

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055801.D
 Acq On : 24 May 2019 17:23
 Operator : JC/SP
 Sample : K2994-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-S

Quant Time: May 25 05:06:33 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

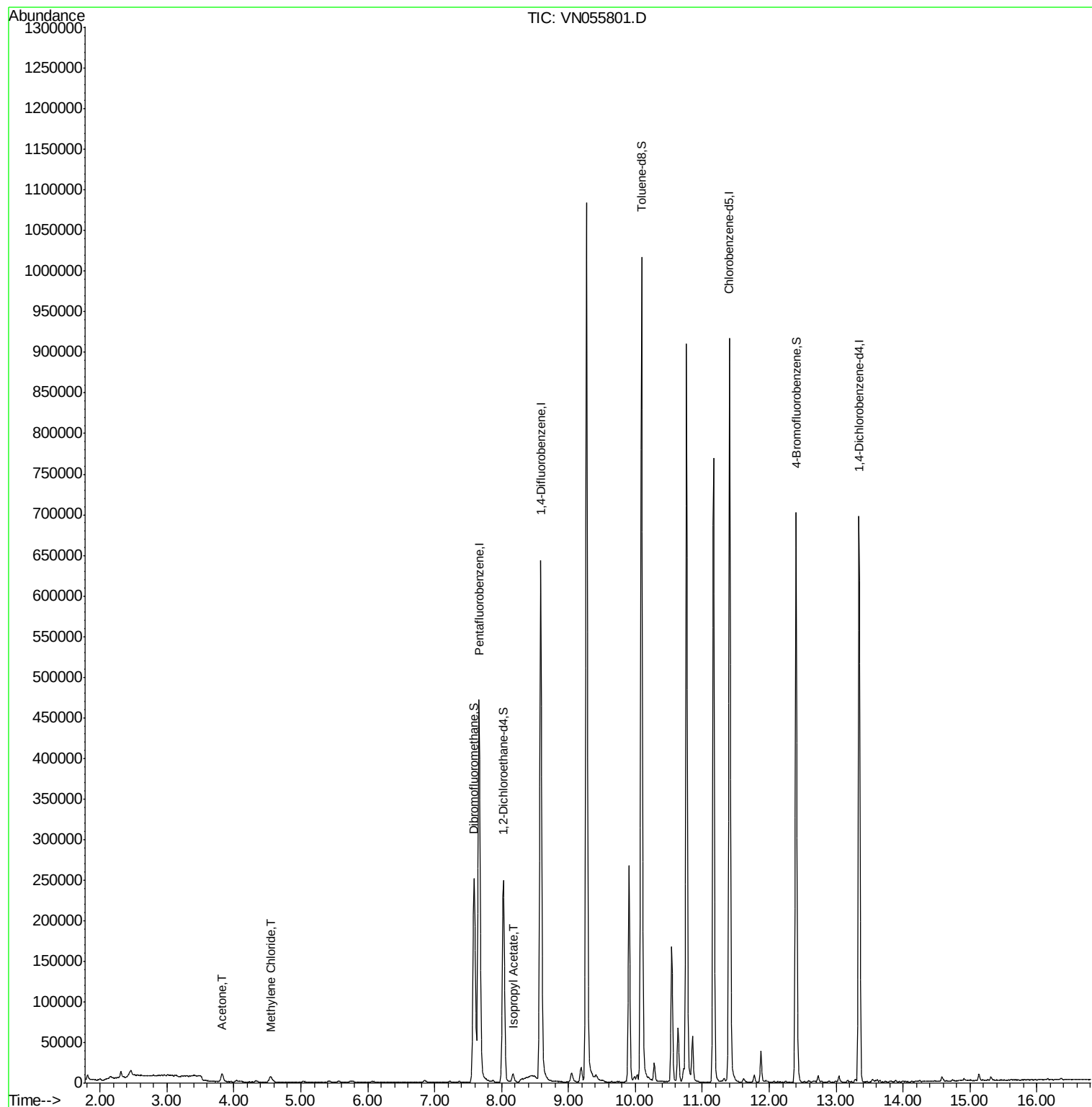
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	454428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	589261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	209283	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
35) Dibromofluoromethane	7.59	113	195496	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
50) Toluene-d8	10.09	98	756305	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.40	95	249119	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	3.82	43	17895	8.675	ug/l	95
20) Methylene Chloride	4.55	84	5147	1.152	ug/l	97
43) Isopropyl Acetate	8.17	43	13357	1.470	ug/l #	89

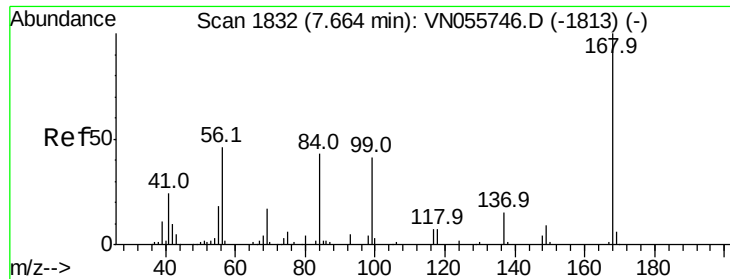
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 05:06:33 2019
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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: VN055801.D

Acq: 24 May 2019 17:23

Instrument :

MSVOA_N

ClientSampled :

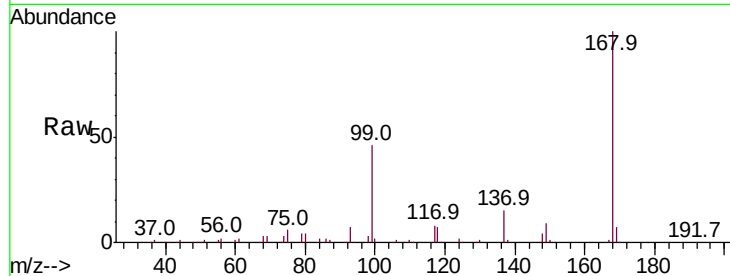
TP-8-S

Tot Ion:168 Resp: 454428

Ion Ratio Lower Upper

168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055801.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055801.D (-1739) (-)

7.66

200000

150000

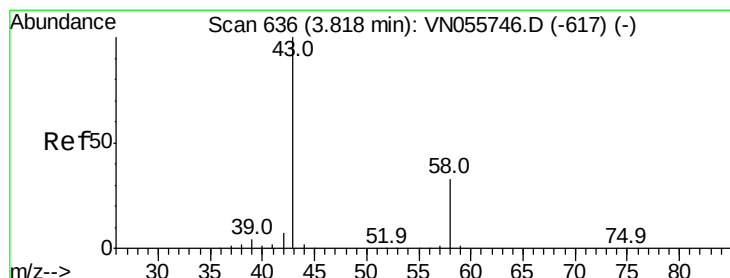
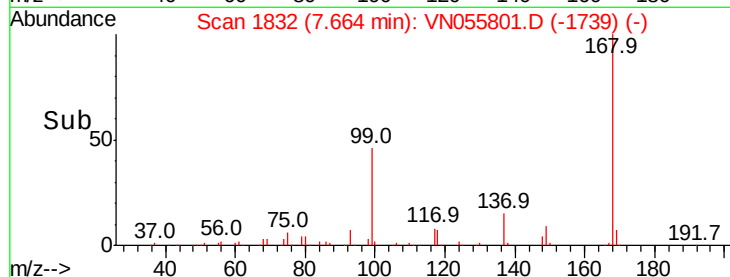
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 8.675 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055801.D

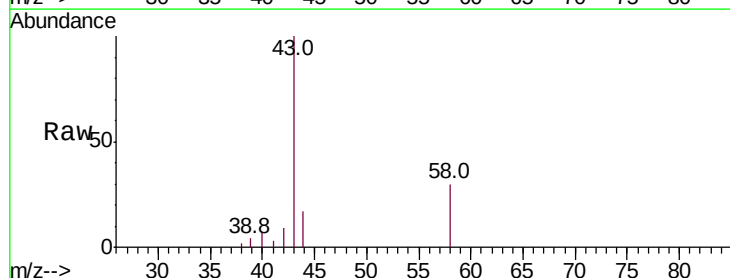
Acq: 24 May 2019 17:23

Tgt Ion: 43 Resp: 17895

Ion Ratio Lower Upper

43 100

58 30.2 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055801.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055801.D (-543) (-)

3.82

8000

6000

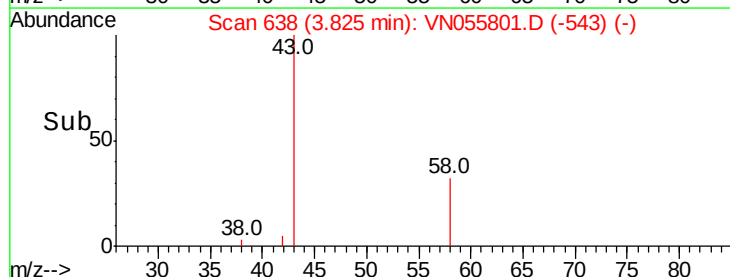
4000

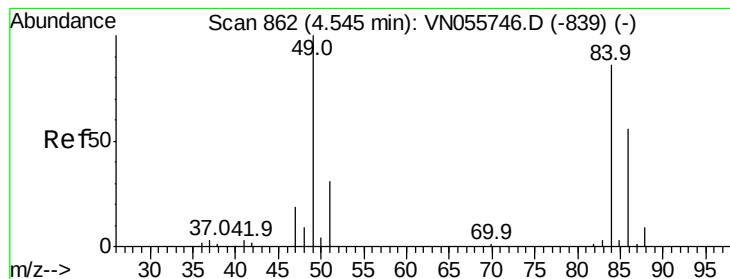
2000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 1.152 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN055801.D

Acq: 24 May 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

Tot Ion: 84 Resp: 5147

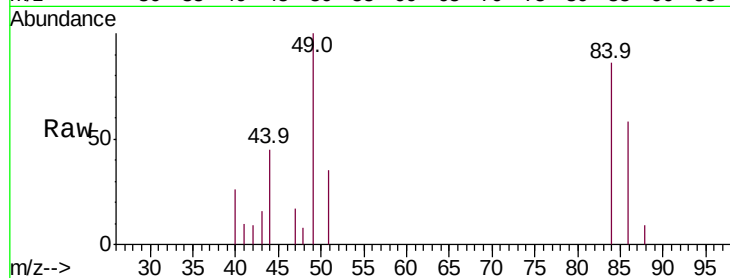
Ion Ratio Lower Upper

84 100

49 116.2 93.5 140.3

51 41.2 28.6 43.0

86 67.9 52.6 79.0

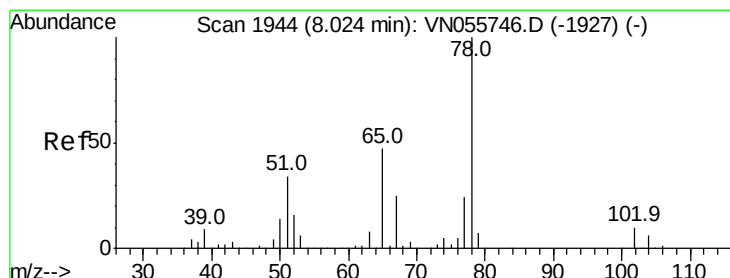
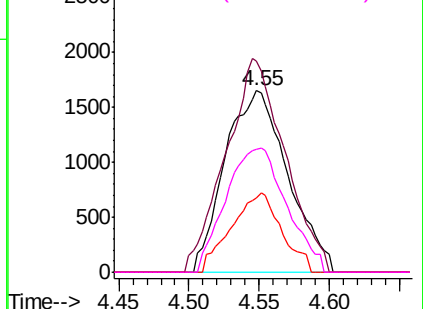
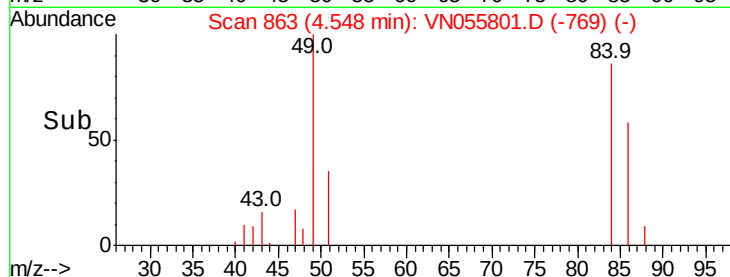


Abundance Ion 83.90 (83.60 to 84.60): VNC

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: 44.595 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055801.D

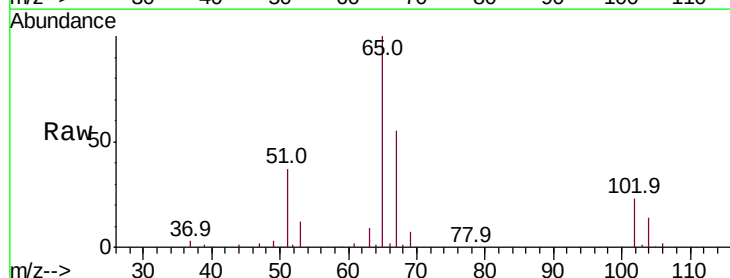
Acq: 24 May 2019 17:23

Tgt Ion: 65 Resp: 209283

Ion Ratio Lower Upper

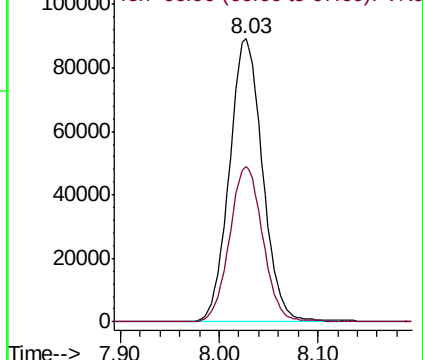
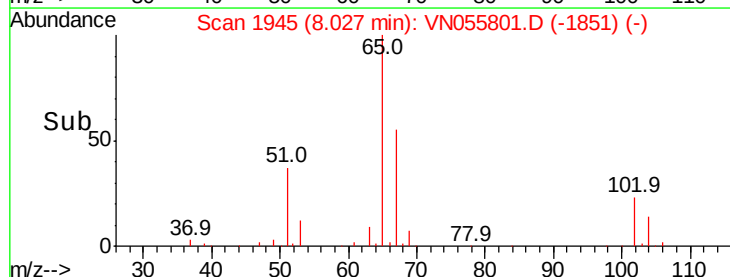
65 100

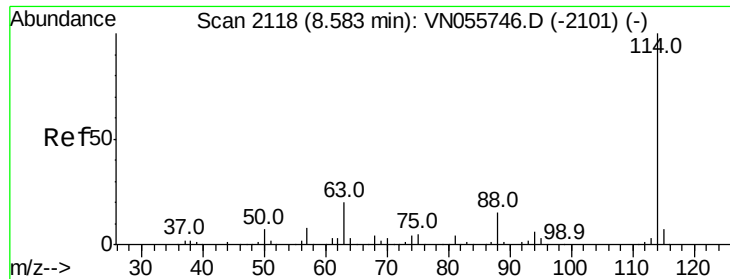
67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

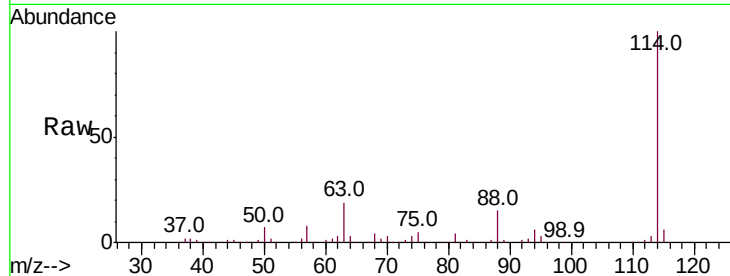




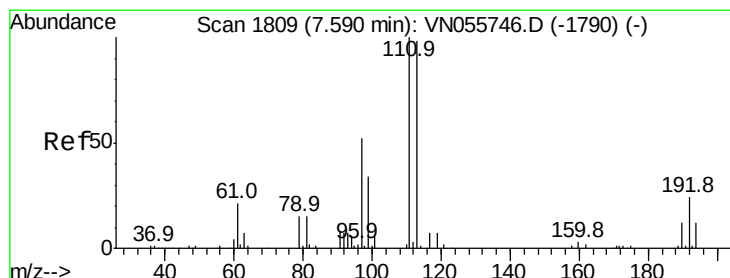
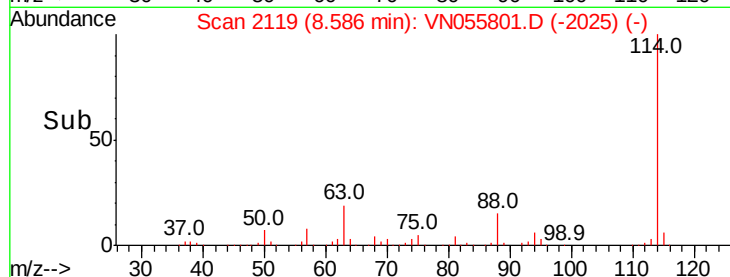
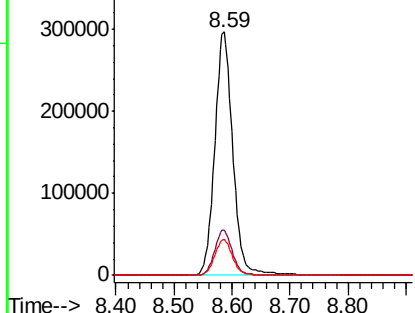
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055801.D
 Acq: 24 May 2019 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-S

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.2
88	14.8	0.0	31.0

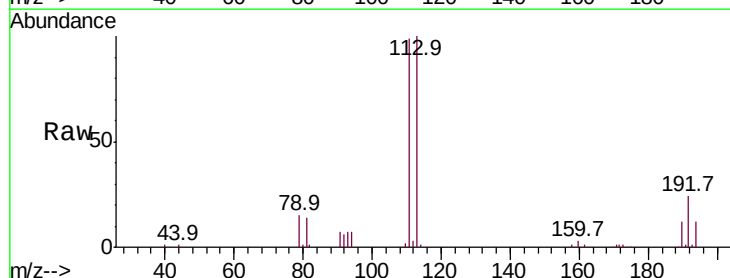


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

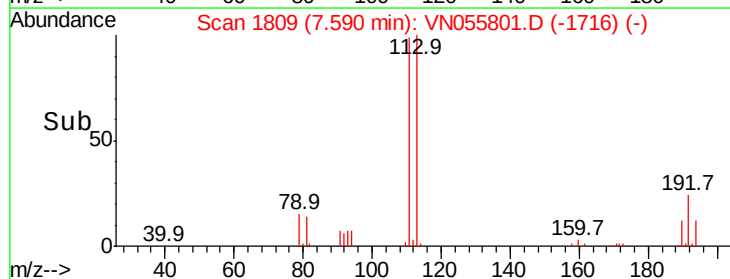
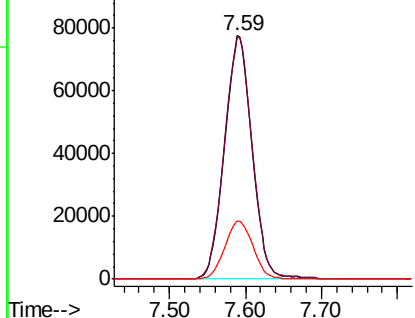


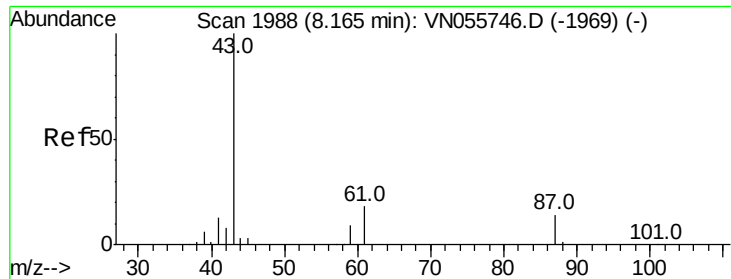
#35
 Dibromofluoromethane
 Concen: 48.145 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055801.D
 Acq: 24 May 2019 17:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.9	122.9
192	24.4	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: 1.470 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055801.D

Acq: 24 May 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

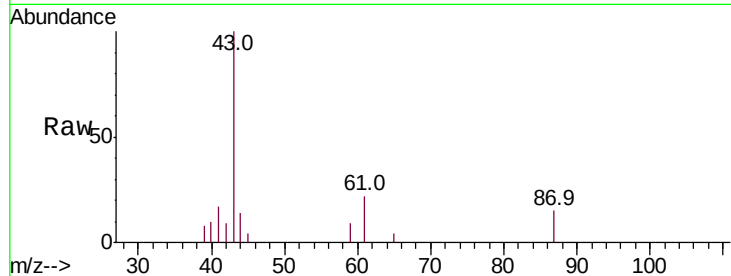
Tot Ion: 43 Resp: 13357

Ion Ratio Lower Upper

43 100

61 20.1 22.2 33.4#

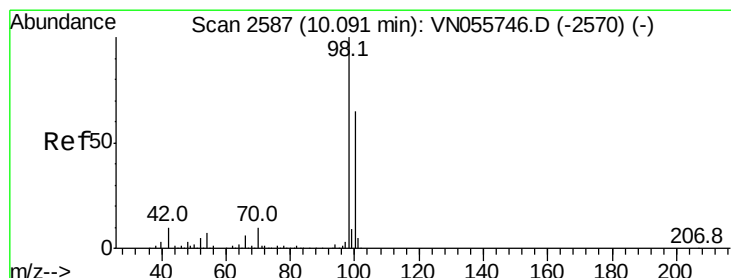
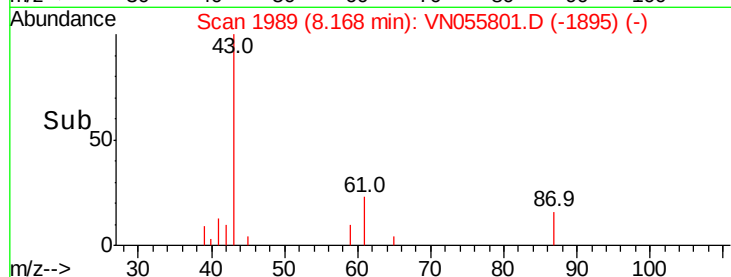
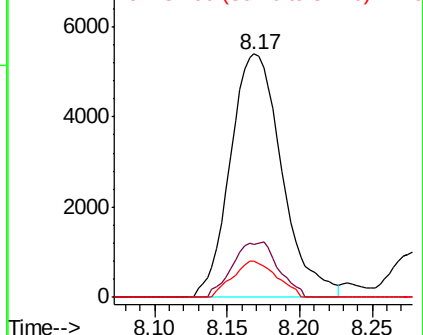
87 12.6 11.4 17.2



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: 48.556 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055801.D

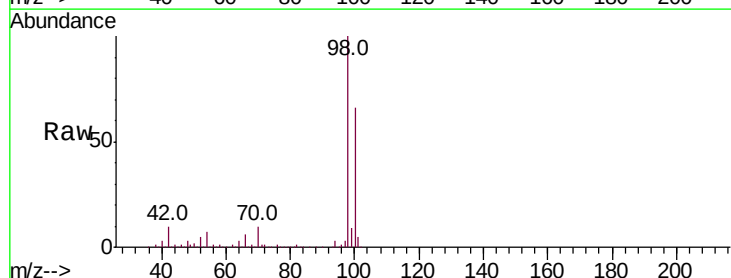
Acq: 24 May 2019 17:23

Tgt Ion: 98 Resp: 756305

Ion Ratio Lower Upper

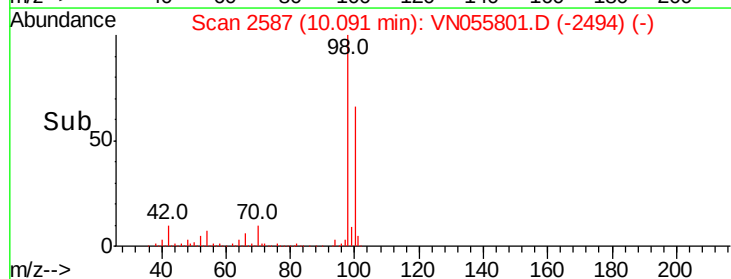
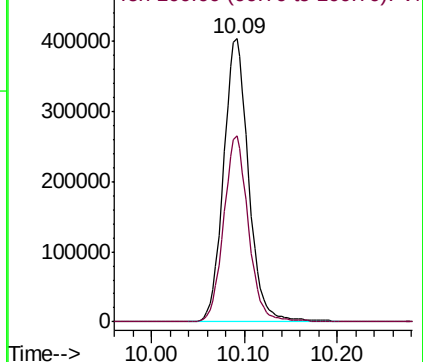
98 100

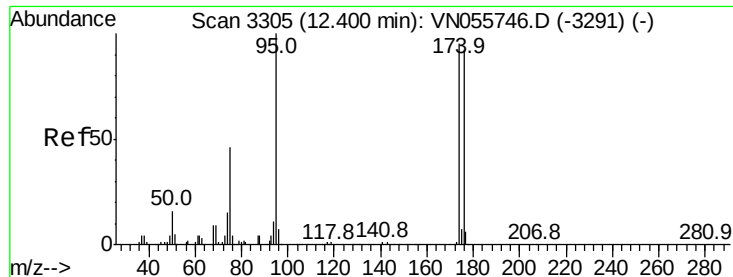
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.645 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055801.D

Acq: 24 May 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

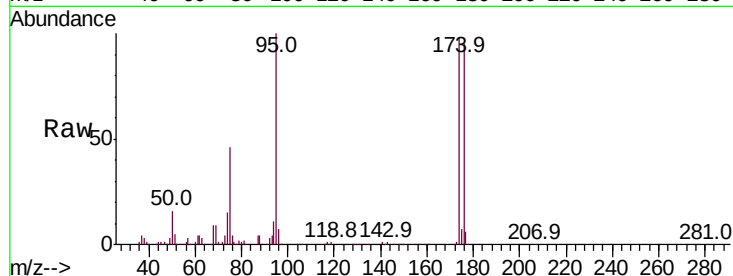
Tot Ion: 95 Resp: 249119

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

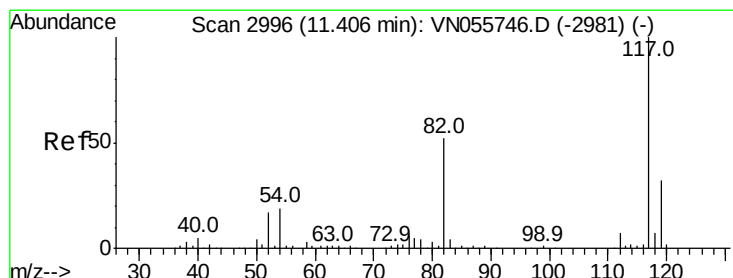
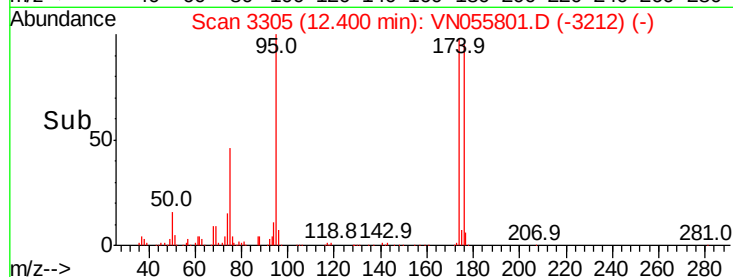
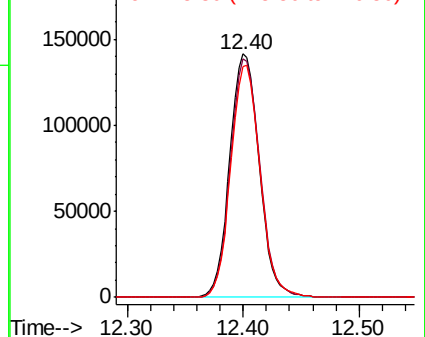
176 94.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055801.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055801.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055801.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055801.D

Acq: 24 May 2019 17:23

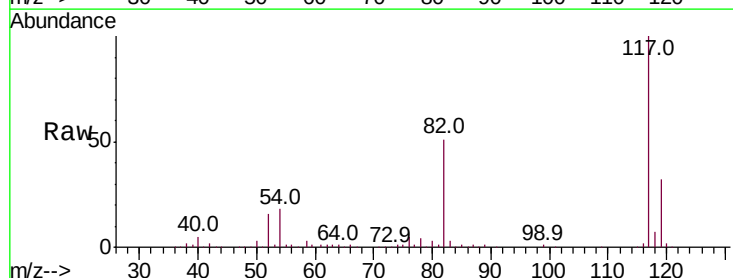
Tgt Ion: 117 Resp: 589261

Ion Ratio Lower Upper

117 100

82 51.1 41.8 62.8

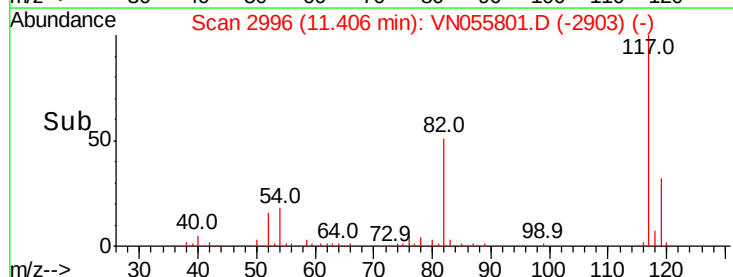
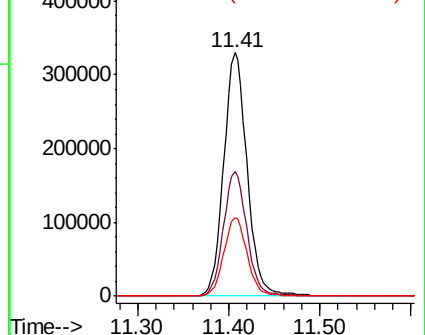
119 32.3 25.4 38.0

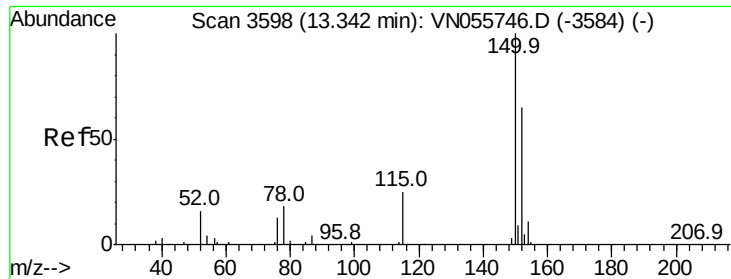


Abundance Ion 116.90 (116.60 to 117.60): VN055801.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055801.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055801.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055801.D

Acq: 24 May 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-8-S

Tot Ion:152 Resp: 214893

Ion Ratio Lower Upper

152 100

115 52.5 27.0 81.0

150 156.3 0.0 343.2

