

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055860.D
 Acq On : 28 May 2019 18:17
 Operator : JC/SP
 Sample : K3041-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: May 29 06:38:58 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

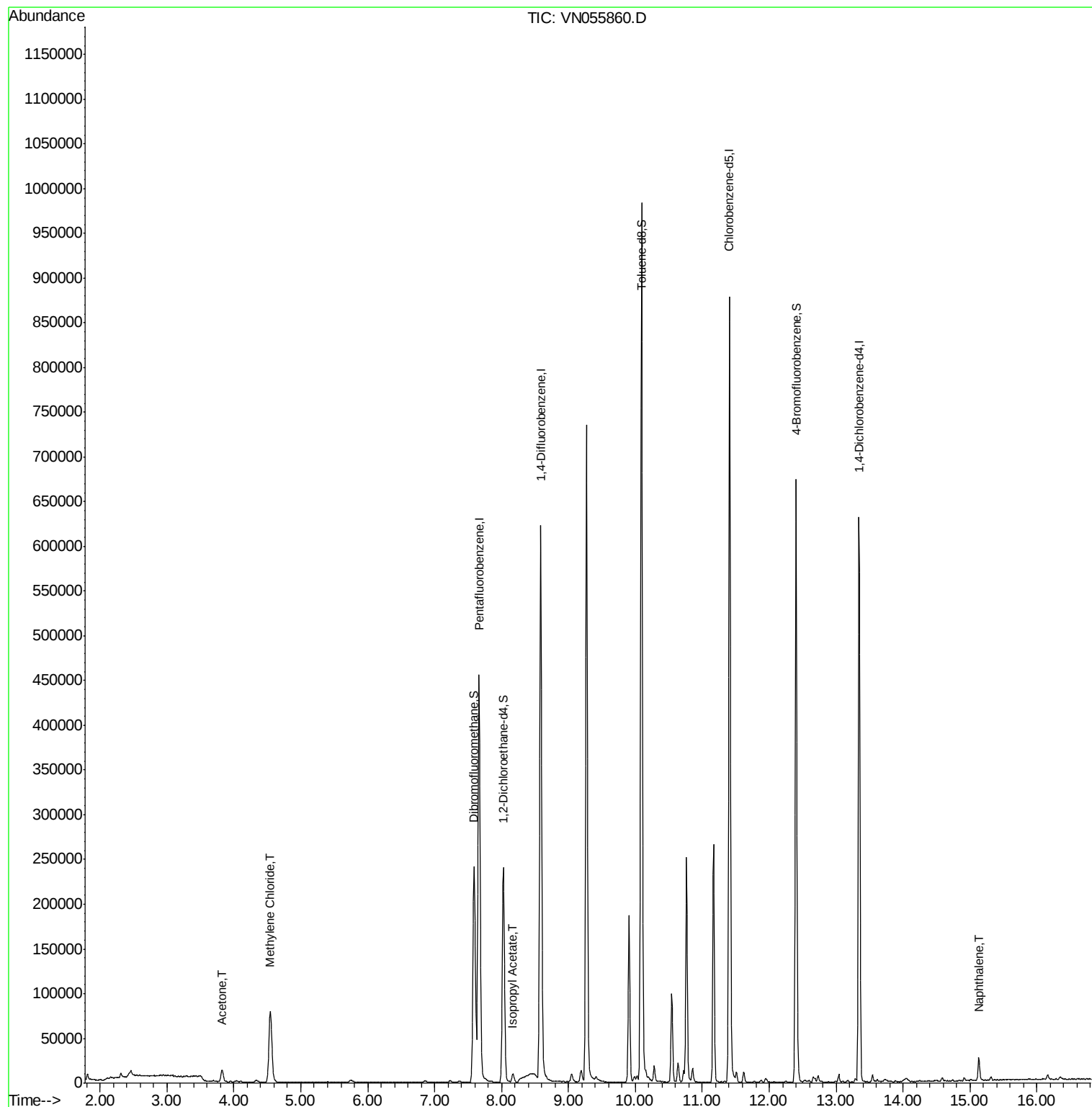
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	440497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	616479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	202625	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
35) Dibromofluoromethane	7.59	113	183750	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	10.09	98	741658	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	230806	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
16) Acetone	3.82	43	23782	11.893	ug/l	Qvalue 100
20) Methylene Chloride	4.55	84	65744	15.181	ug/l	97
43) Isopropyl Acetate	8.17	43	12493	1.432	ug/l #	89
95) Naphthalene	15.13	128	25294	2.783	ug/l	98

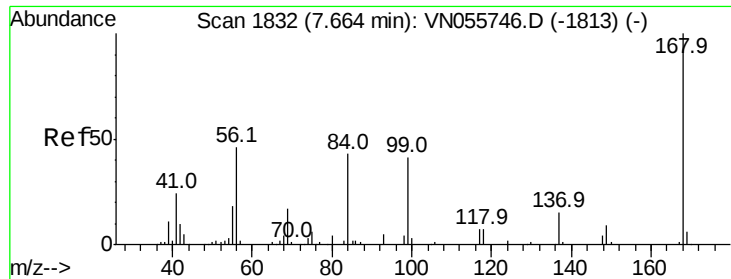
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052819\
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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: VN055860.D

Acq: 28 May 2019 18:17

Instrument :

MSVOA_N

ClientSampled :

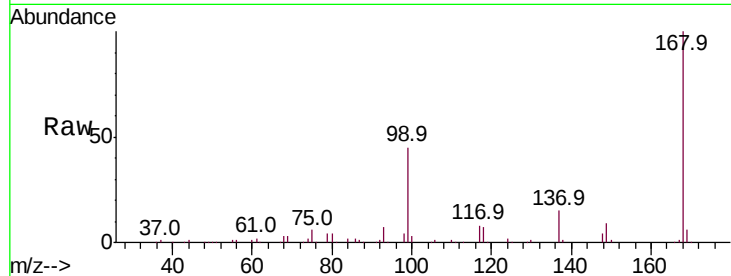
TP-2-S

Tot Ion:168 Resp: 440497

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

200000

150000

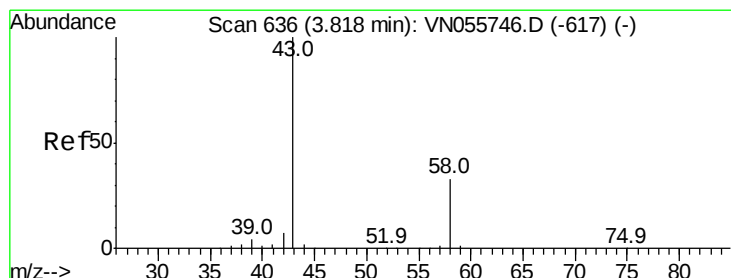
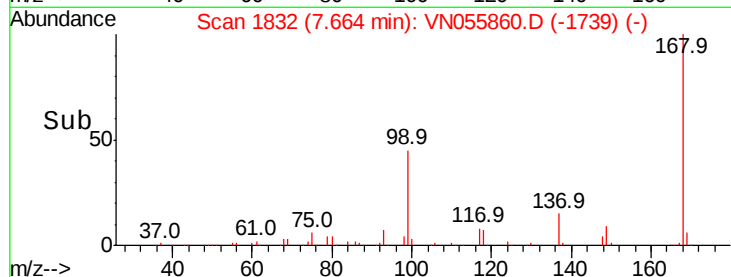
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.893 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055860.D

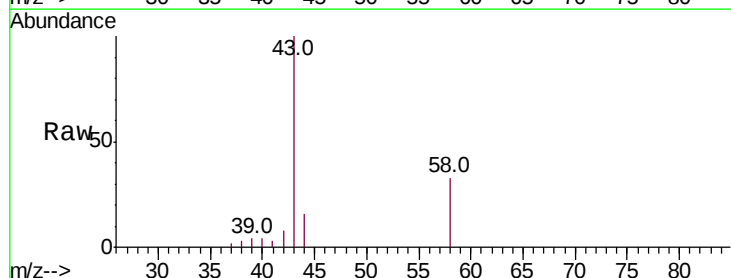
Acq: 28 May 2019 18:17

Tgt Ion: 43 Resp: 23782

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

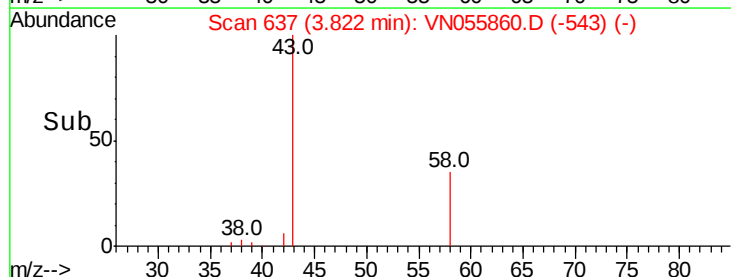
4000

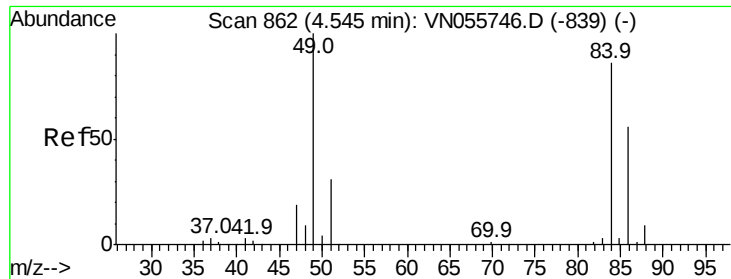
2000

0

Time-->

3.70 3.80 3.90

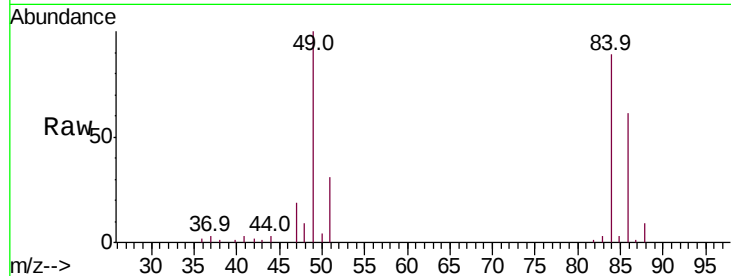




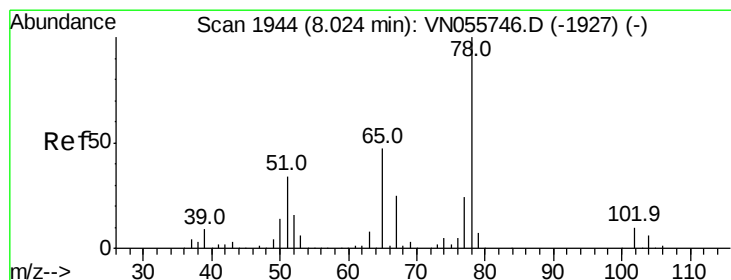
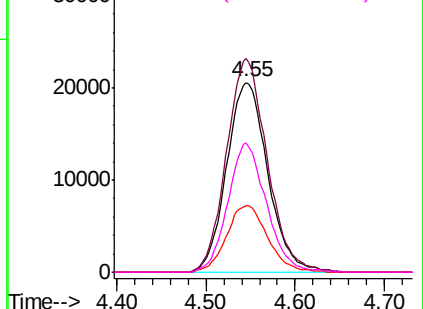
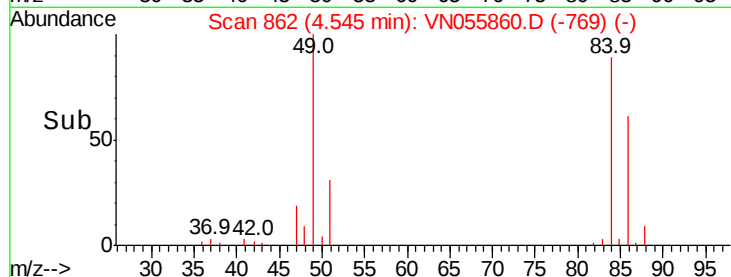
#20
Methylene Chloride
Concen: 15.181 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055860.D
Acq: 28 May 2019 18:17

Instrument :
MSVOA_N
ClientSampled :
TP-2-S

Tot Ion: 84 Resp: 65744
Ion Ratio Lower Upper
84 100
49 112.5 93.5 140.3
51 35.1 28.6 43.0
86 68.4 52.6 79.0

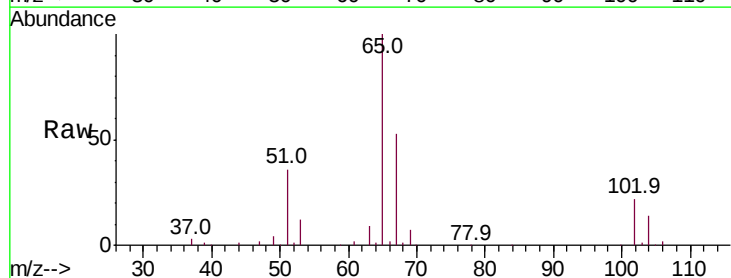


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

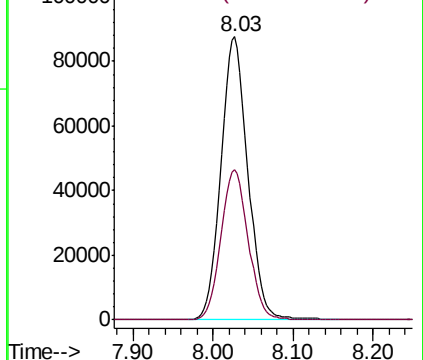
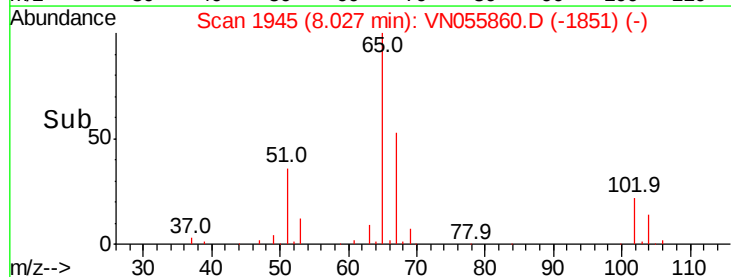


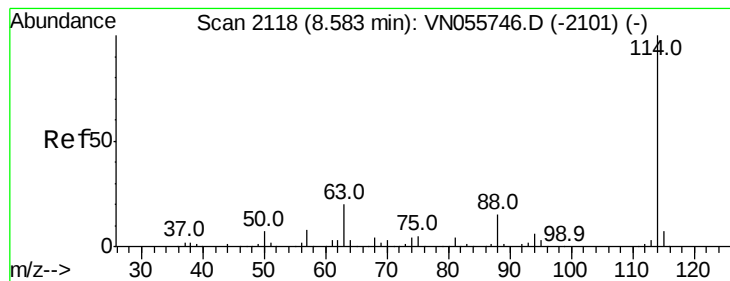
#33
1,2-Dichloroethane-d4
Concen: 44.542 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055860.D
Acq: 28 May 2019 18:17

Tgt Ion: 65 Resp: 202625
Ion Ratio Lower Upper
65 100
67 53.7 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: VN055860.D

Acq: 28 May 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

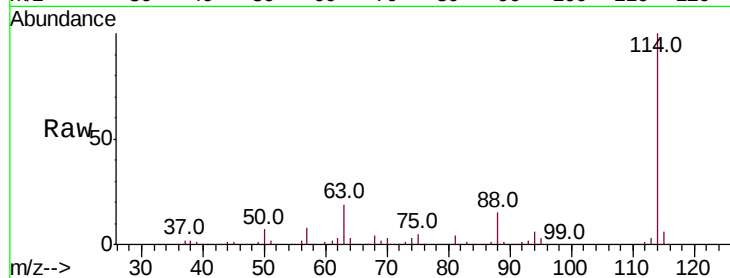
Tot Ion:114 Resp: 616479

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

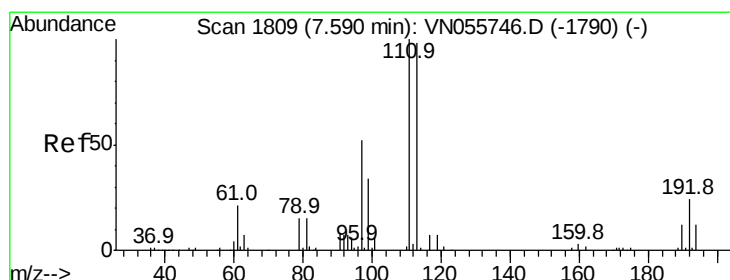
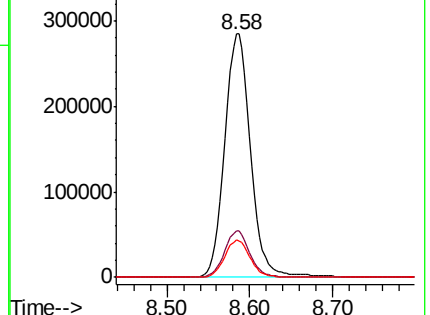
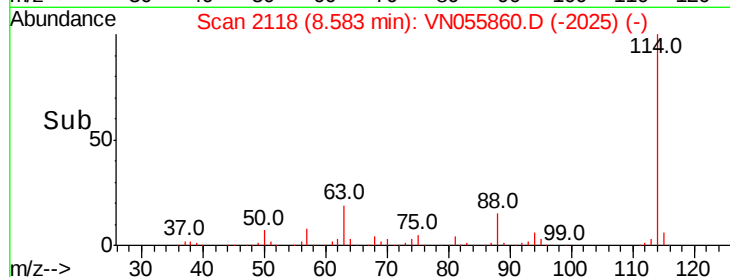
88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.145 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

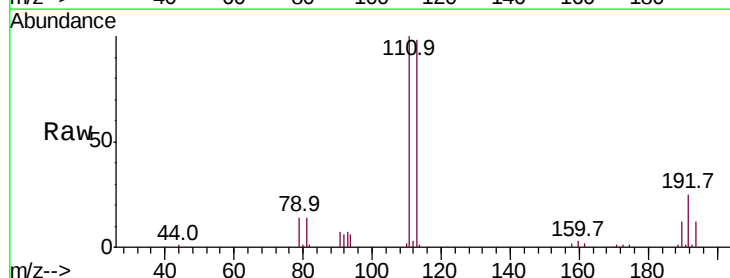
Tgt Ion:113 Resp: 183750

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

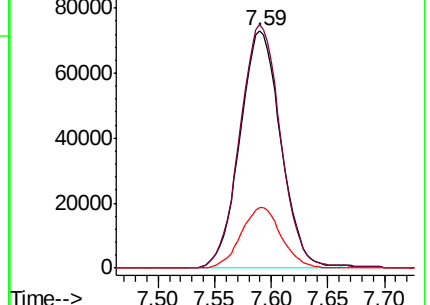
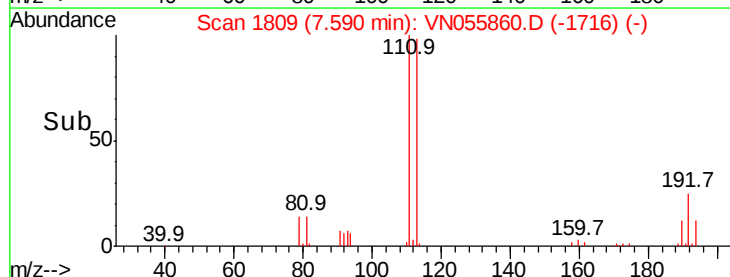
192 25.2 19.5 29.3

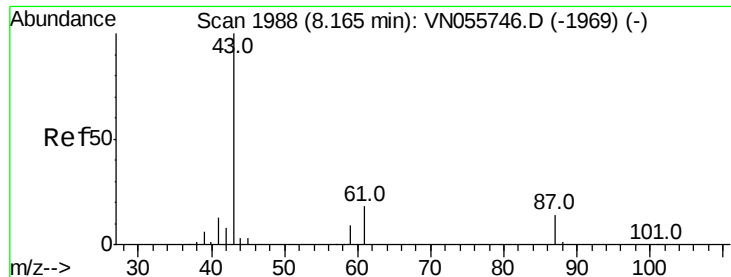


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.432 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

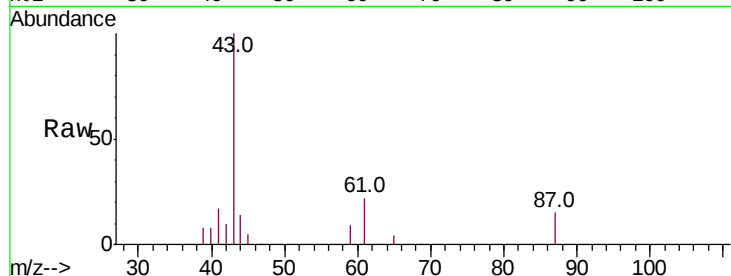
Tot Ion: 43 Resp: 12493

Ion Ratio Lower Upper

43 100

61 20.2 22.2 33.4#

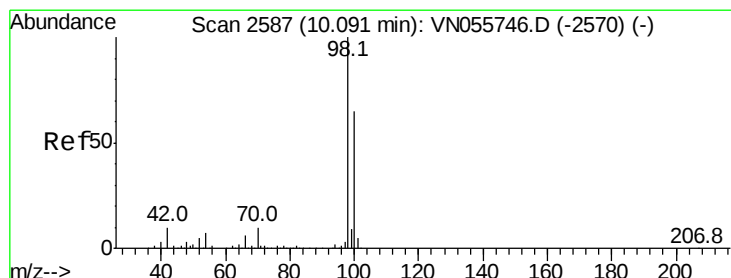
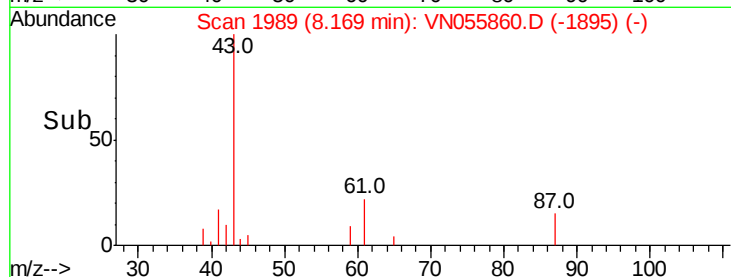
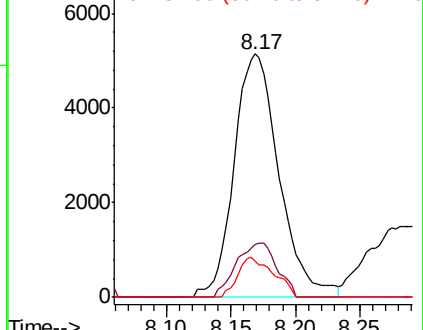
87 13.1 11.4 17.2



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: 49.607 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055860.D

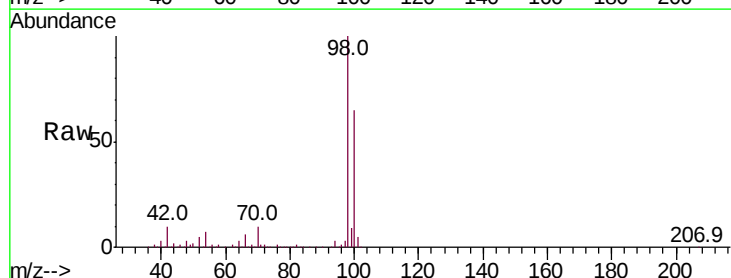
Acq: 28 May 2019 18:17

Tgt Ion: 98 Resp: 741658

Ion Ratio Lower Upper

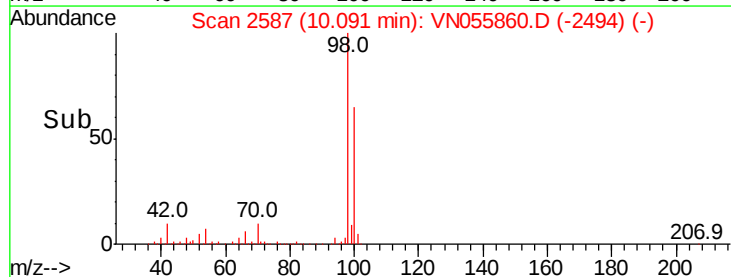
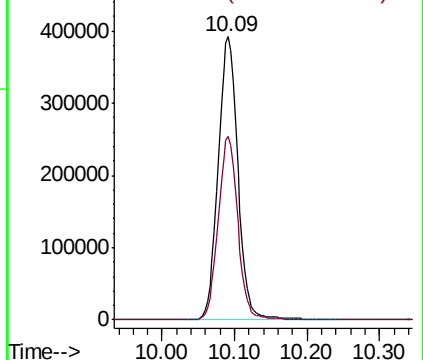
98 100

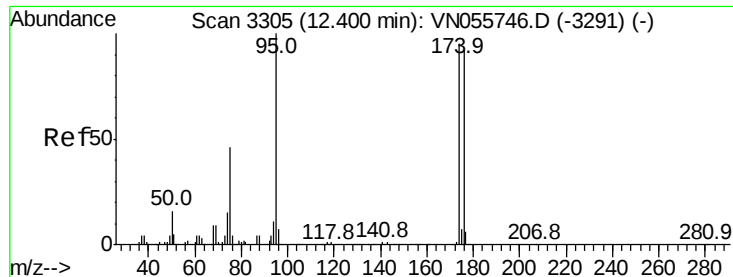
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.023 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

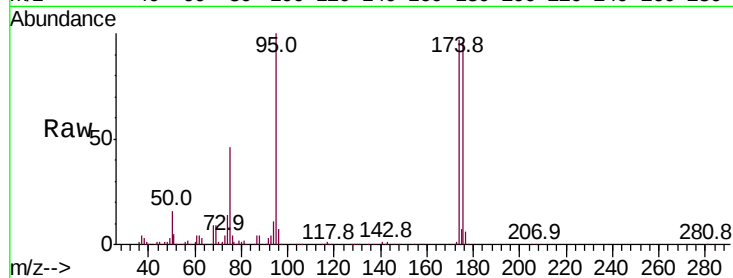
Tot Ion: 95 Resp: 230806

Ion Ratio Lower Upper

95 100

174 98.9 0.0 191.0

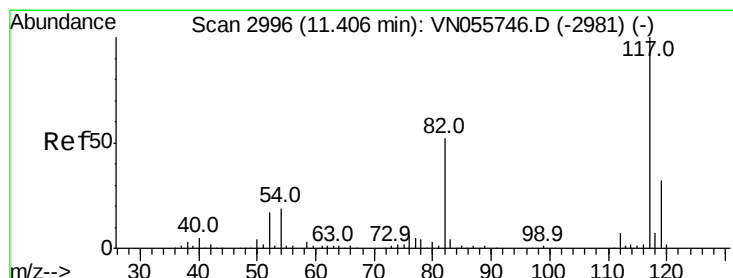
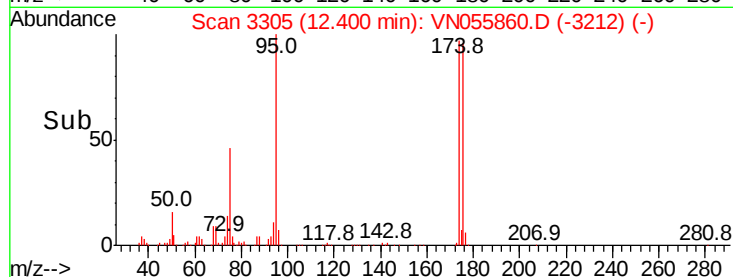
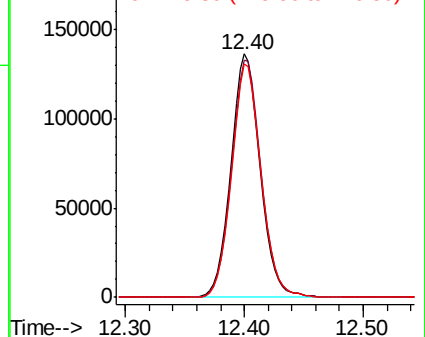
176 96.7 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

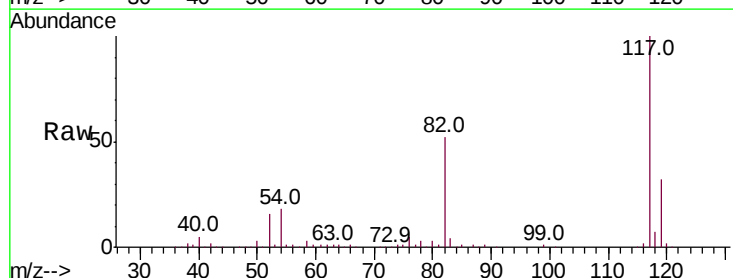
Tgt Ion: 117 Resp: 563761

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

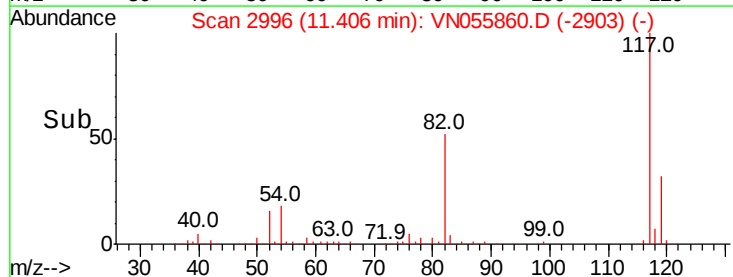
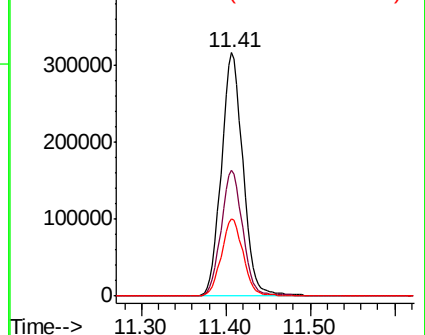
119 31.9 25.4 38.0

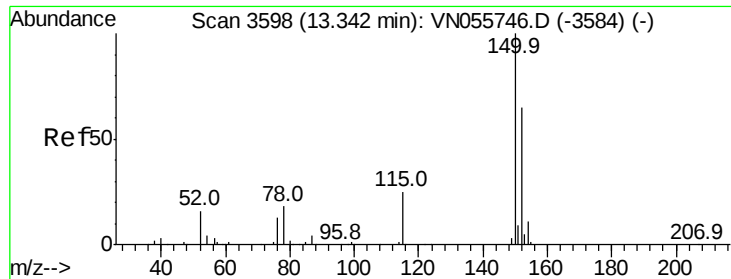


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

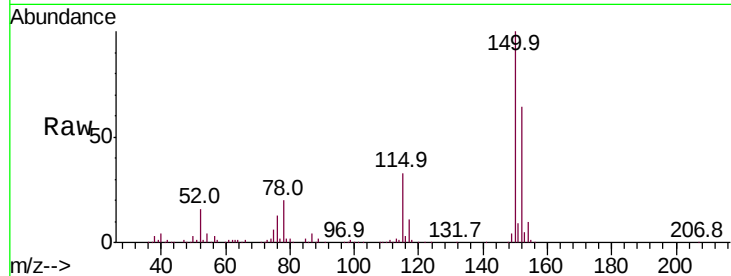
Tot Ion:152 Resp: 196495

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

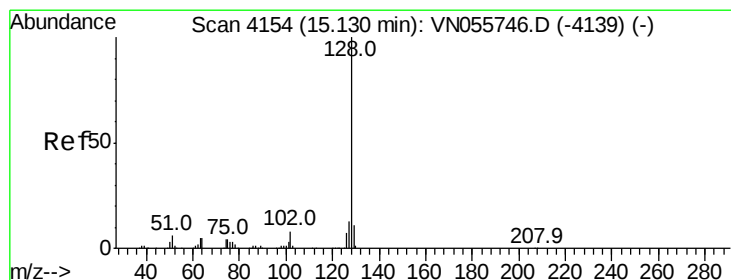
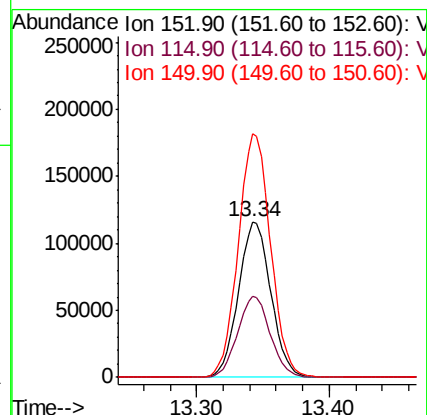
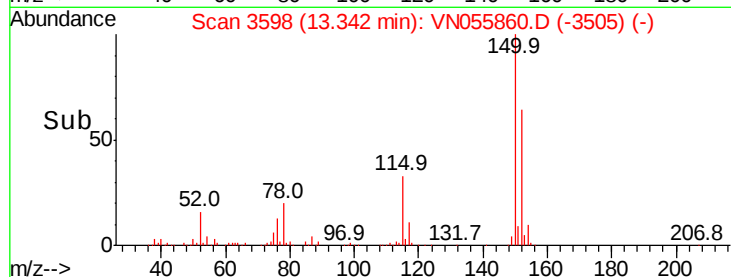
150 156.2 0.0 343.2



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



#95

Naphthalene

Concen: 2.783 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055860.D

Acq: 28 May 2019 18:17

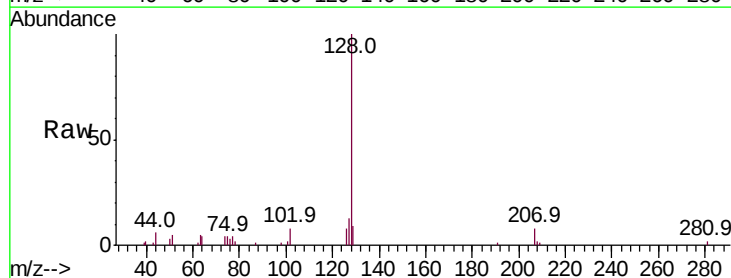
Tgt Ion:128 Resp: 25294

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 9.7 8.7 13.1



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

