

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059606.D
 Acq On : 16 Dec 2019 16:39
 Operator : JC/SP
 Sample : K6274-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-COMP

Quant Time: Dec 17 06:03:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

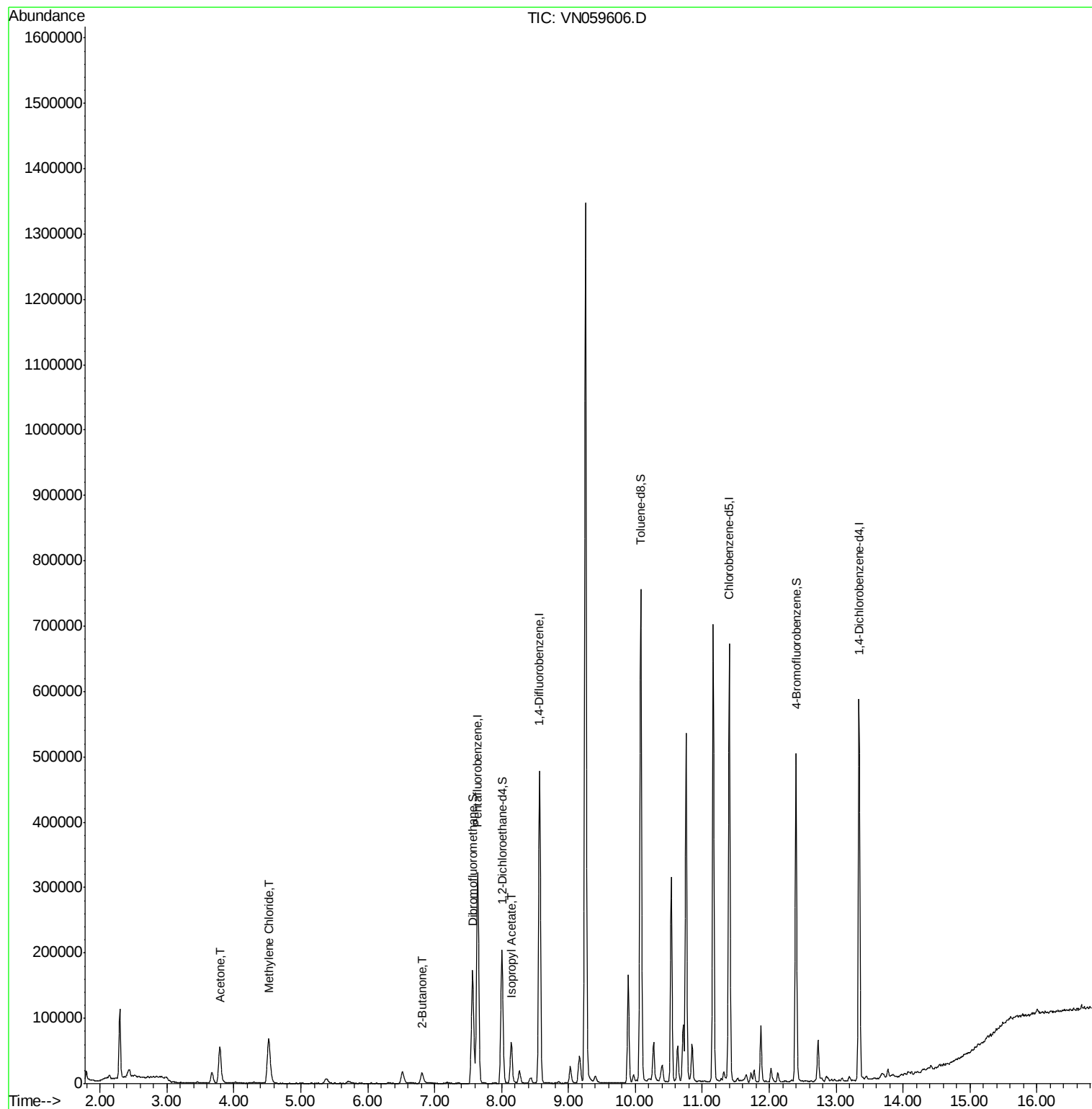
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	252762	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	409858	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	368414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	180867	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.57	113	128563	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.08	98	505205	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	170767	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
16) Acetone	3.79	43	94961	43.486	ug/l	98
20) Methylene Chloride	4.53	84	53486	16.959	ug/l	99
25) 2-Butanone	6.81	43	29406	11.261	ug/l	97
43) Isopropyl Acetate	8.15	43	74227	9.610	ug/l #	90

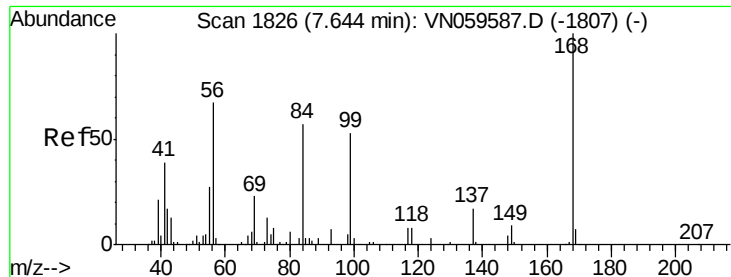
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
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ClientSampleId :
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Quant Time: Dec 17 06:03:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

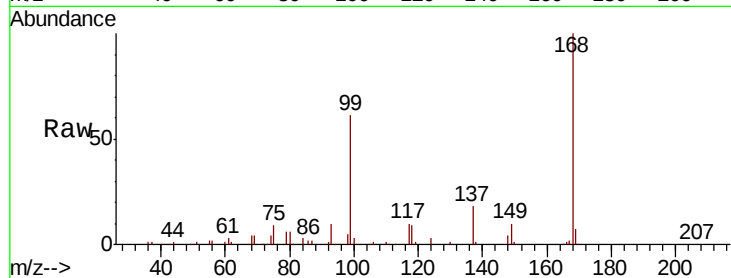
T2-COMP

Tot Ion:168 Resp: 252762

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

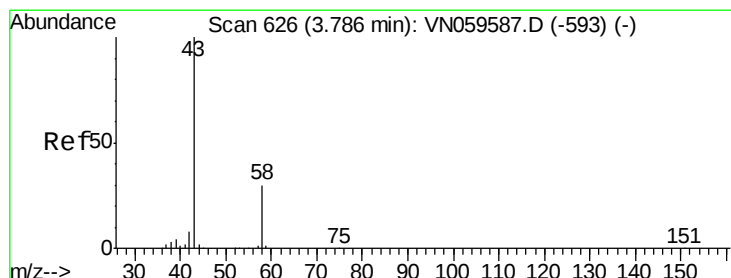
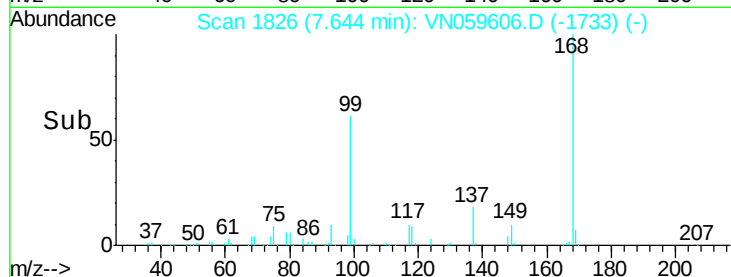
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 43.486 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059606.D

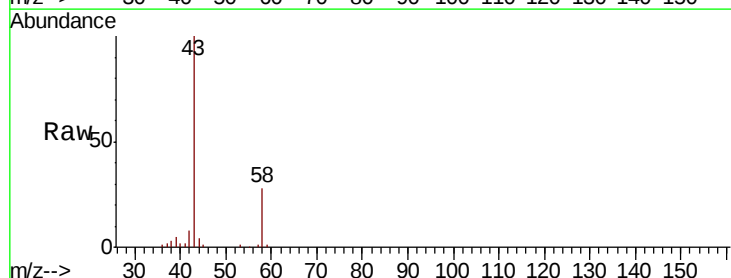
Acq: 16 Dec 2019 16:39

Tgt Ion: 43 Resp: 94961

Ion Ratio Lower Upper

43 100

58 28.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

40000

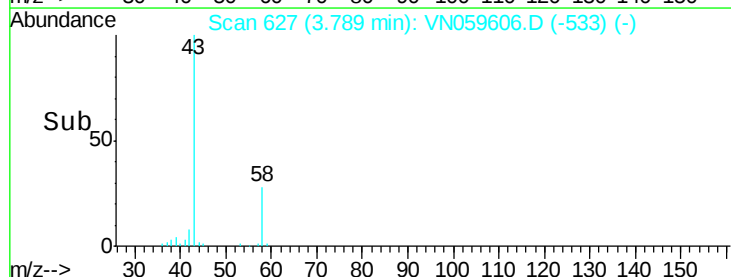
30000

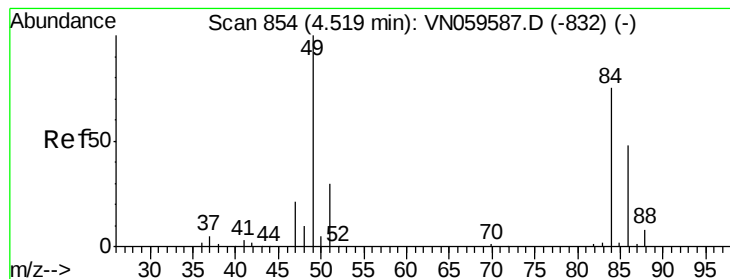
20000

10000

0

Time-->





#20

Methvlene Chloride

Concen: 16.959 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.01 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

T2-COMP

Tot Ion: 84 Resp: 53486

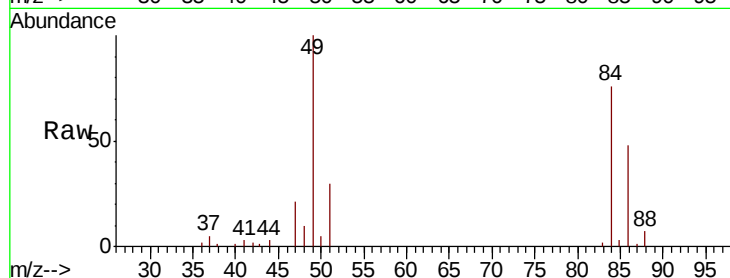
Ion Ratio Lower Upper

84 100

49 132.4 106.6 160.0

51 40.0 31.9 47.9

86 63.8 50.8 76.2

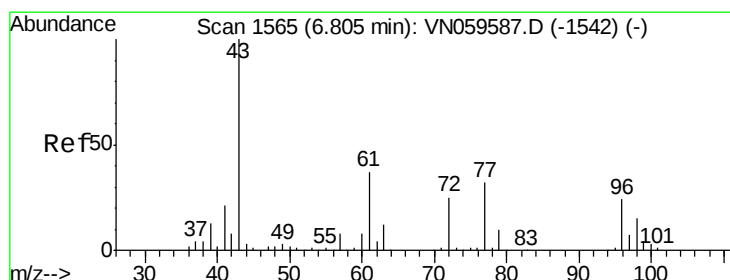
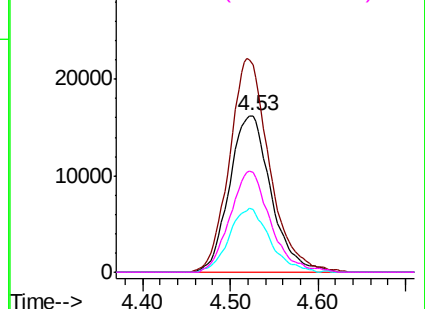
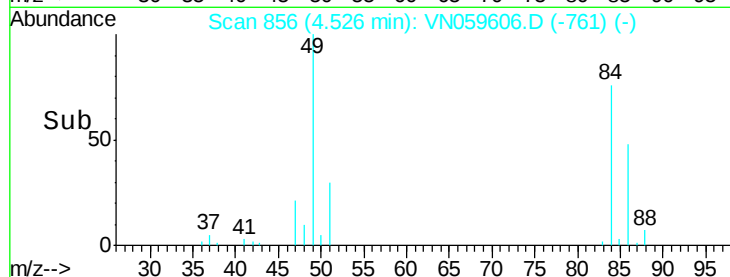


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#25

2-Butanone

Concen: 11.261 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059606.D

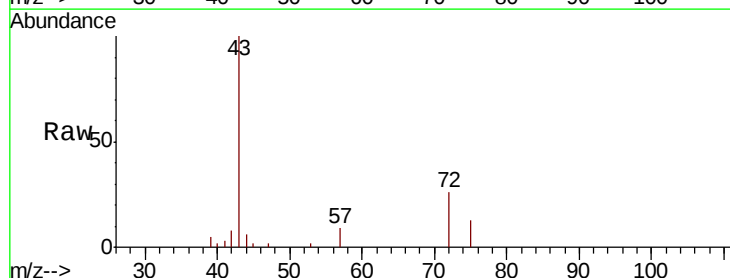
Acq: 16 Dec 2019 16:39

Tgt Ion: 43 Resp: 29406

Ion Ratio Lower Upper

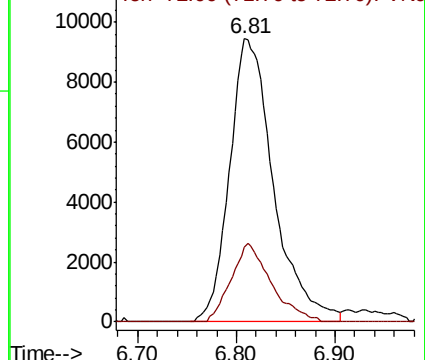
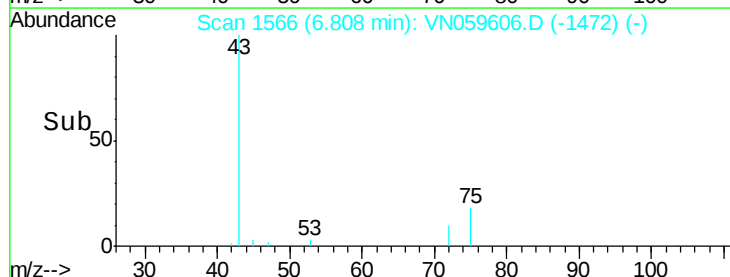
43 100

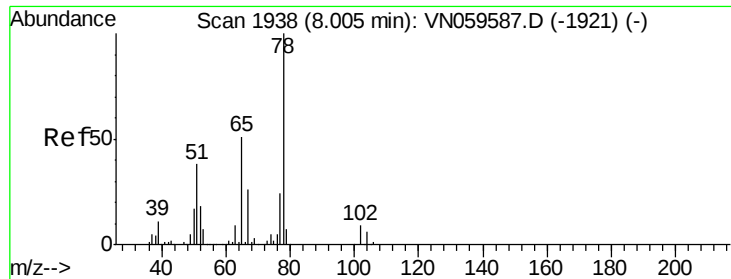
72 26.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

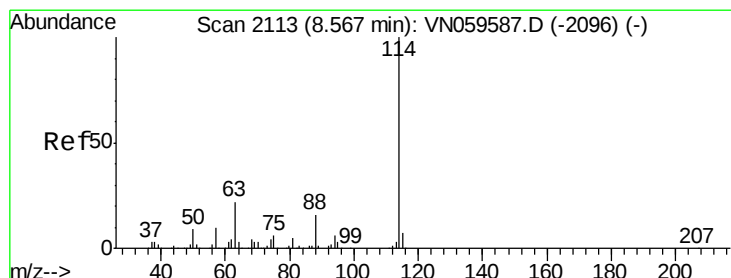
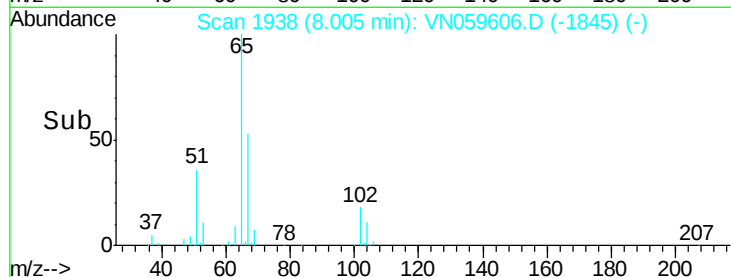
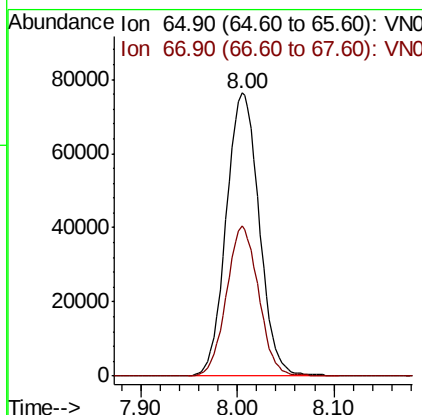
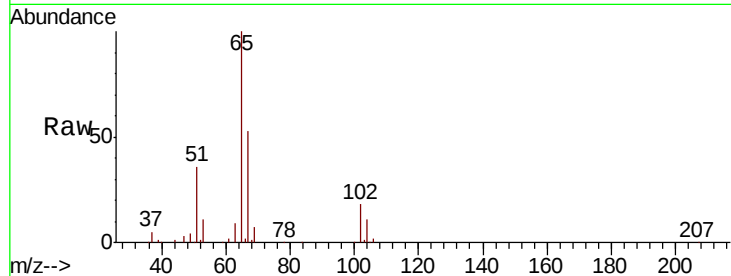




#33
 1,2-Dichloroethane-d4
 Concen: 49.174 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059606.D
 Acq: 16 Dec 2019 16:39

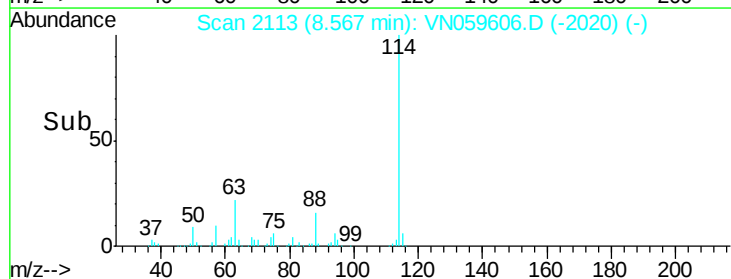
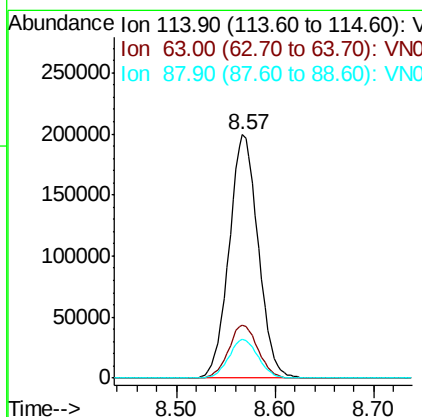
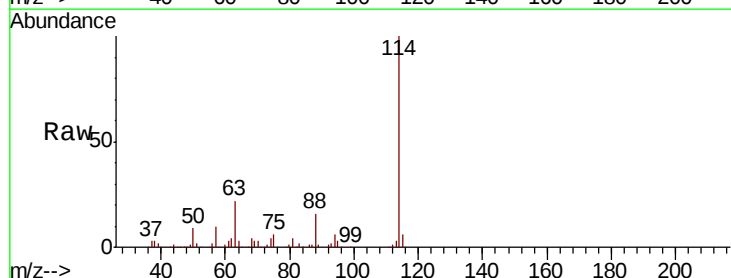
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-COMP

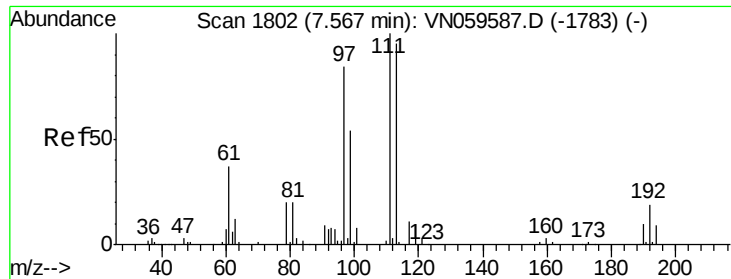
Tot Ion: 65 Resp: 180867
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059606.D
 Acq: 16 Dec 2019 16:39

Tgt Ion: 114 Resp: 409858
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.6
 88 15.7 0.0 31.4

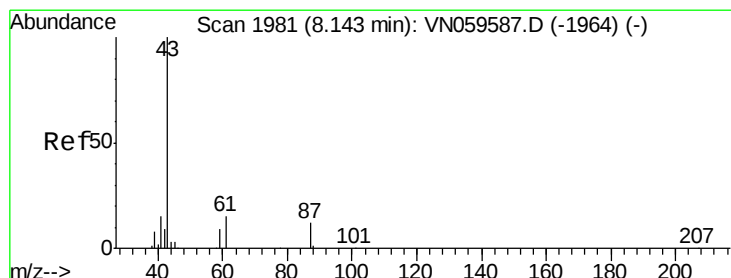
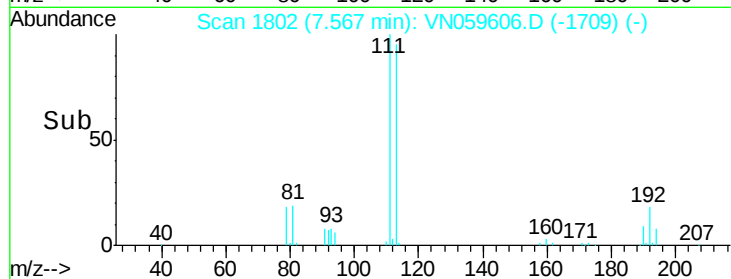
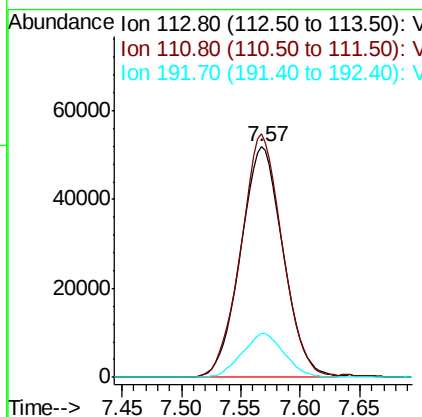
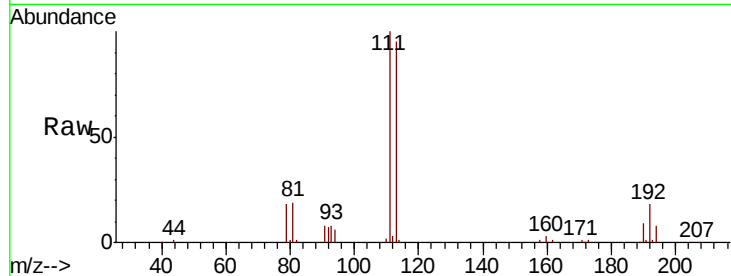




#35
 Dibromofluoromethane
 Concen: 50.133 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059606.D
 Acq: 16 Dec 2019 16:39

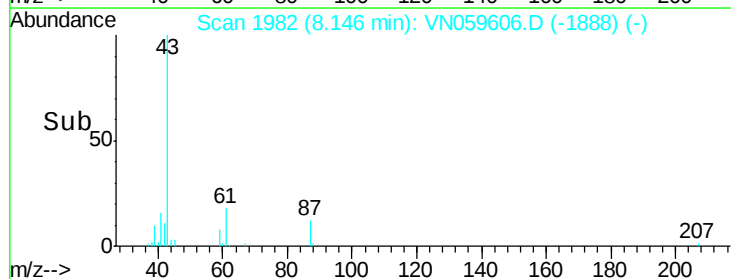
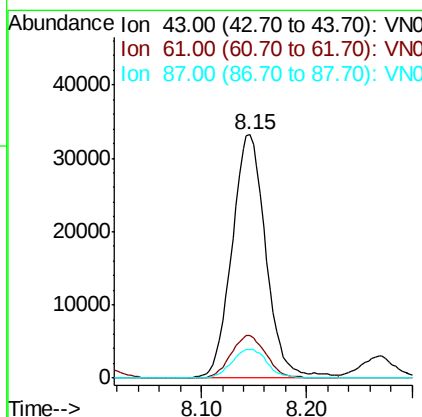
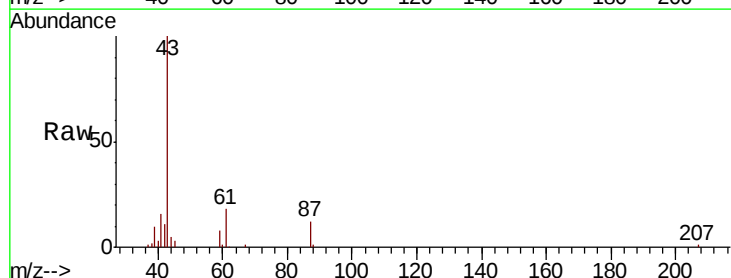
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-COMP

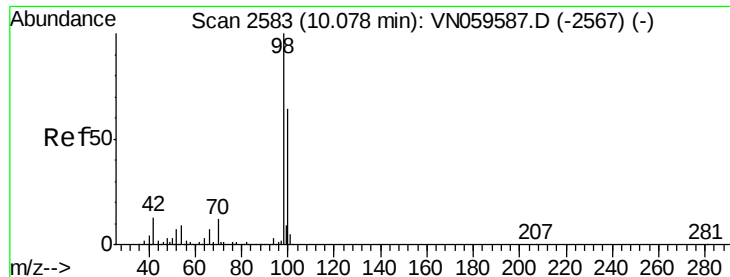
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	18.9	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 9.610 ug/l
 RT: 8.15 min Scan# 182
 Delta R.T. 0.00 min
 Lab File: VN059606.D
 Acq: 16 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	20.2	30.2#
87	12.0	9.5	14.3





#50

Toluene-d8

Concen: 49.759 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

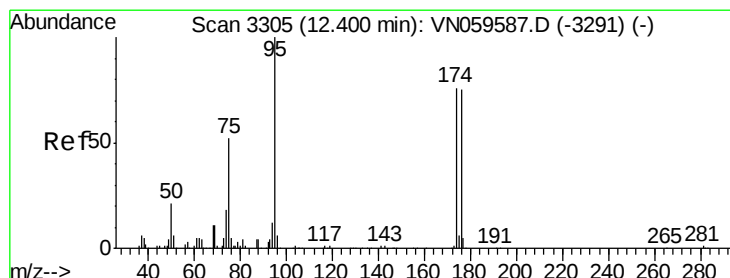
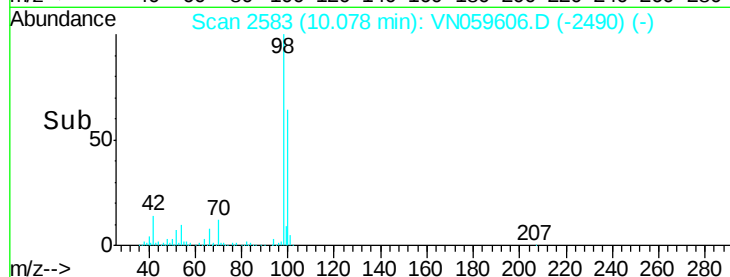
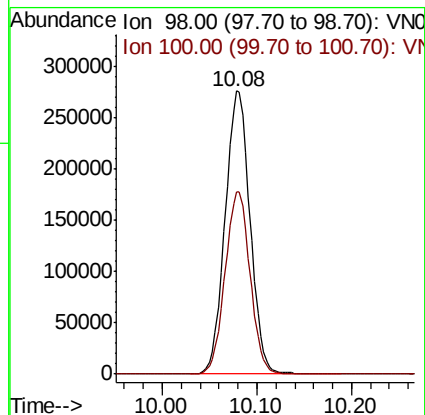
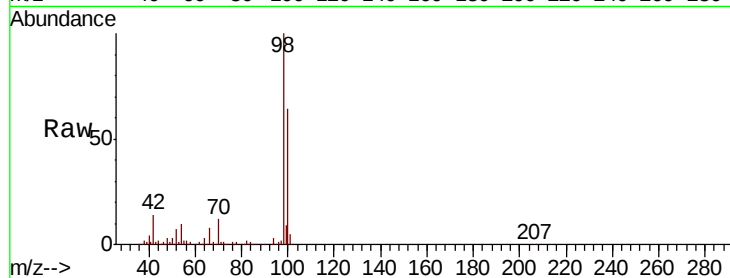
T2-COMP

Tot Ion: 98 Resp: 505205

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.094 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

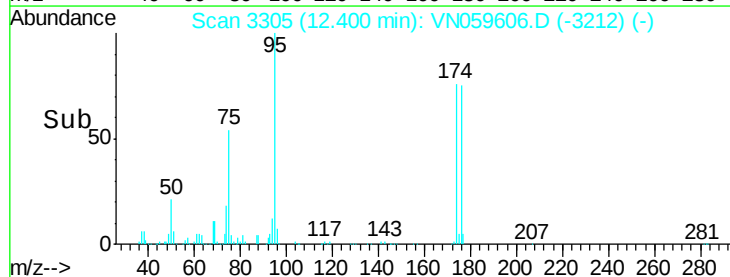
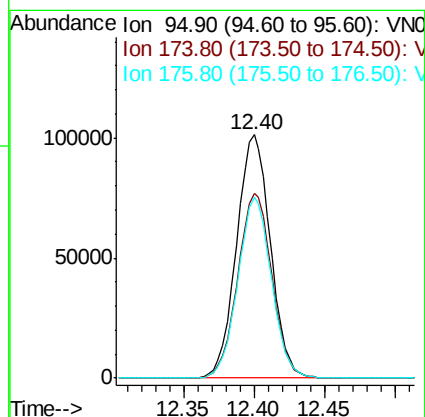
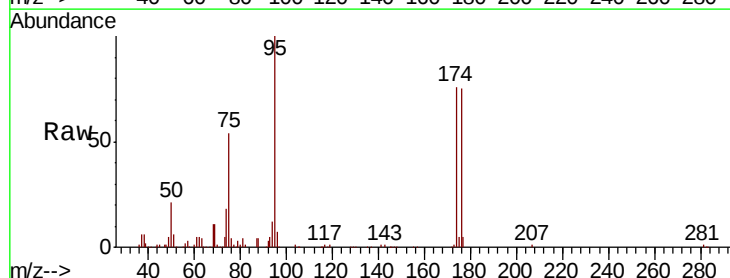
Tgt Ion: 95 Resp: 170767

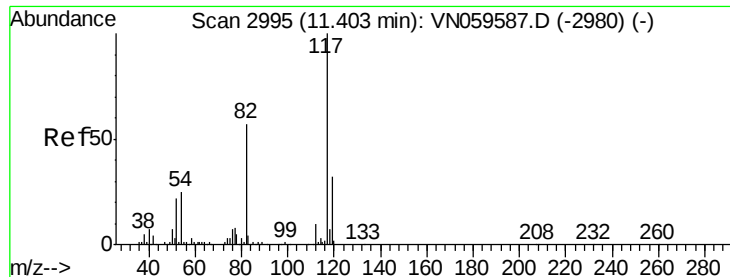
Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.4

176 73.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

Instrument :

MSVOA_N

ClientSampled :

T2-COMP

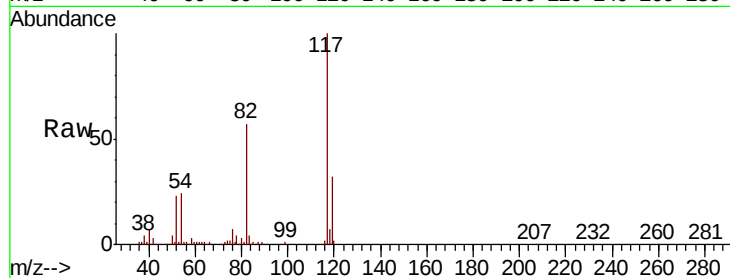
Tot Ion:117 Resp: 368414

Ion Ratio Lower Upper

117 100

82 56.9 45.9 68.9

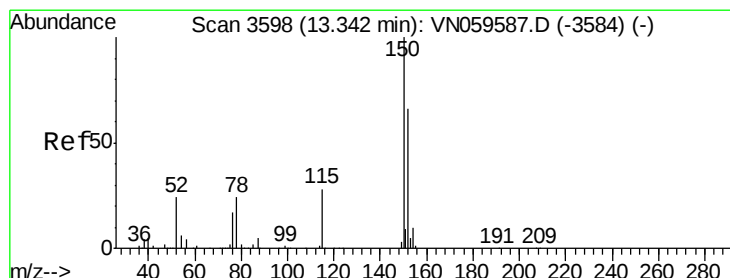
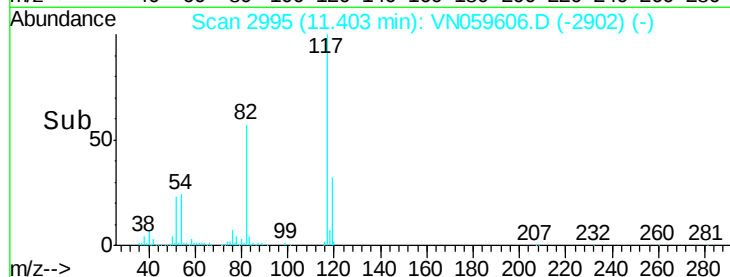
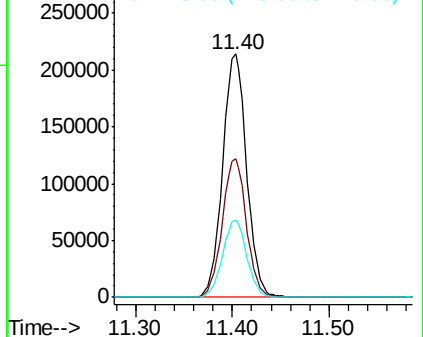
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059606.D

Acq: 16 Dec 2019 16:39

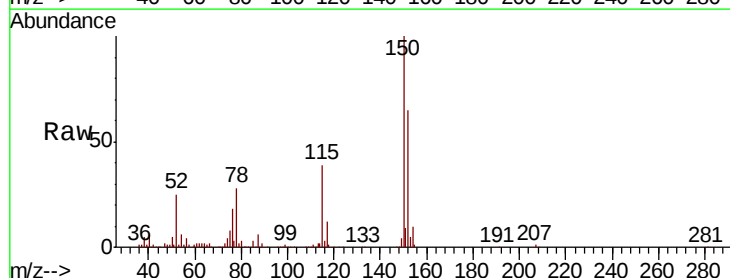
Tgt Ion:152 Resp: 148533

Ion Ratio Lower Upper

152 100

115 61.3 30.3 90.9

150 157.5 0.0 345.2



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

