

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057458.D
 Acq On : 23 Aug 2019 2:22
 Operator : JC/SP
 Sample : K4450-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-(A-C)

Quant Time: Aug 23 05:56:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

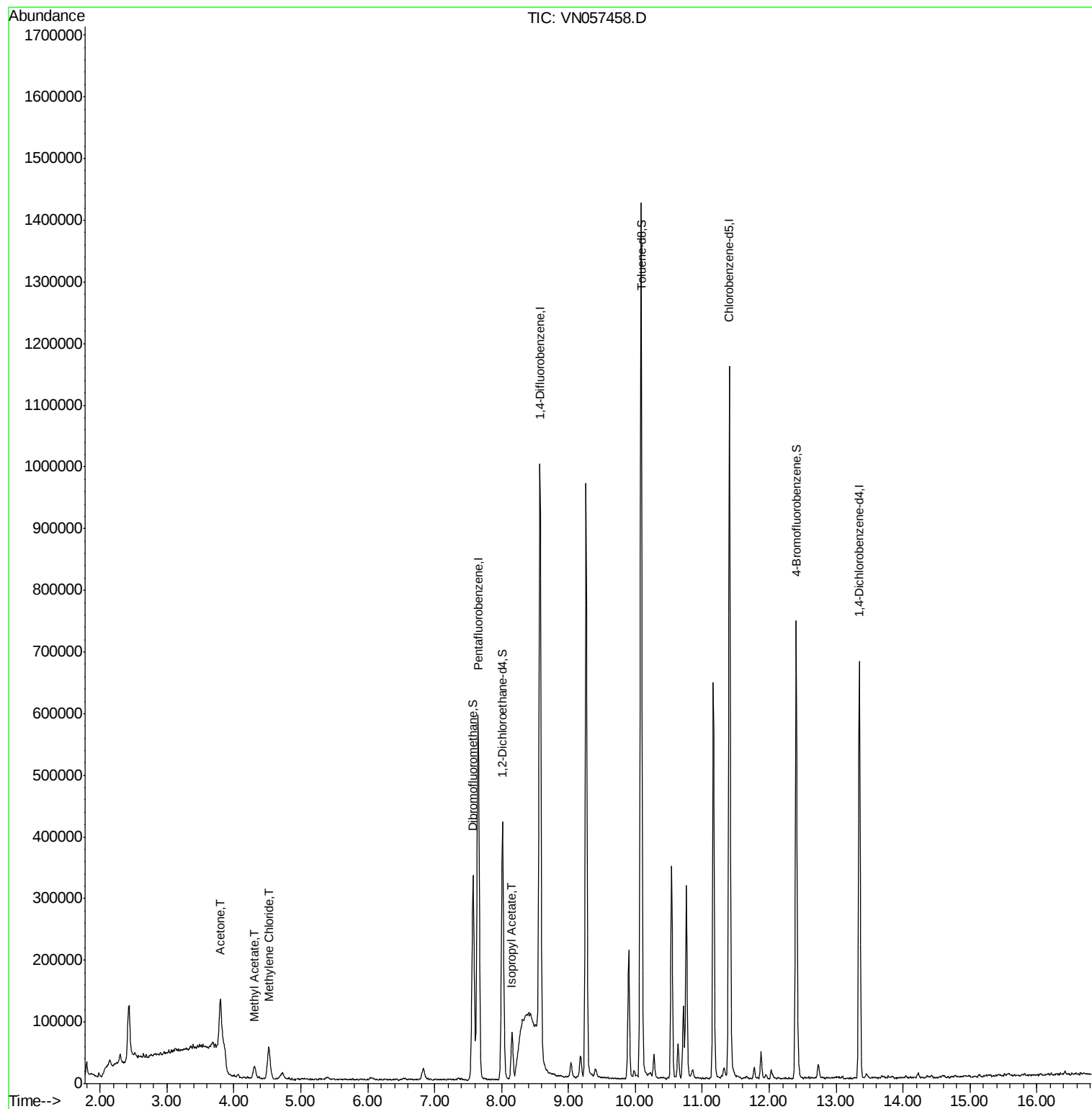
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	429602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	754614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	614169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	166833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	354980	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
35) Dibromofluoromethane	7.57	113	241219	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	939637	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.40	95	267649	40.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.96%	
Target Compounds						
16) Acetone	3.80	43	118978	34.282	ug/l	94
18) Methyl Acetate	4.31	43	36322	3.971	ug/l	96
20) Methylene Chloride	4.52	84	34924	6.722	ug/l	89
43) Isopropyl Acetate	8.16	43	95319	6.823	ug/l	100

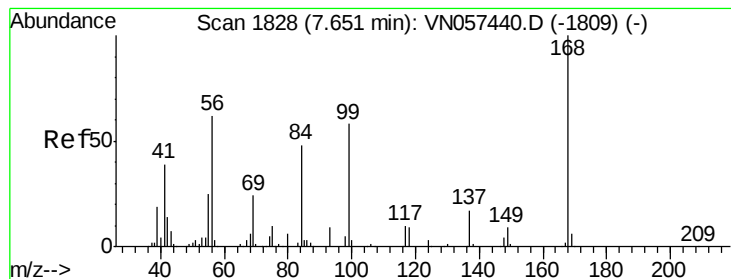
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

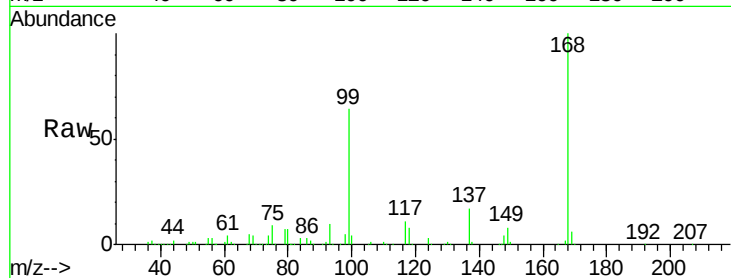
WC-(A-C)

Tot Ion:168 Resp: 429602

Ion Ratio Lower Upper

168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

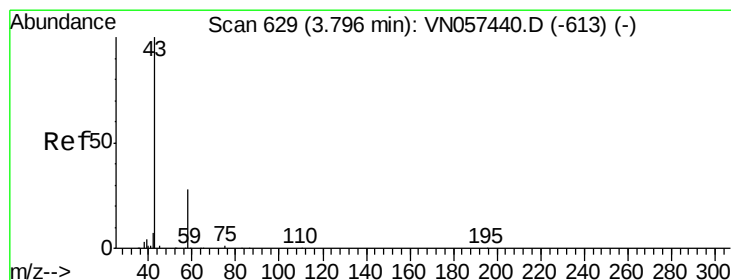
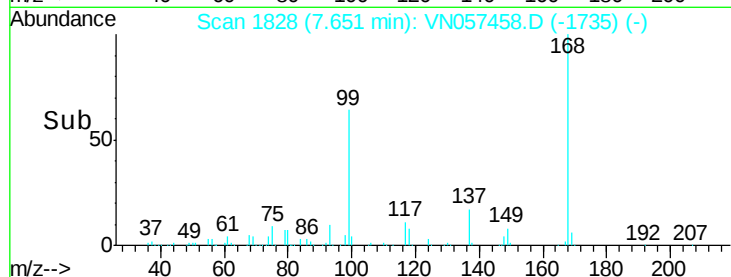
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 34.282 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057458.D

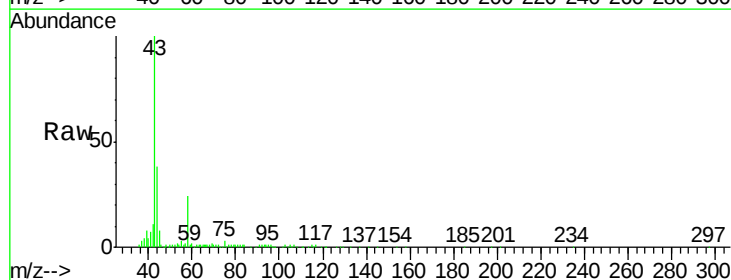
Acq: 23 Aug 2019 2:22

Tgt Ion: 43 Resp: 118978

Ion Ratio Lower Upper

43 100

58 24.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

60000

50000

40000

30000

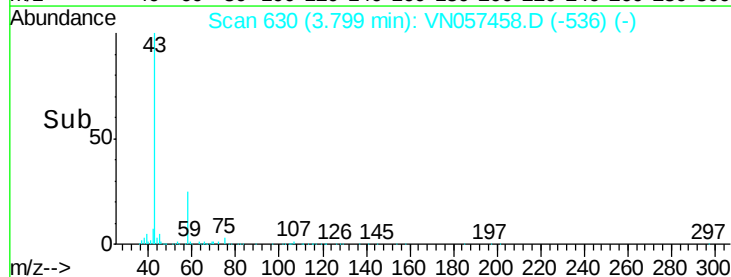
20000

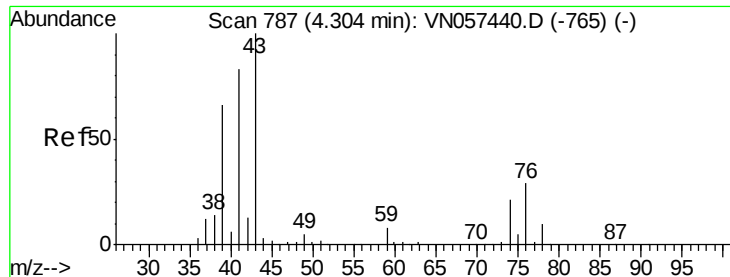
10000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#18

Methyl Acetate

Concen: 3.971 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

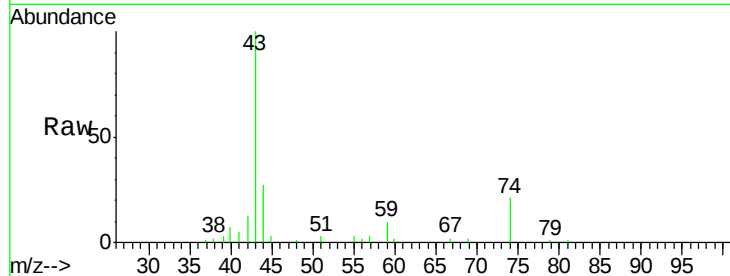
WC-(A-C)

Tot Ion: 43 Resp: 36322

Ion Ratio Lower Upper

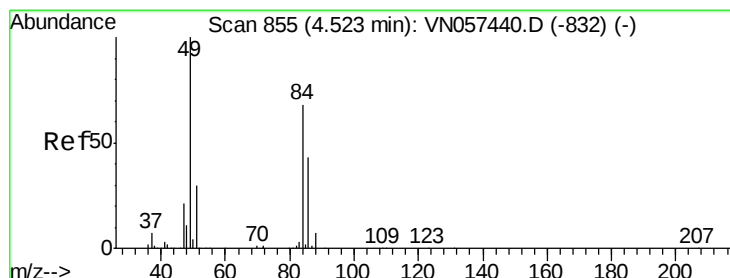
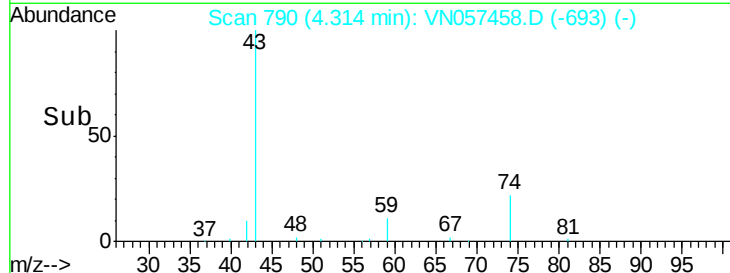
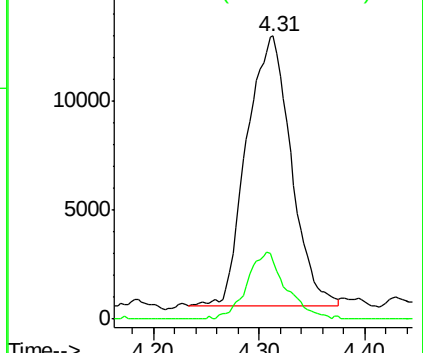
43 100

74 21.9 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 6.722 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Tgt Ion: 84 Resp: 34924

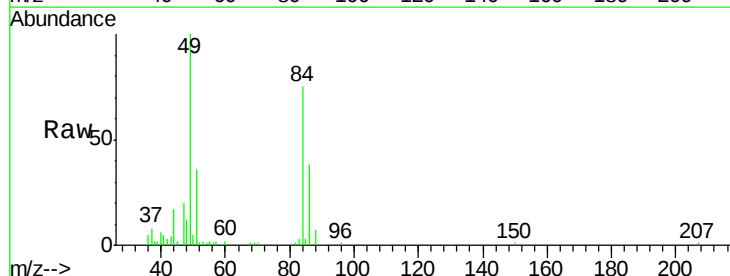
Ion Ratio Lower Upper

84 100

49 132.8 117.0 175.4

51 47.3 35.5 53.3

86 50.7 49.8 74.8

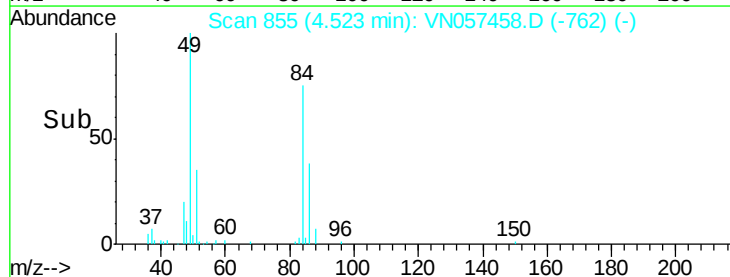
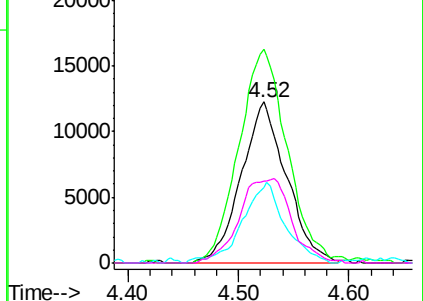


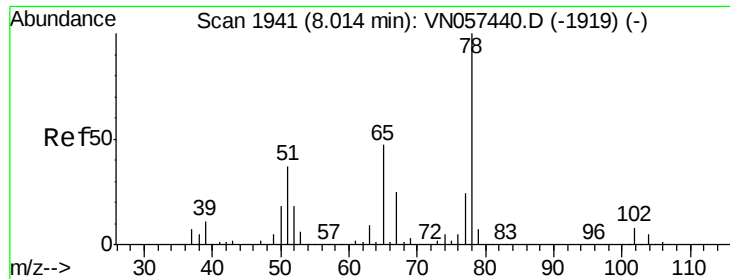
Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.972 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampleId :

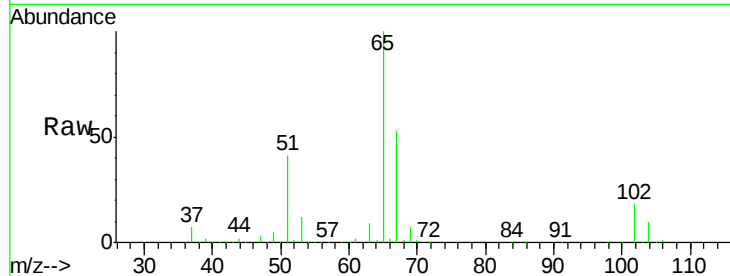
WC-(A-C)

Tot Ion: 65 Resp: 354980

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057440.D (-1919) (-)

Ion 66.90 (66.60 to 67.60): VN057440.D (-1919) (-)

8.01

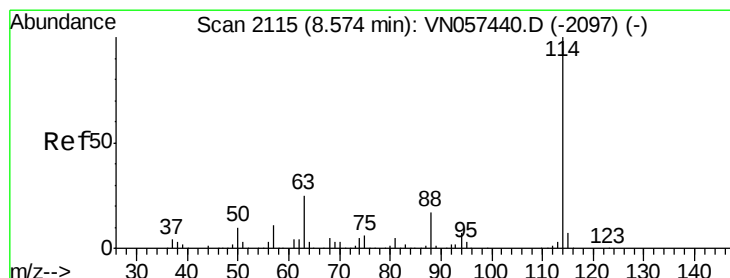
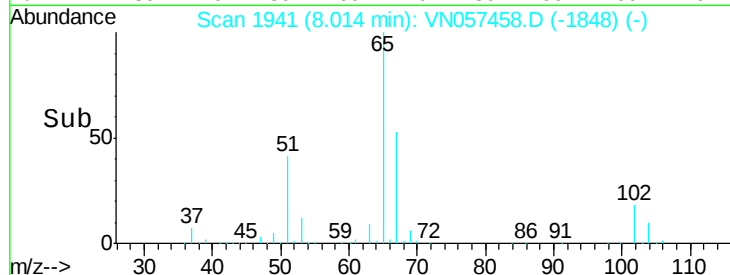
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

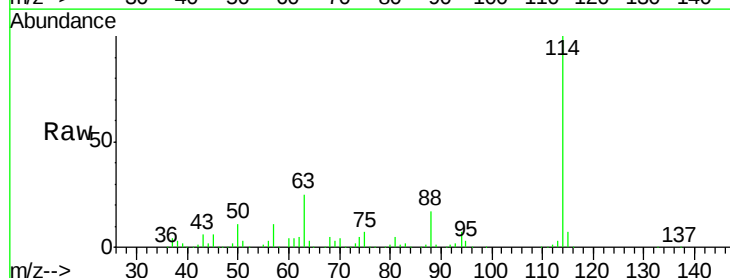
Tgt Ion: 114 Resp: 754614

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

88 16.9 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): VN057440.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057440.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057440.D (-2097) (-)

8.57

500000

400000

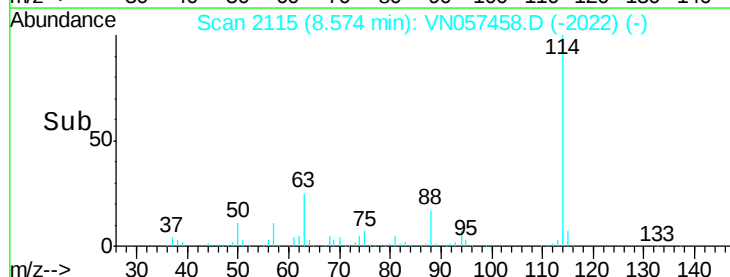
300000

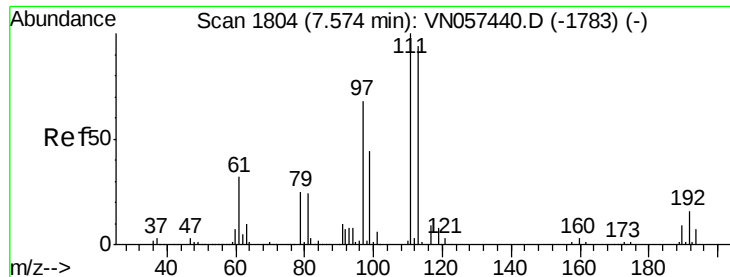
200000

100000

0

Time-->

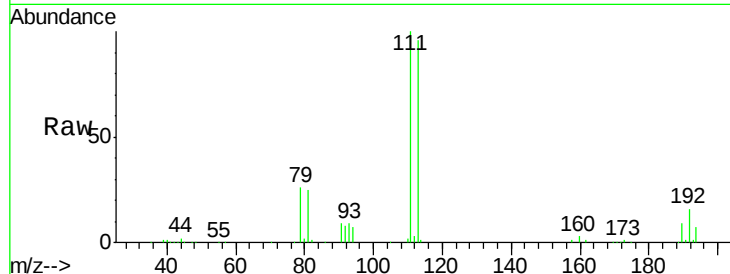




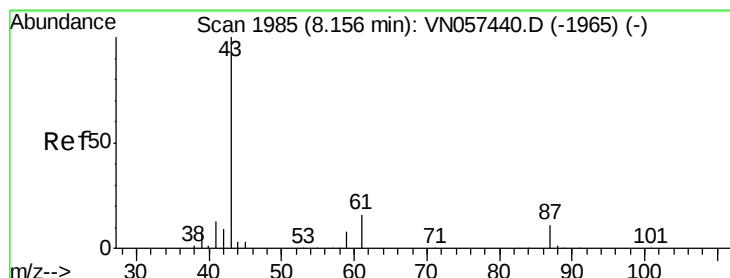
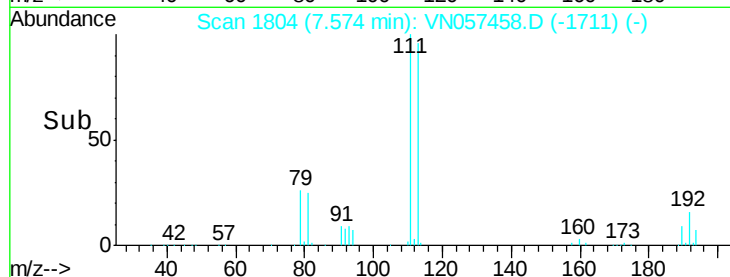
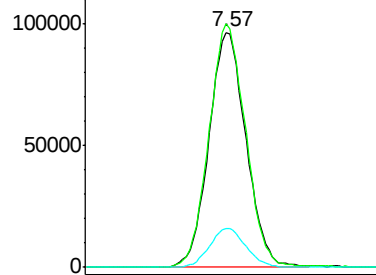
#35
Dibromofluoromethane
Concen: 47.325 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Instrument :
MSVOA_N
ClientSampleId :
WC-(A-C)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	16.1	13.5	20.3

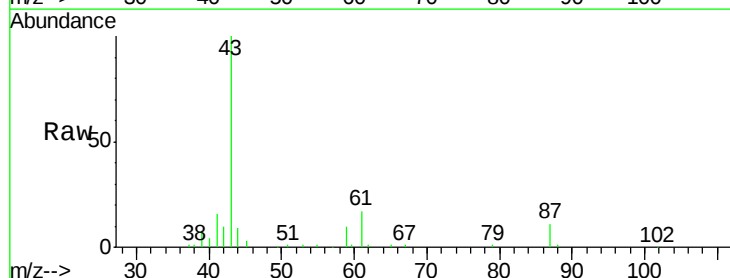


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

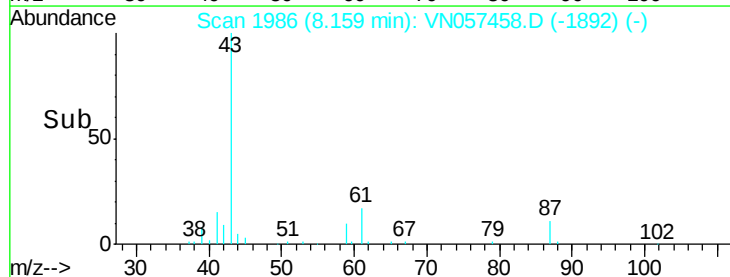
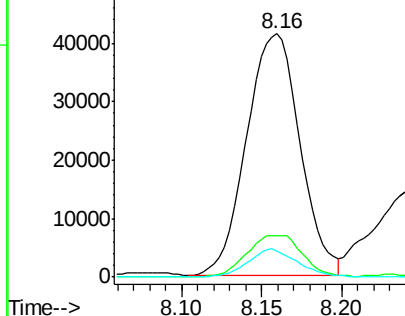


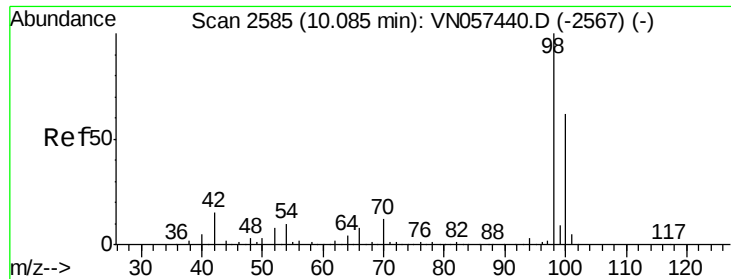
#43
Isopropyl Acetate
Concen: 6.823 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.5	21.7
87	10.8	8.6	12.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.754 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

Instrument :

MSVOA_N

ClientSampled :

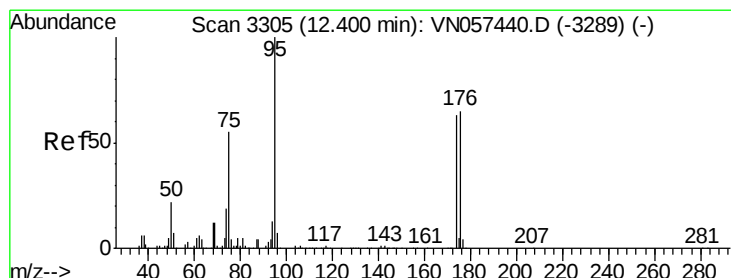
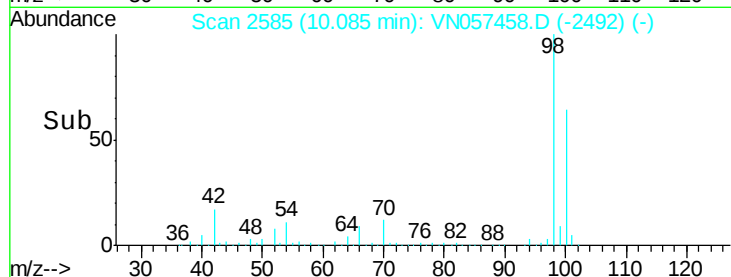
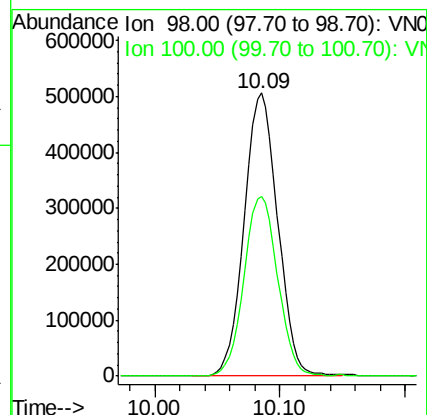
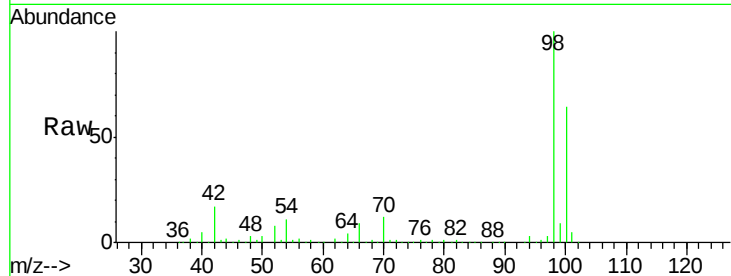
WC-(A-C)

Tot Ion: 98 Resp: 939637

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 40.979 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057458.D

Acq: 23 Aug 2019 2:22

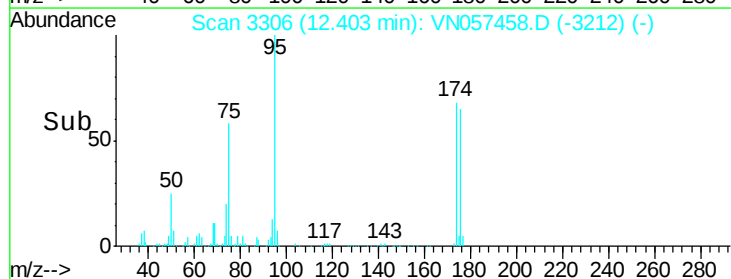
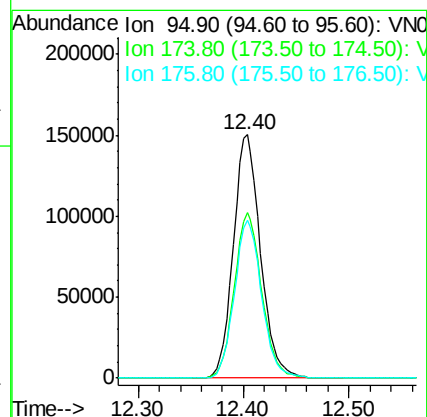
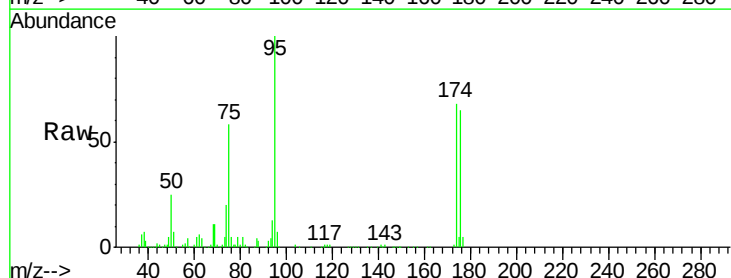
Tgt Ion: 95 Resp: 267649

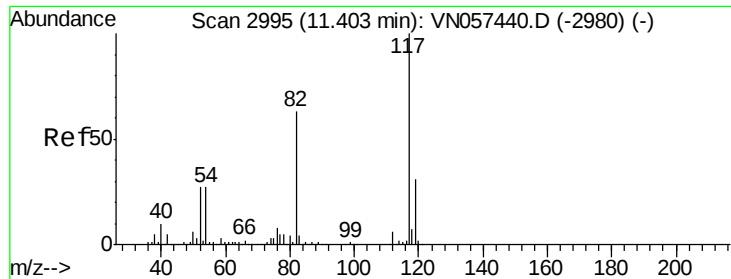
Ion Ratio Lower Upper

95 100

174 68.7 0.0 133.0

176 65.0 0.0 130.8

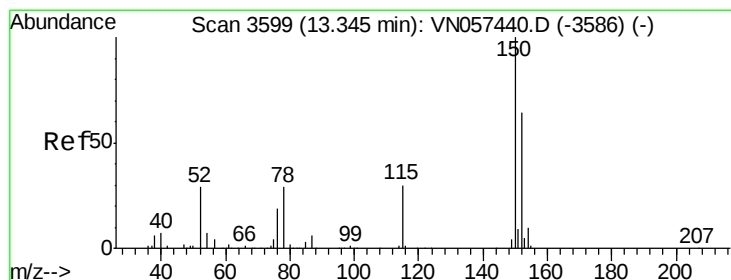
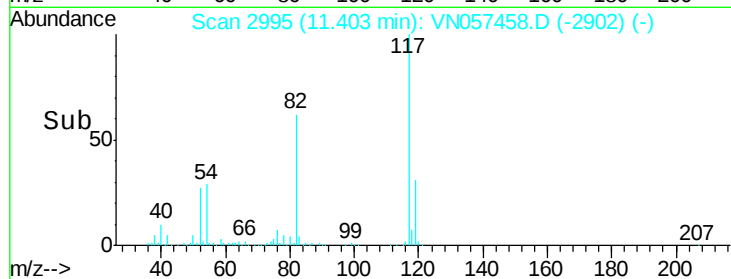
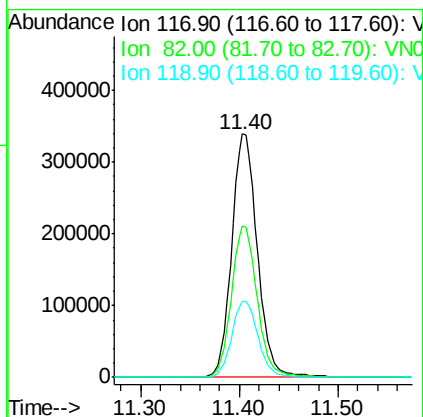
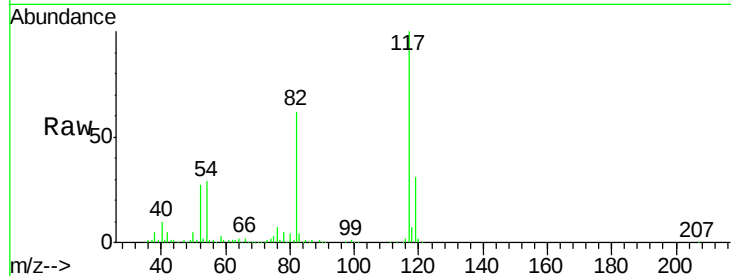




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Instrument :
MSVOA_N
ClientSampleId :
WC-(A-C)

Tot Ion:117 Resp: 614169
Ion Ratio Lower Upper
117 100
82 62.0 50.6 75.8
119 31.1 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057458.D
Acq: 23 Aug 2019 2:22

Tgt Ion:152 Resp: 166833
Ion Ratio Lower Upper
152 100
115 64.1 32.0 96.0
150 156.7 0.0 346.6

