

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055802.D
 Acq On : 24 May 2019 17:48
 Operator : JC/SP
 Sample : K2994-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Quant Time: May 25 05:09:09 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

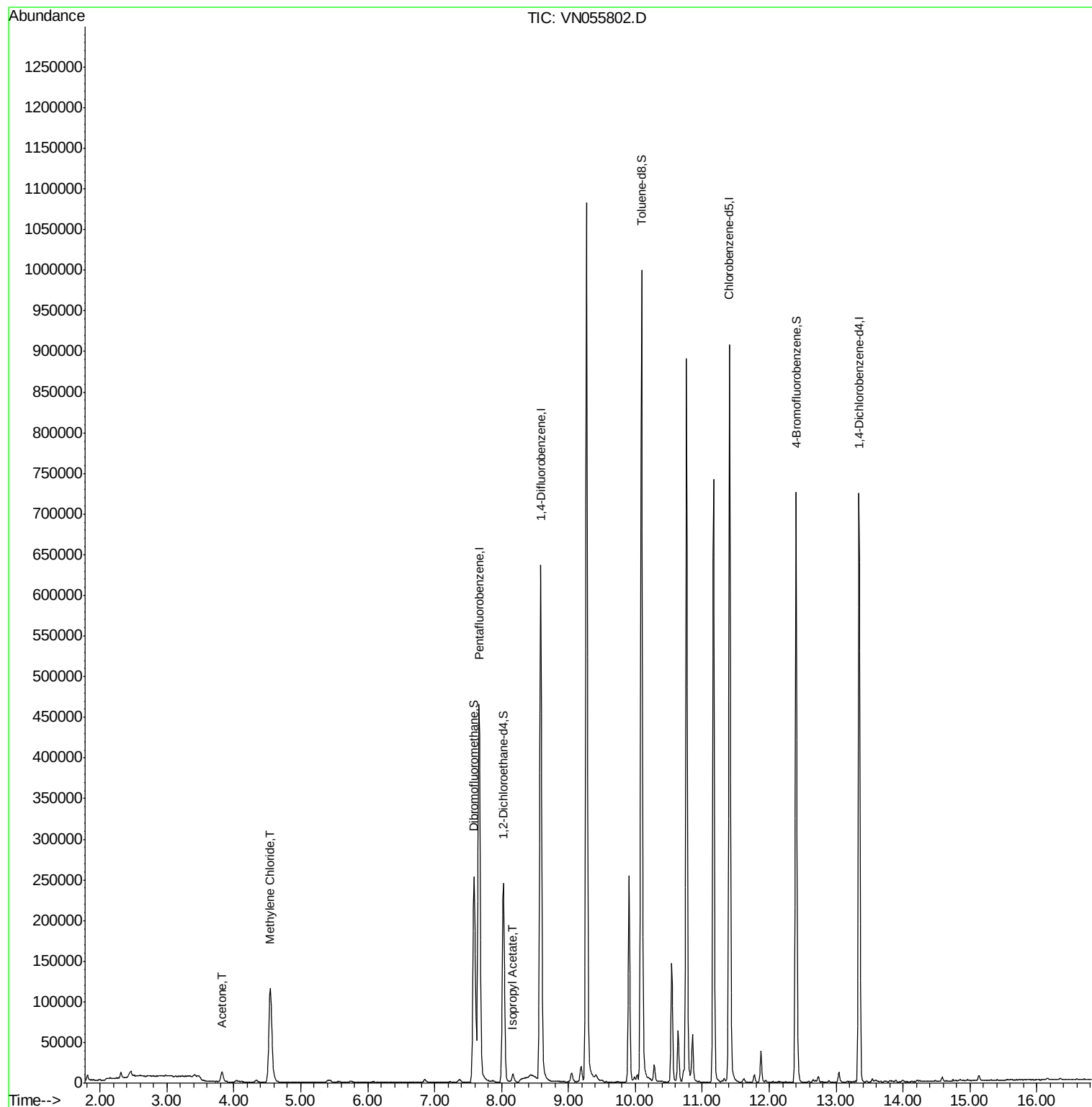
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	454681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	639322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	208904	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
35) Dibromofluoromethane	7.59	113	193404	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	10.09	98	756767	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.40	95	253588	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
16) Acetone	3.82	43	21186	10.264	ug/l	Qvalue 100
20) Methylene Chloride	4.55	84	98159	21.959	ug/l	98
43) Isopropyl Acetate	8.17	43	13333	1.474	ug/l #	88

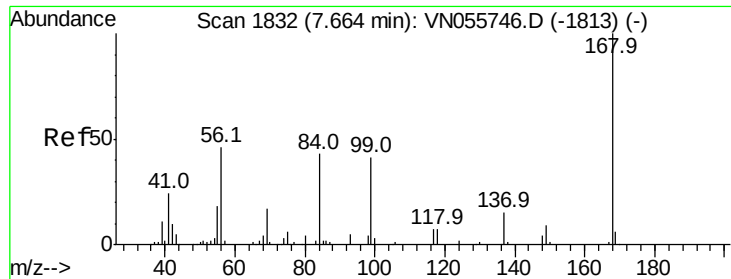
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

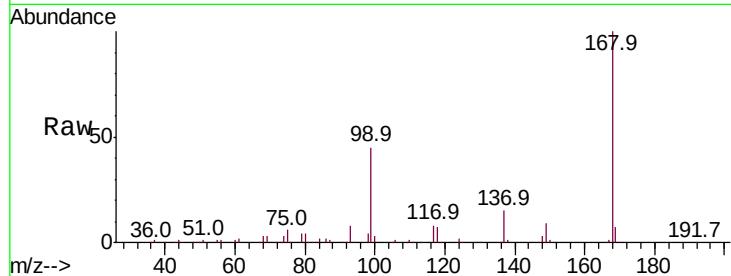
TP-8-D

Tot Ion:168 Resp: 454681

Ion Ratio Lower Upper

168 100

99 44.7 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

200000

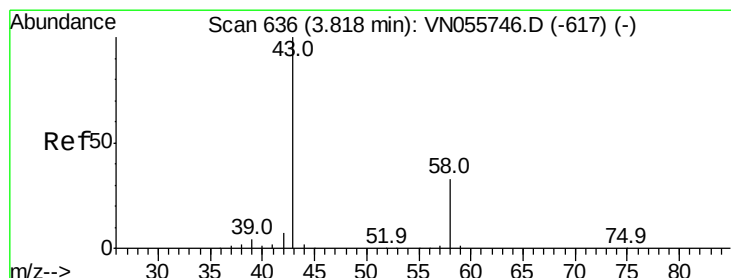
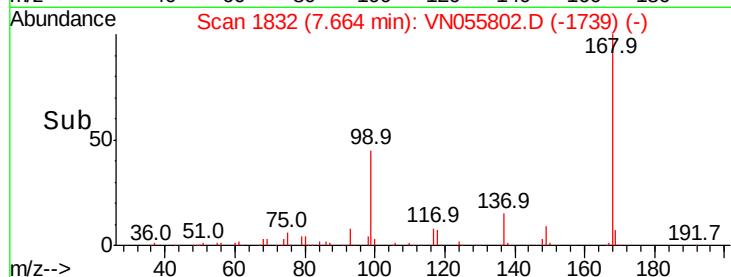
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 10.264 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055802.D

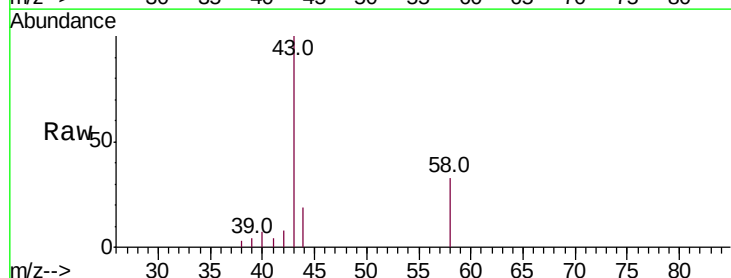
Acq: 24 May 2019 17:48

Tgt Ion: 43 Resp: 21186

Ion Ratio Lower Upper

43 100

58 33.2 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

8000

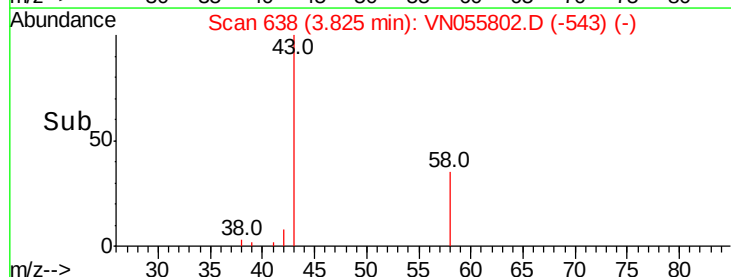
6000

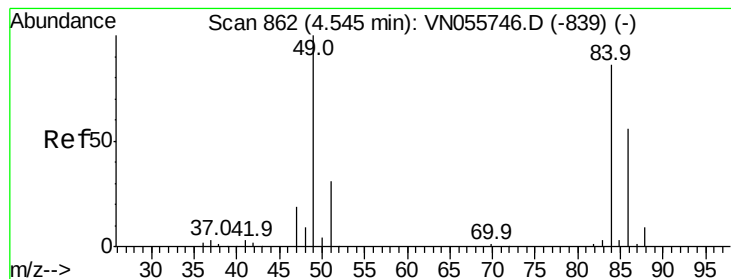
4000

2000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 21.959 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

TP-8-D

Tot Ion: 84 Resp: 98159

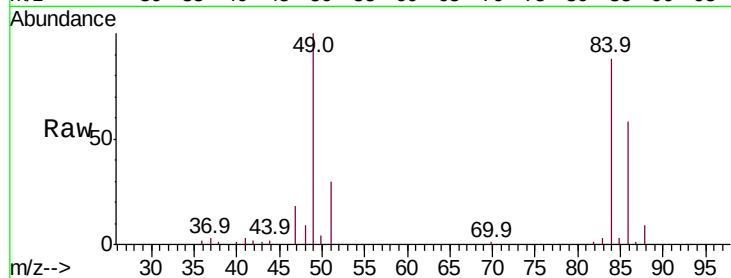
Ion Ratio Lower Upper

84 100

49 113.6 93.5 140.3

51 34.1 28.6 43.0

86 65.5 52.6 79.0

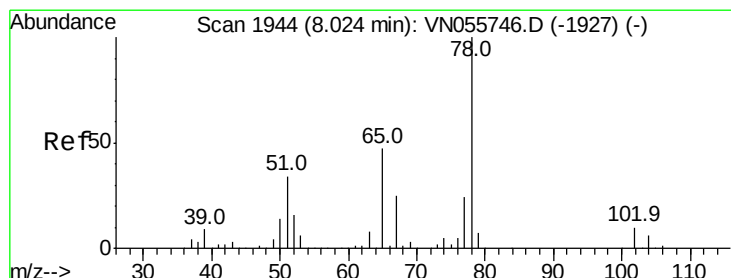
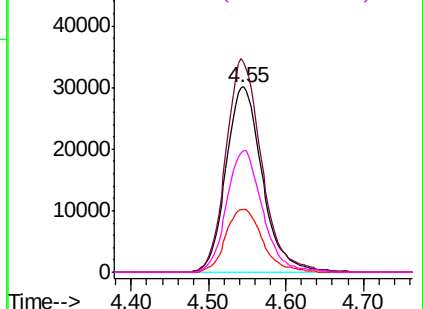
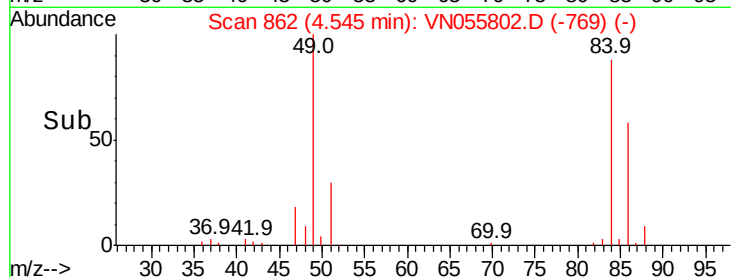


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 44.489 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055802.D

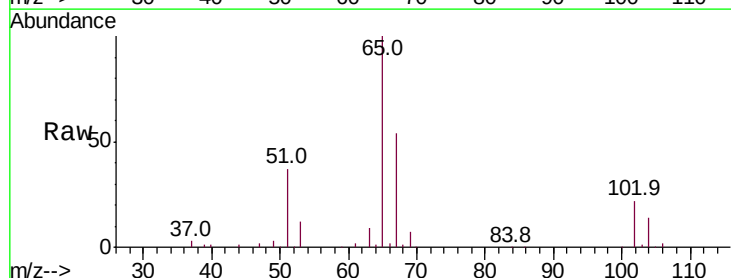
Acq: 24 May 2019 17:48

Tgt Ion: 65 Resp: 208904

Ion Ratio Lower Upper

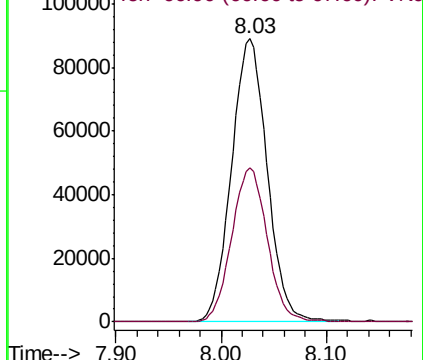
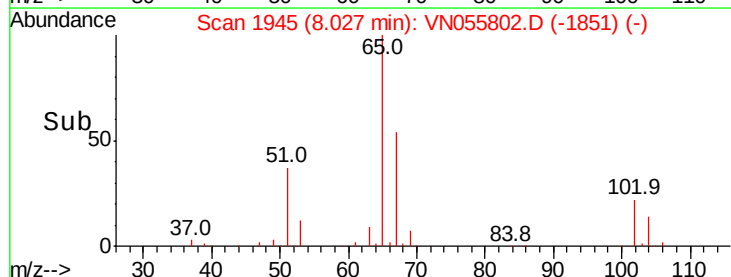
65 100

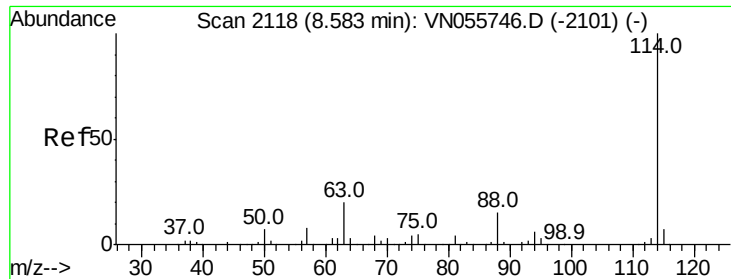
67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

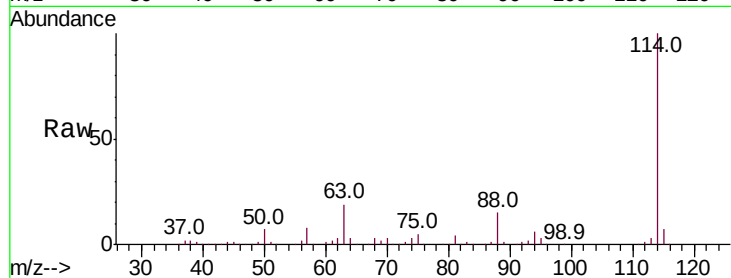




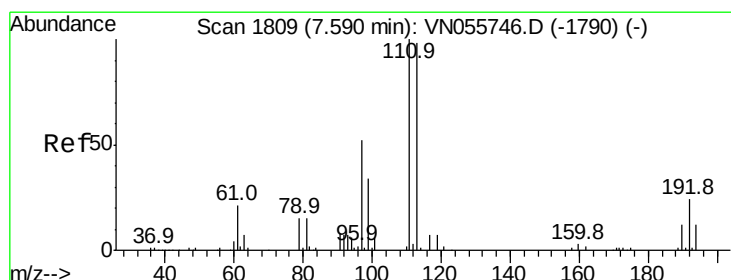
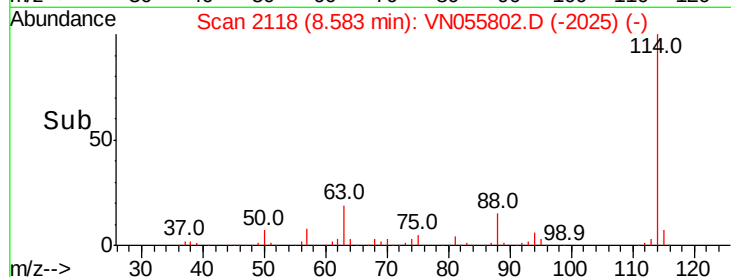
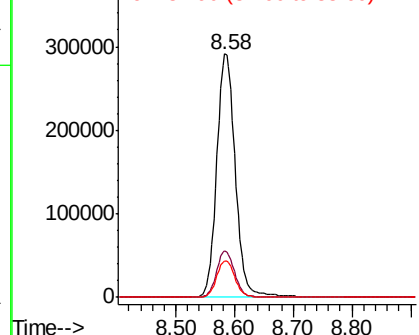
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-8-D

Tot Ion:114 Resp: 639322
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 14.8 0.0 31.0

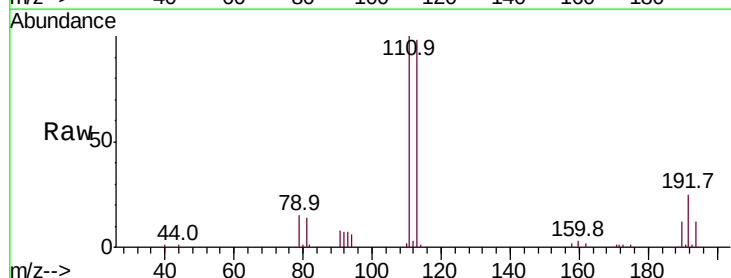


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

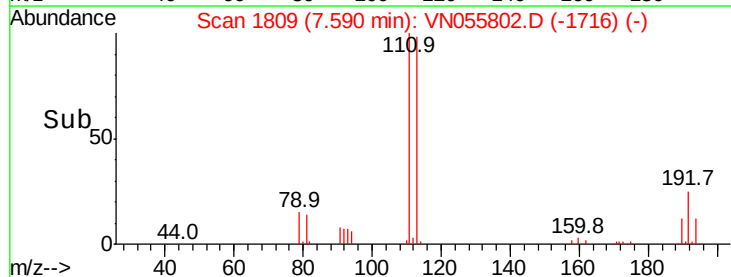
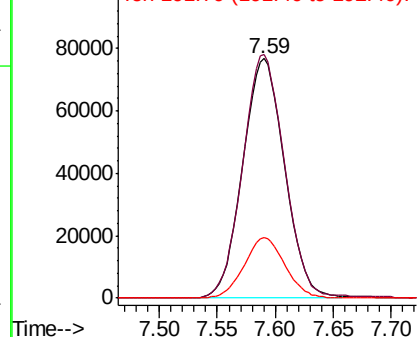


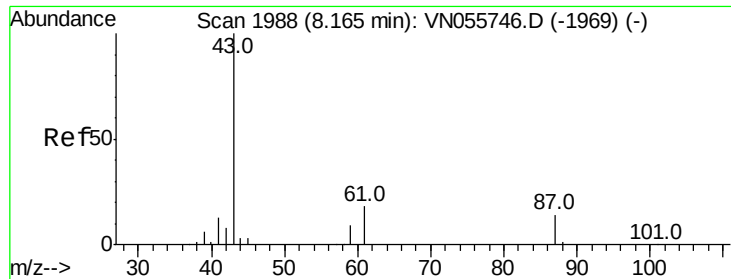
#35
 Dibromofluoromethane
 Concen: 47.848 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055802.D
 Acq: 24 May 2019 17:48

Tgt Ion:113 Resp: 193404
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 24.6 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: 1.474 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

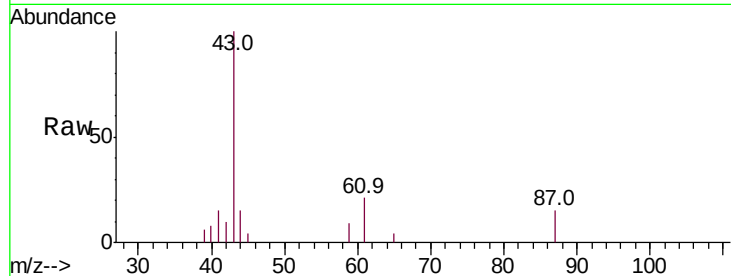
Tot Ion: 43 Resp: 13333

Ion Ratio Lower Upper

43 100

61 19.2 22.2 33.4#

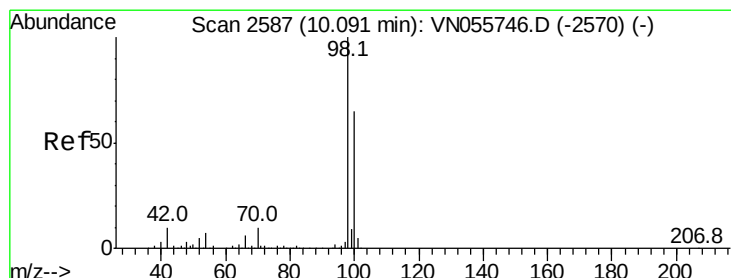
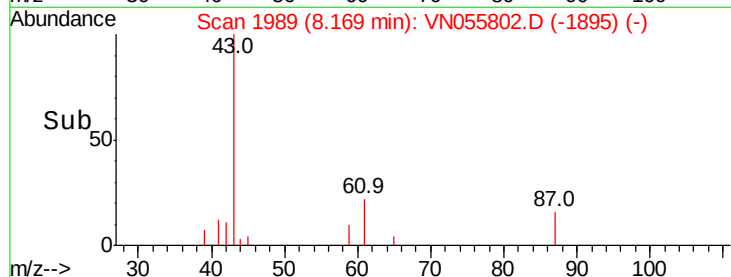
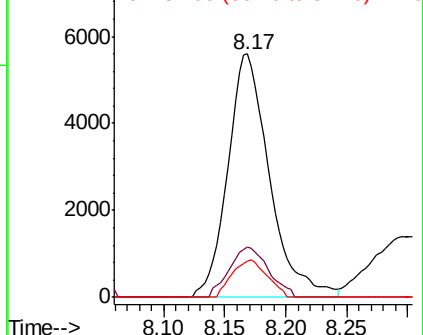
87 12.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055802.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN055802.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN055802.D (-1895) (-)



#50

Toluene-d8

Concen: 48.809 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055802.D

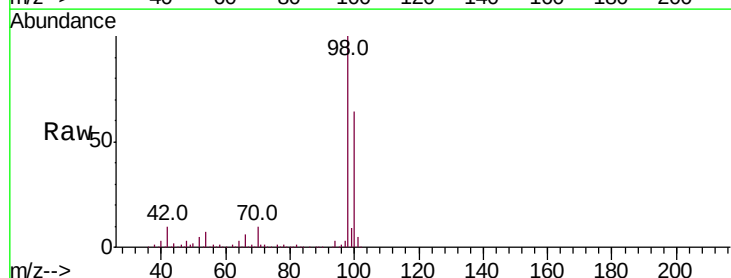
Acq: 24 May 2019 17:48

Tgt Ion: 98 Resp: 756767

Ion Ratio Lower Upper

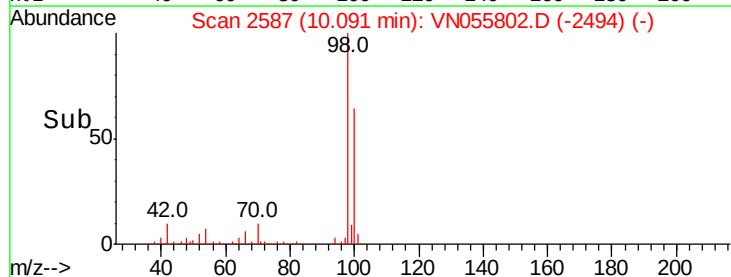
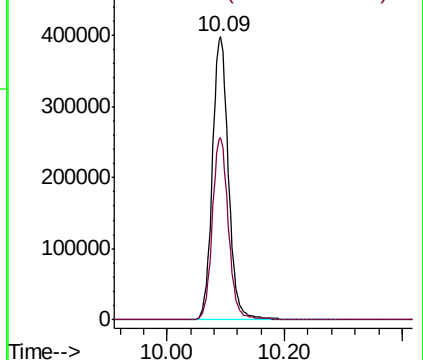
98 100

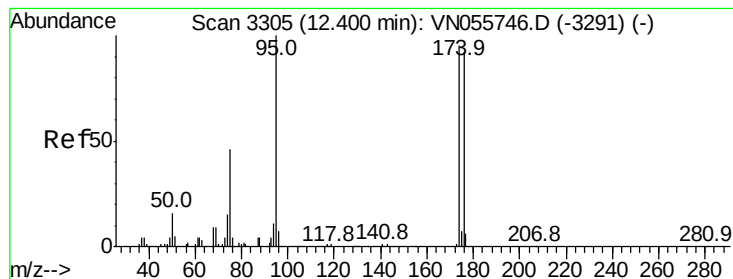
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055802.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055802.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 47.699 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

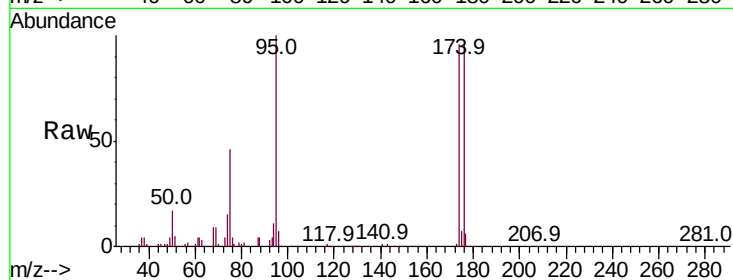
Tot Ion: 95 Resp: 253588

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 95.1 0.0 185.2

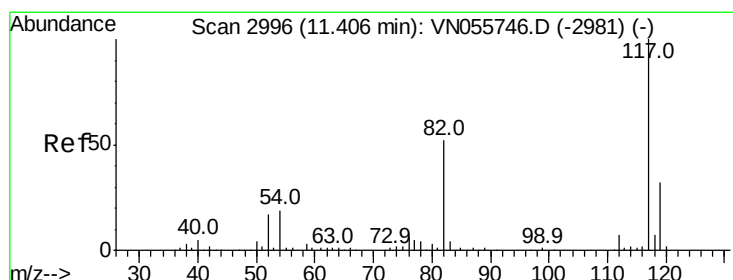
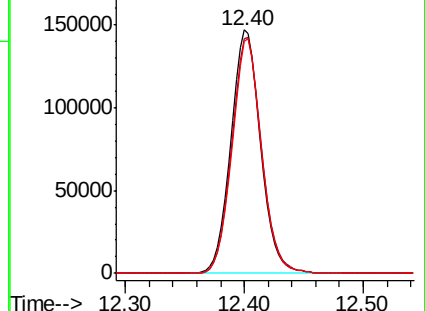
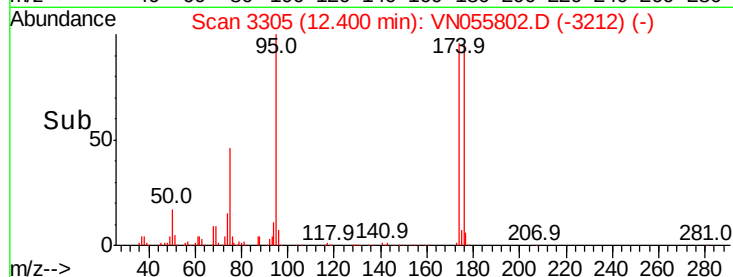


Abundance Ion 94.90 (94.60 to 95.60): VN055802.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055802.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055802.D (-2903) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

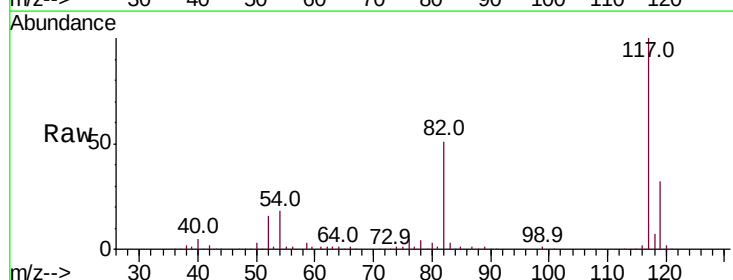
Tgt Ion: 117 Resp: 587249

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 31.9 25.4 38.0

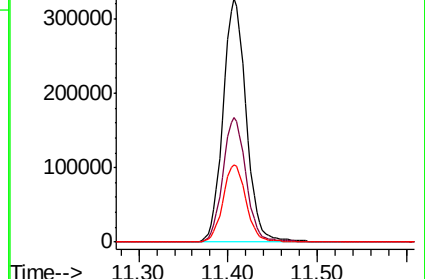
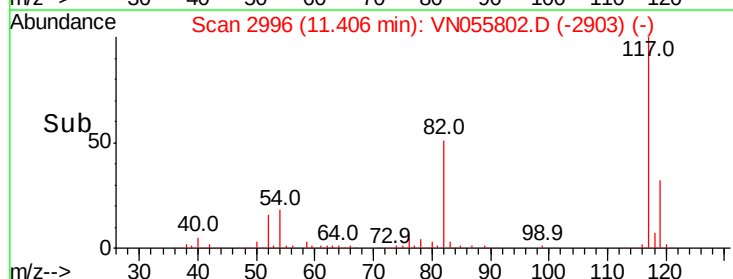


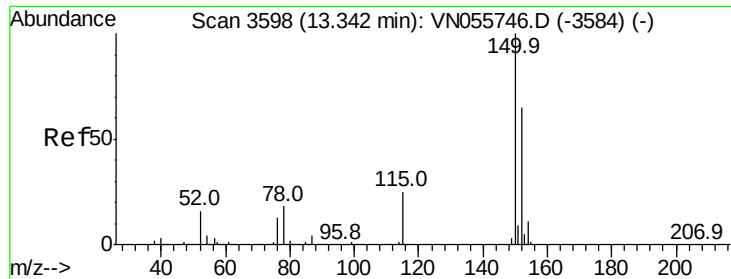
Abundance Ion 116.90 (116.60 to 117.60): VN055802.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055802.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055802.D (-2903) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055802.D

Acq: 24 May 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

TP-8-D

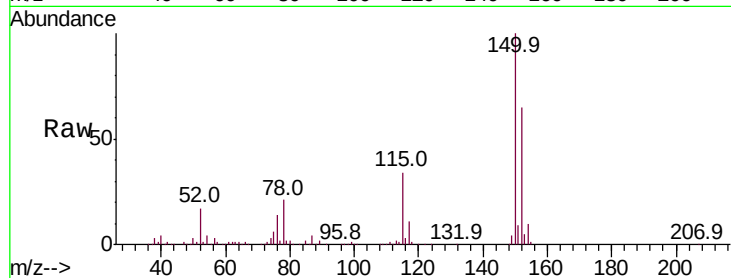
Tot Ion:152 Resp: 221638

Ion Ratio Lower Upper

152 100

115 52.7 27.0 81.0

150 156.4 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

