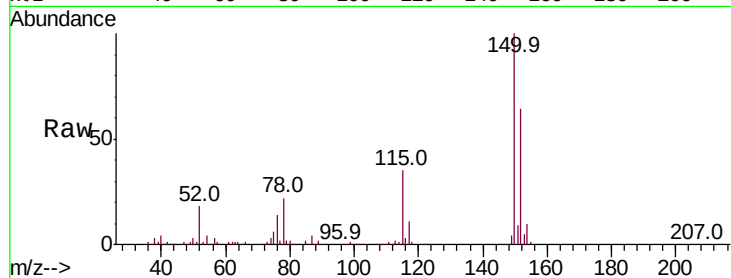
Tot Ion:152 Resp: 168529

Ion Ratio Lower Upper

152 100

115 54.0 27.0 81.0

150 156.0 0.0 343.2



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

