

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055893.D
 Acq On : 30 May 2019 12:08
 Operator : JC/SP
 Sample : K2642-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-052919

Quant Time: May 30 19:00:50 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

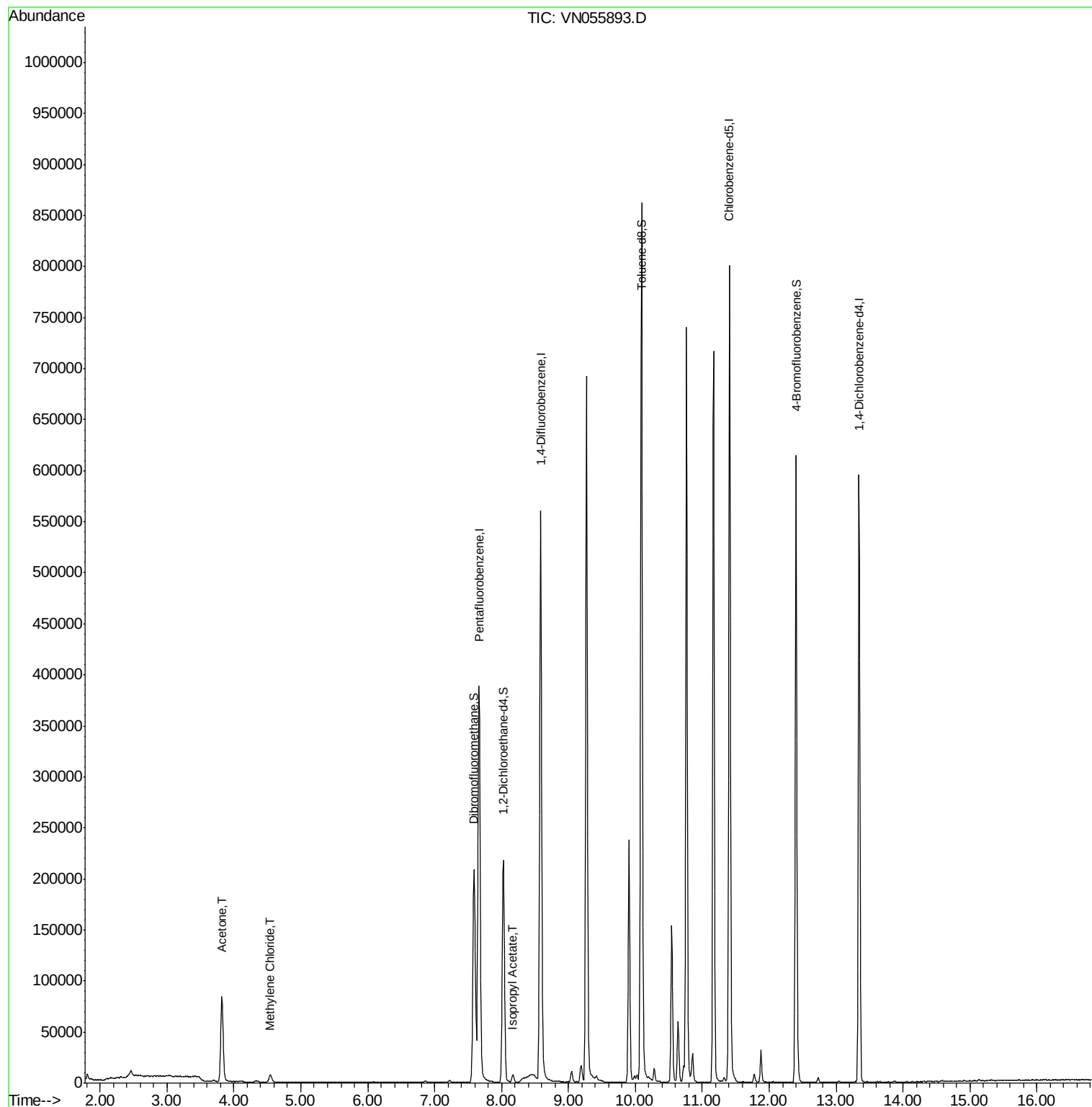
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	359889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	551360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	511446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	187577	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.59	113	163471	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	10.09	98	660163	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.40	95	216017	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
16) Acetone	3.82	43	139451	85.356	ug/l	99
20) Methylene Chloride	4.54	84	5767	1.630	ug/l	95
43) Isopropyl Acetate	8.17	43	9891	1.268	ug/l #	86

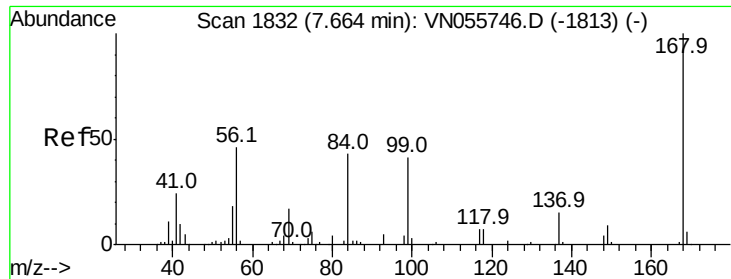
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055893.D

Acq: 30 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

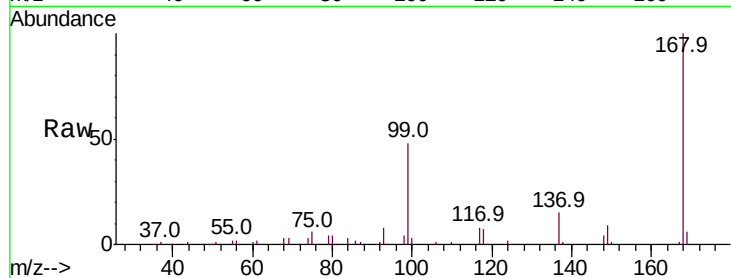
OK-02-052919

Tot Ion:168 Resp: 359889

Ion Ratio Lower Upper

168 100

99 48.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055893.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055893.D (-1739) (-)

7.66

150000

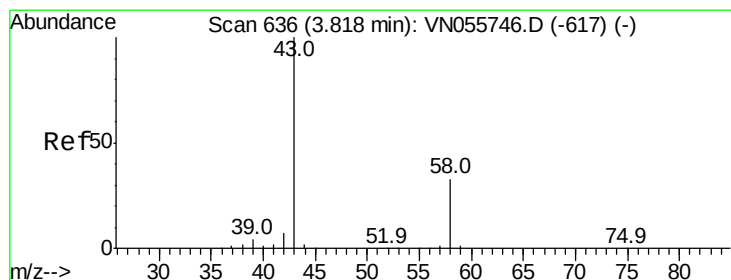
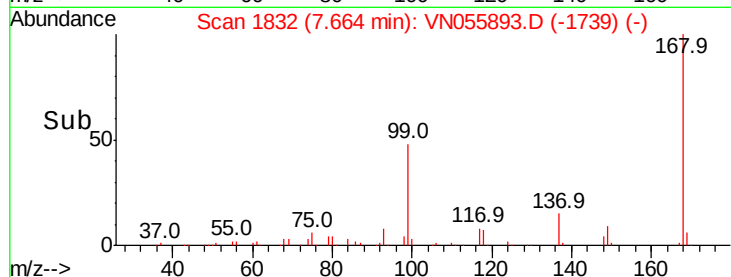
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 85.356 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055893.D

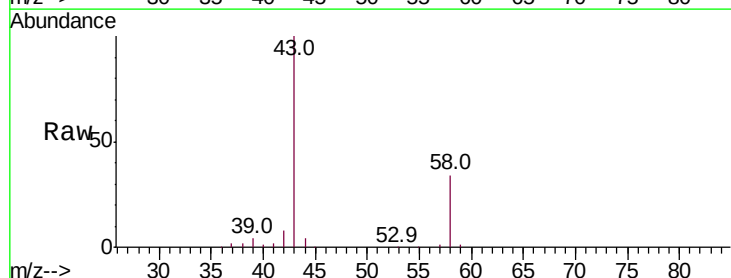
Acq: 30 May 2019 12:08

Tgt Ion: 43 Resp: 139451

Ion Ratio Lower Upper

43 100

58 33.6 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055893.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055893.D (-543) (-)

3.82

60000

50000

40000

30000

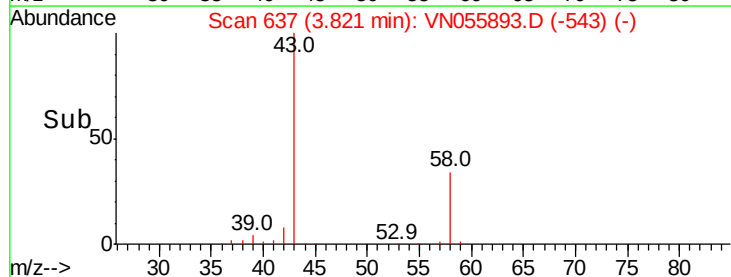
20000

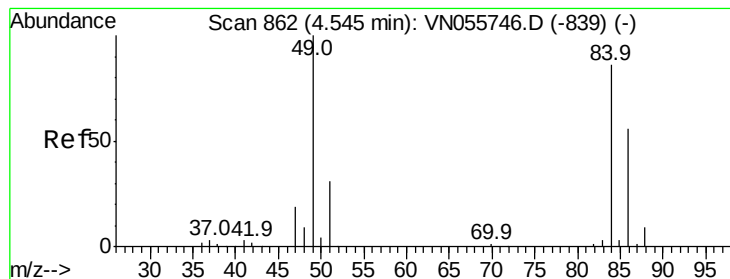
10000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 1.630 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055893.D

Acq: 30 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

OK-02-052919

Tot Ion: 84 Resp: 5767

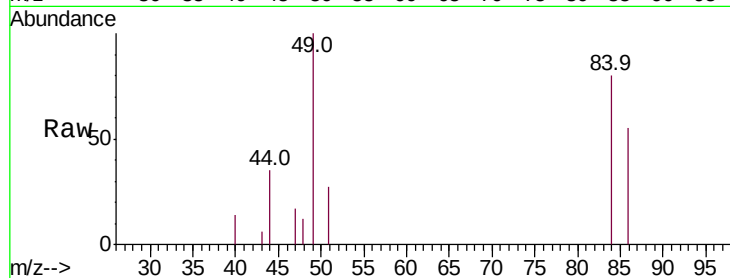
Ion Ratio Lower Upper

84 100

49 125.0 93.5 140.3

51 34.3 28.6 43.0

86 68.6 52.6 79.0

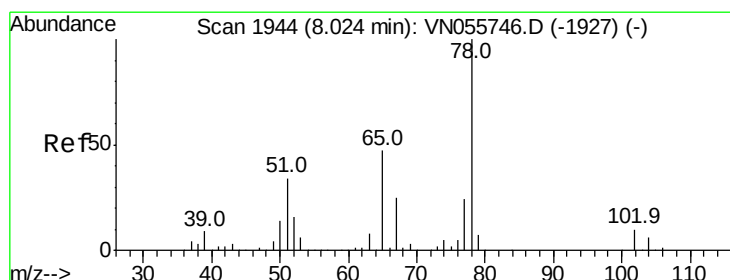
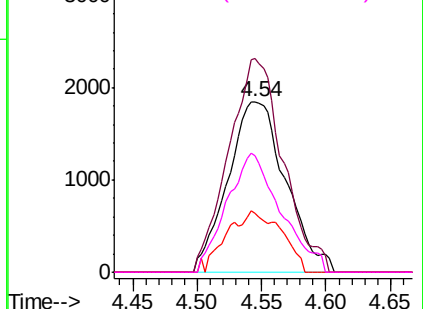
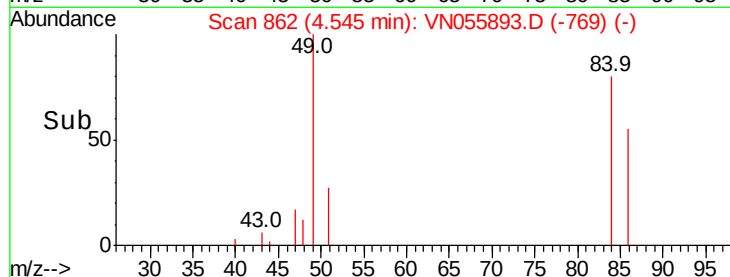


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 50.469 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055893.D

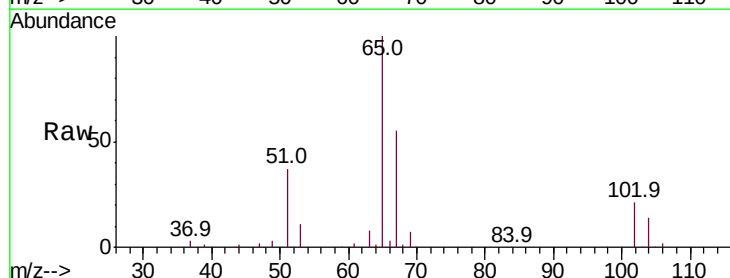
Acq: 30 May 2019 12:08

Tgt Ion: 65 Resp: 187577

Ion Ratio Lower Upper

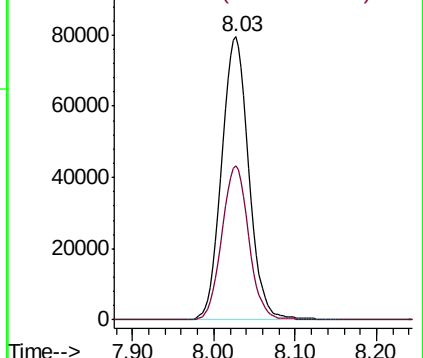
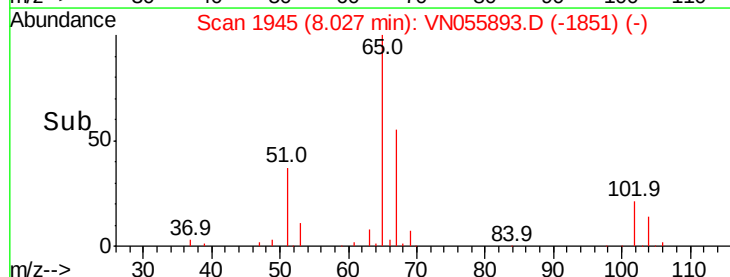
65 100

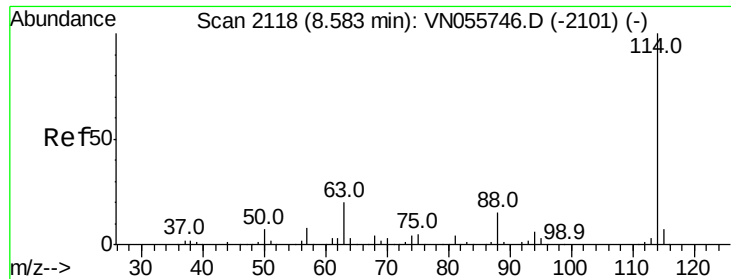
67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

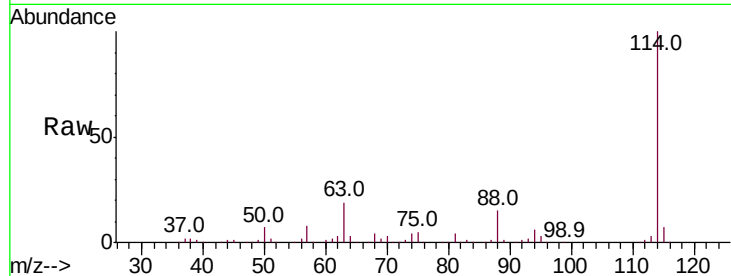




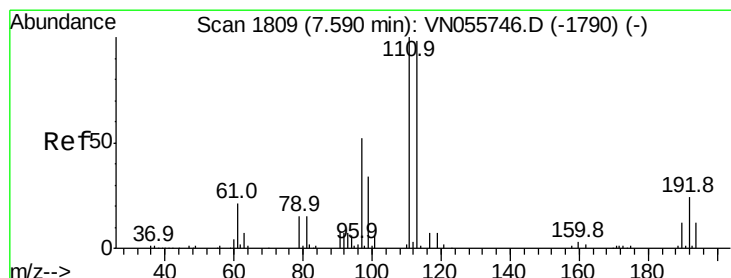
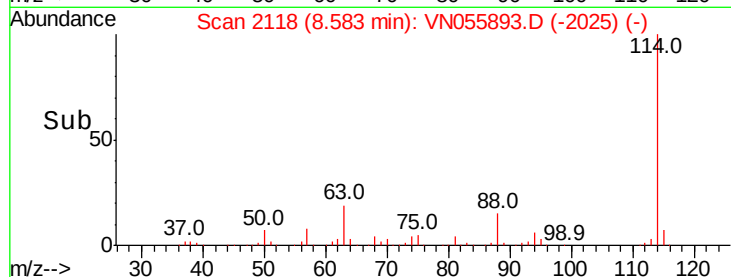
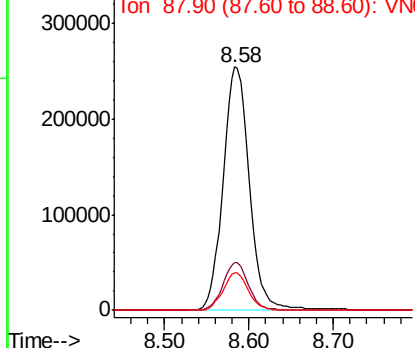
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055893.D
 Acq: 30 May 2019 12:08

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-052919

Tot Ion:114 Resp: 551360
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 31.0

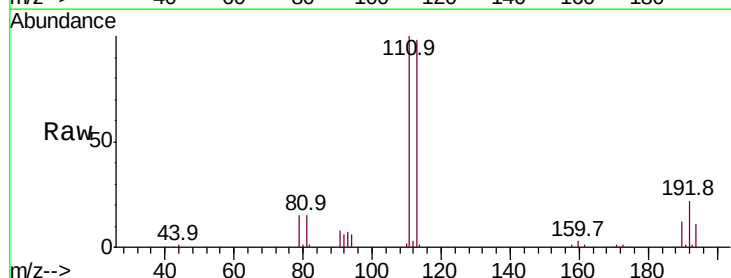


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

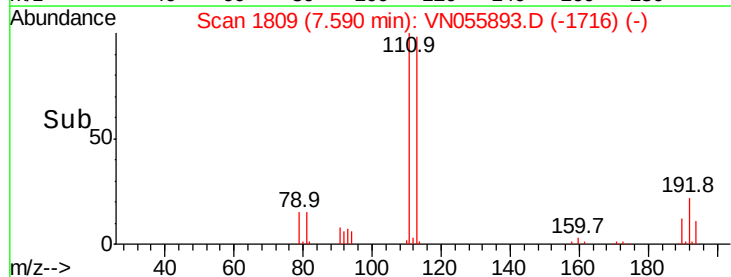
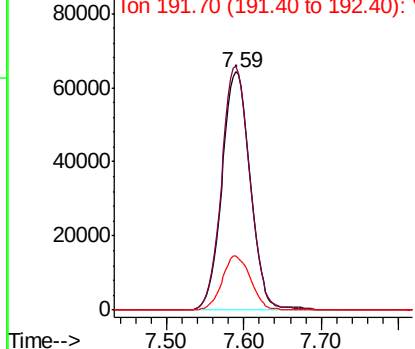


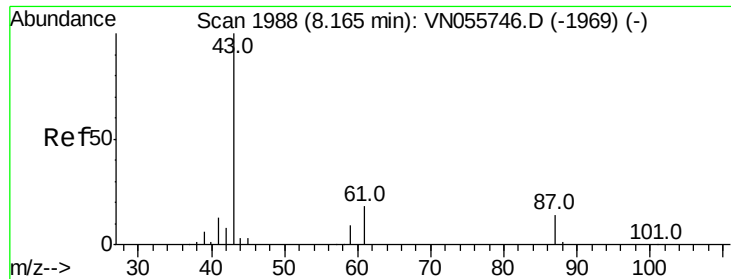
#35
 Dibromofluoromethane
 Concen: 46.895 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055893.D
 Acq: 30 May 2019 12:08

Tgt Ion:113 Resp: 163471
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 22.8 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: 1.268 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055893.D

Acq: 30 May 2019 12:08

Instrument :

MSVOA_N

ClientSampled :

OK-02-052919

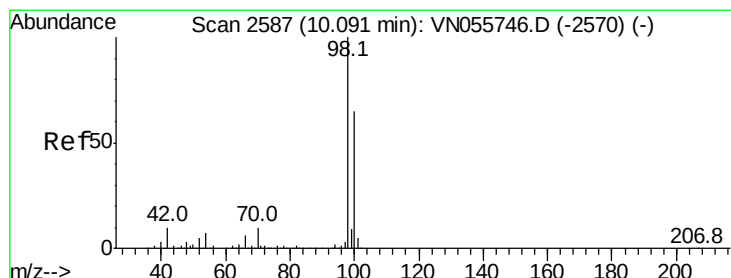
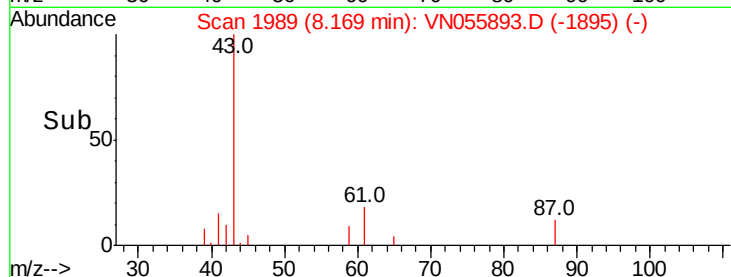
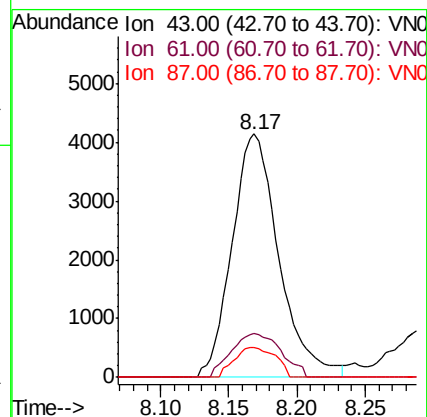
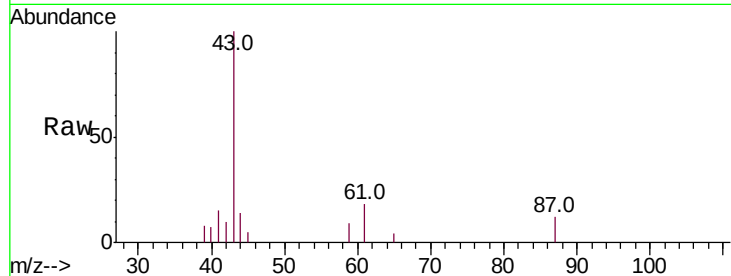
Tot Ion: 43 Resp: 9891

Ion Ratio Lower Upper

43 100

61 19.1 22.2 33.4#

87 10.7 11.4 17.2#



#50

Toluene-d8

Concen: 49.371 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055893.D

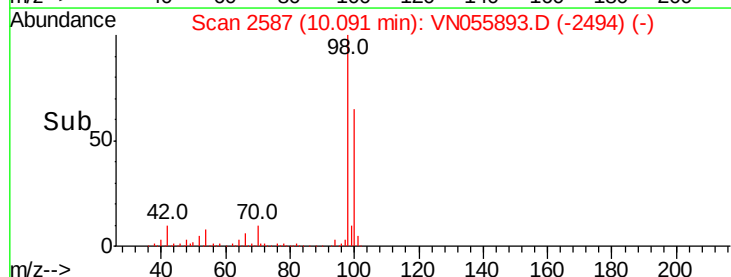
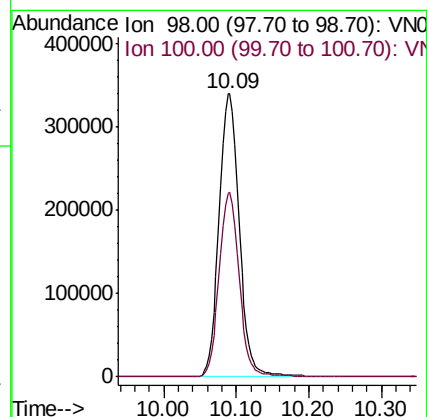
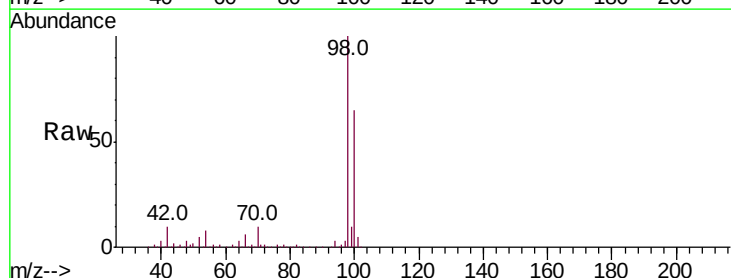
Acq: 30 May 2019 12:08

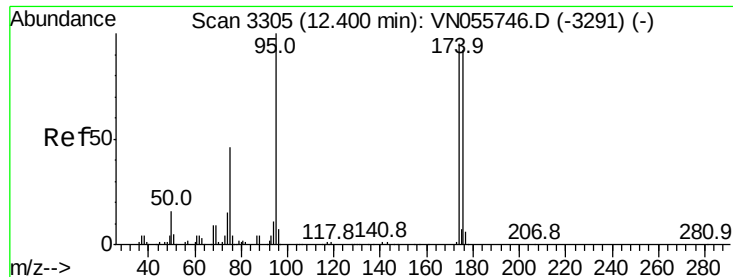
Tgt Ion: 98 Resp: 660163

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 47.114 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055893.D

Acq: 30 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

OK-02-052919

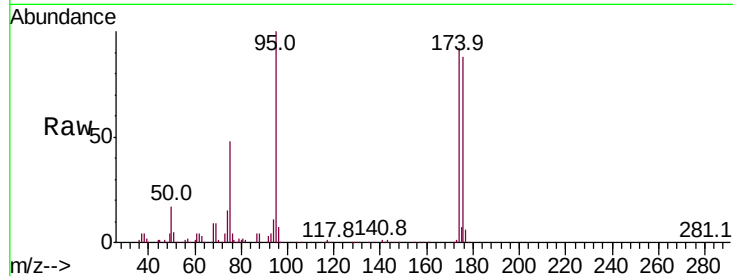
Tot Ion: 95 Resp: 216017

Ion Ratio Lower Upper

95 100

174 91.9 0.0 191.0

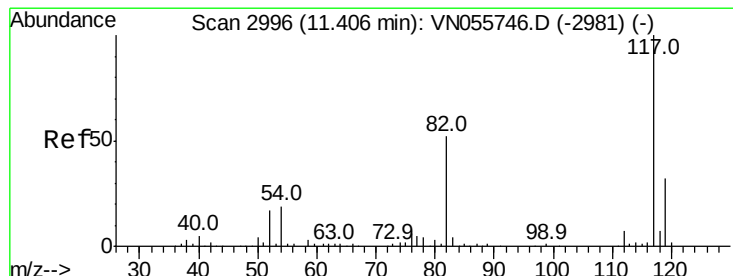
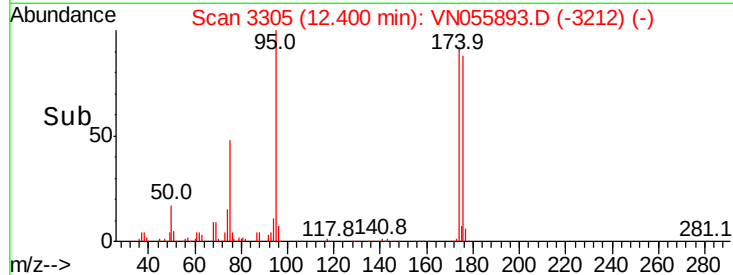
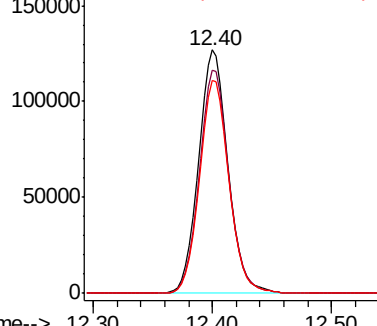
176 88.0 0.0 185.2



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: VN055893.D

Acq: 30 May 2019 12:08

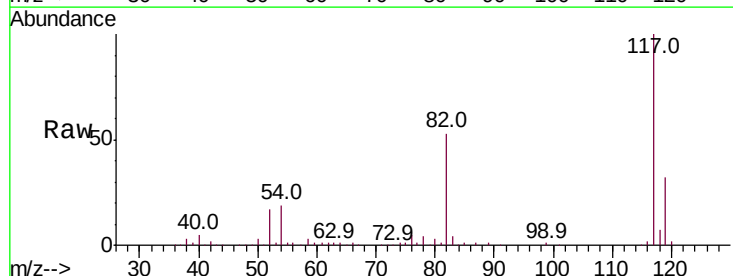
Tgt Ion: 117 Resp: 511446

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

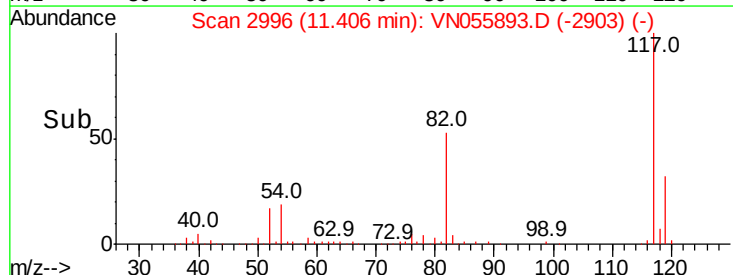
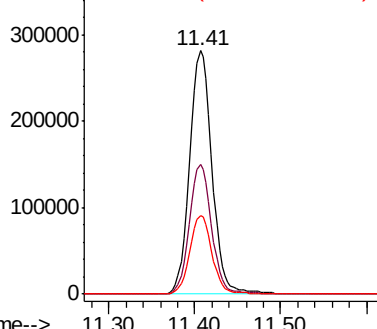
119 32.3 25.4 38.0

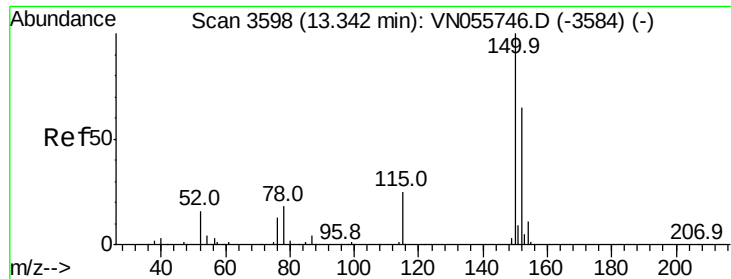


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: VN055893.D

Acq: 30 May 2019 12:08

Instrument :

MSVOA_N

ClientSampleId :

OK-02-052919

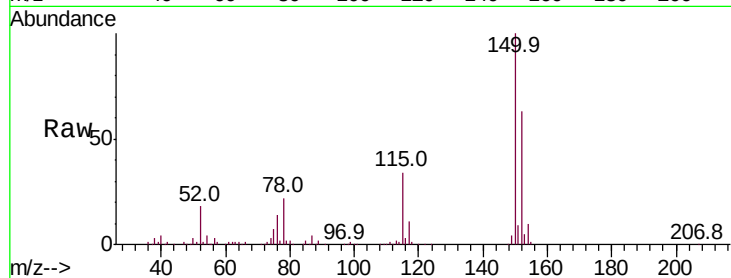
Tot Ion:152 Resp: 173947

Ion Ratio Lower Upper

152 100

115 53.8 27.0 81.0

150 158.0 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

