

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082219\
 Data File : VN057454.D
 Acq On : 23 Aug 2019 00:40
 Operator : JC/SP
 Sample : K4403-38
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-K1-(0)

Quant Time: Aug 23 05:47:13 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

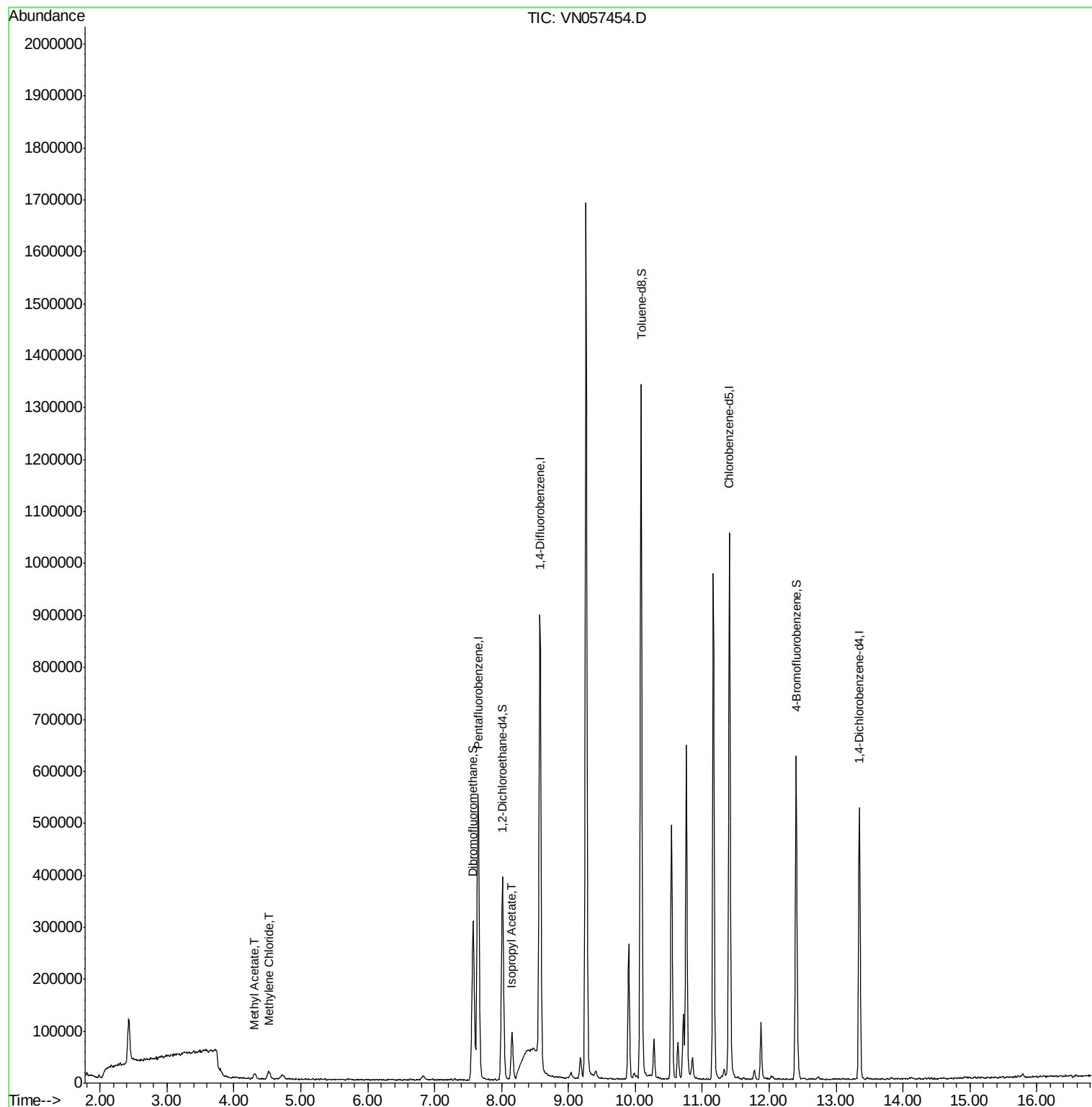
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	403761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	700068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	559390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	130820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330081	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	7.58	113	224203	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.08	98	889644	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	228376	37.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.38%	
Target Compounds						
18) Methyl Acetate	4.31	43	19196	1.808	ug/l #	81
20) Methylene Chloride	4.52	84	9694	1.933	ug/l #	93
43) Isopropyl Acetate	8.15	43	110921	8.558	ug/l	100

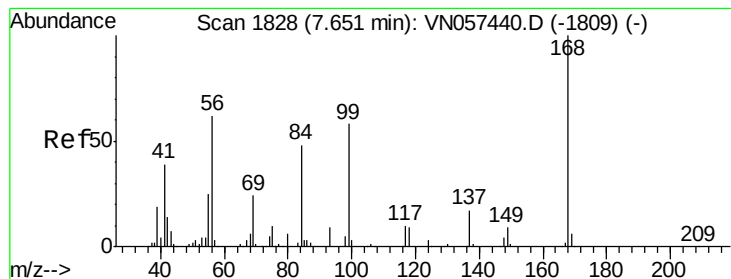
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057454.D

Acq: 23 Aug 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

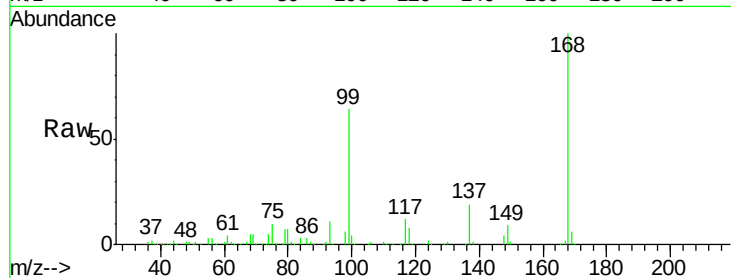
T1-K1-(0)

Tot Ion:168 Resp: 403761

Ion Ratio Lower Upper

168 100

99 63.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

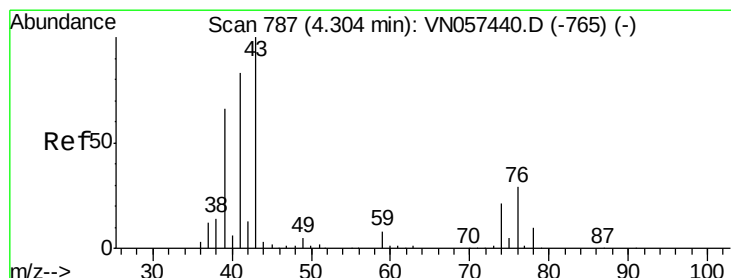
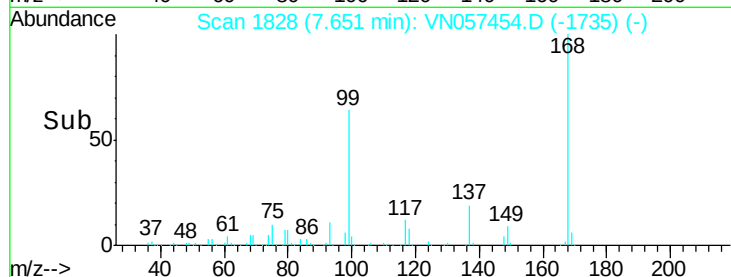
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.808 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN057454.D

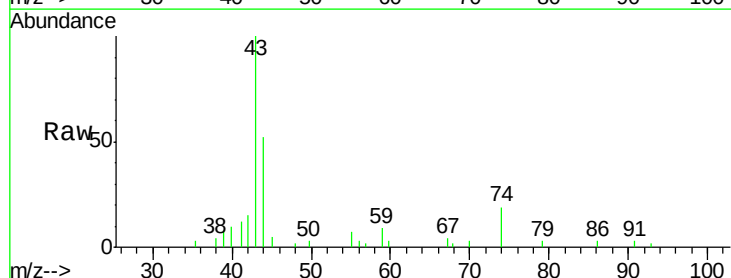
Acq: 23 Aug 2019 00:40

Tgt Ion: 43 Resp: 19196

Ion Ratio Lower Upper

43 100

74 11.2 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.31

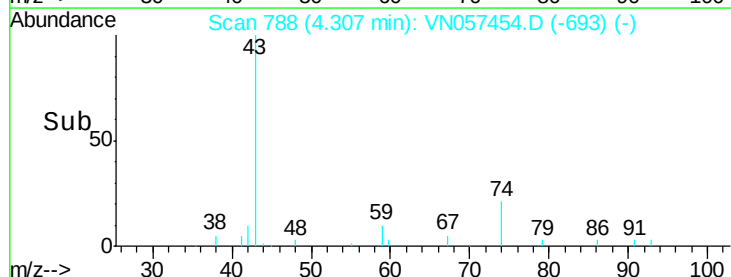
6000

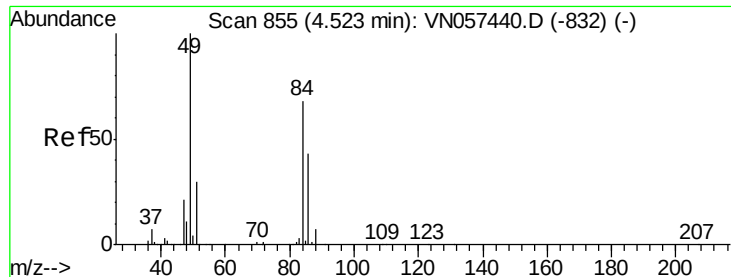
4000

2000

0

Time-->

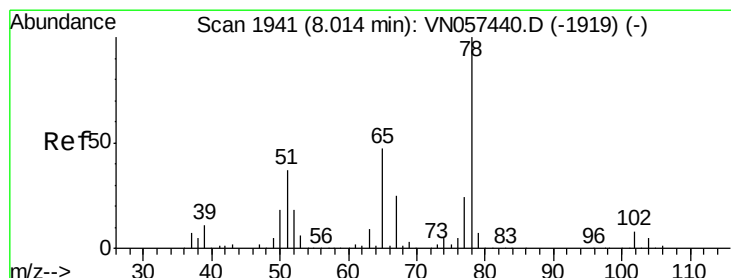
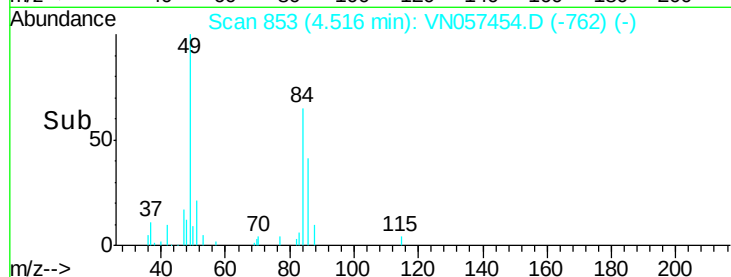
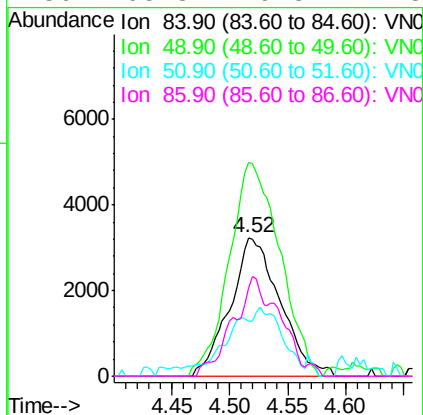
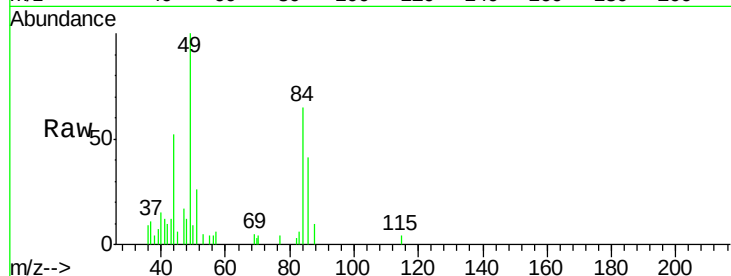




#20
Methylene Chloride
Concen: 1.933 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057454.D
Acq: 23 Aug 2019 00:40

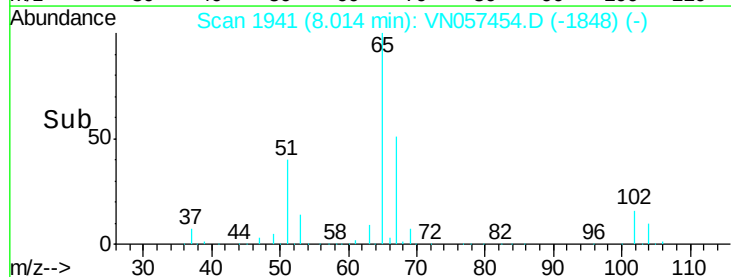
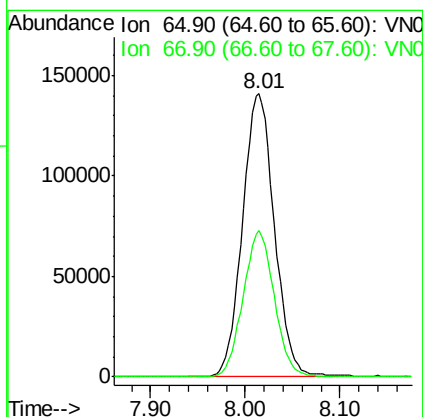
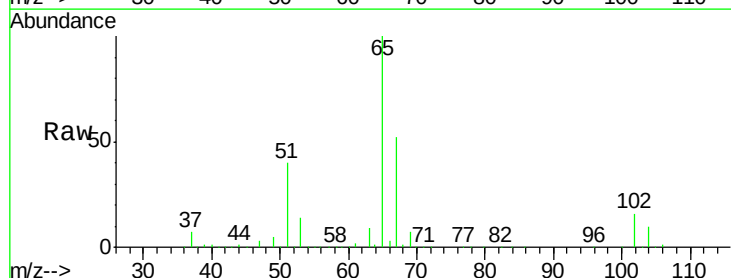
Instrument :
MSVOA_N
ClientSampleId :
T1-K1-(0)

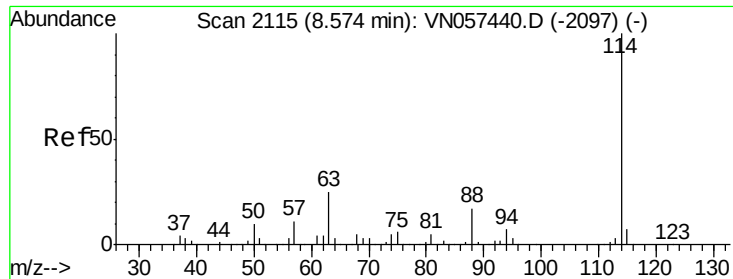
Tot Ion: 84 Resp: 9694
Ion Ratio Lower Upper
84 100
49 154.0 117.0 175.4
51 32.9 35.5 53.3#
86 63.8 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 46.473 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057454.D
Acq: 23 Aug 2019 00:40

Tgt Ion: 65 Resp: 330081
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8

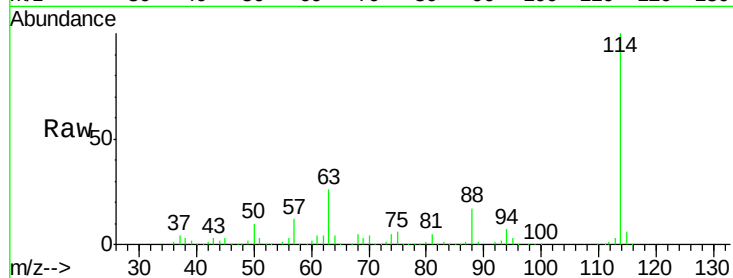




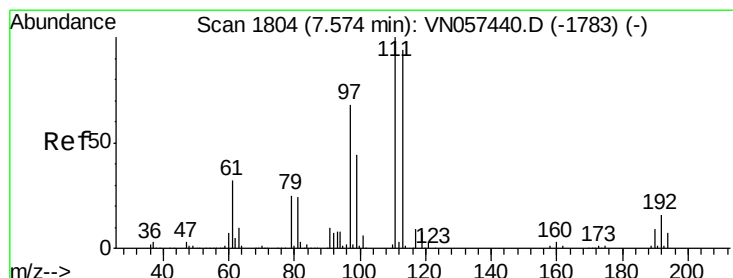
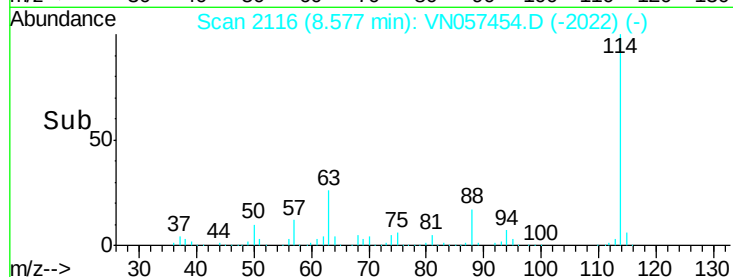
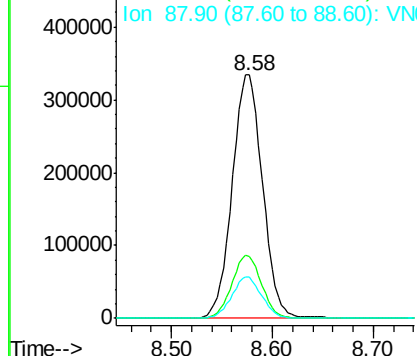
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057454.D
 Acq: 23 Aug 2019 00:40

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-K1-(0)

Tot Ion:114 Resp: 700068
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 50.2
 88 16.8 0.0 34.6

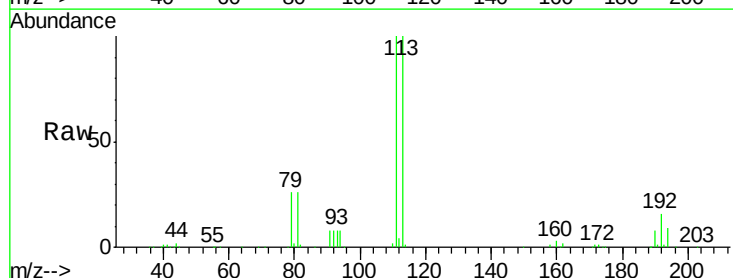


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

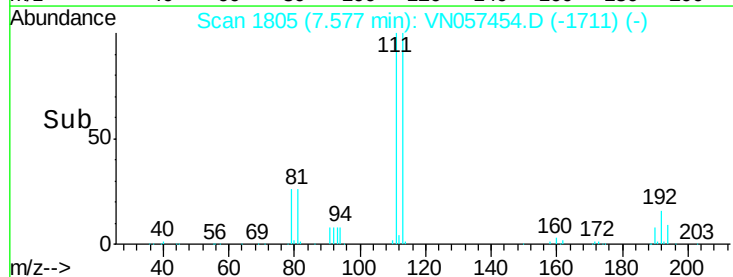
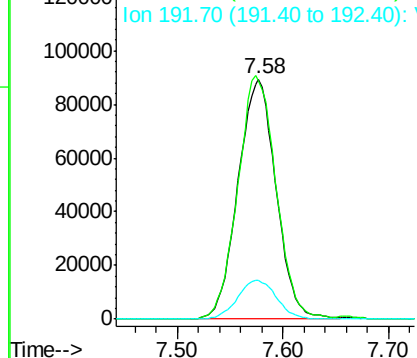


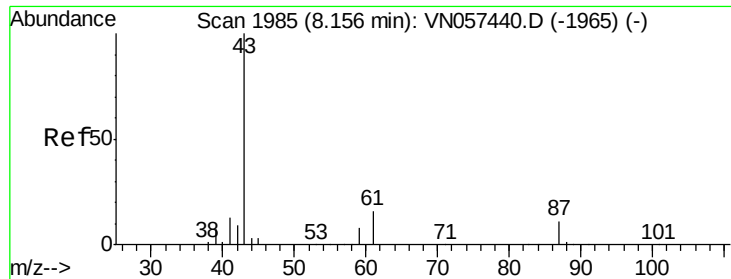
#35
 Dibromofluoromethane
 Concen: 47.414 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057454.D
 Acq: 23 Aug 2019 00:40

Tgt Ion:113 Resp: 224203
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.8 125.6
 192 16.7 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

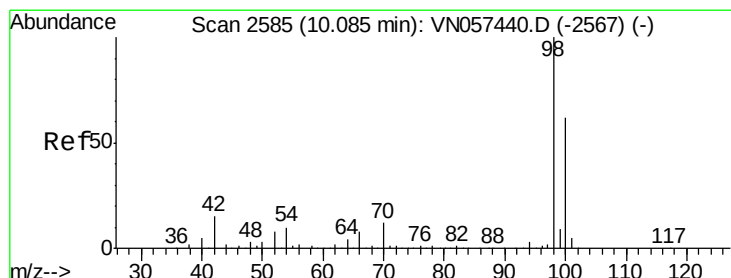
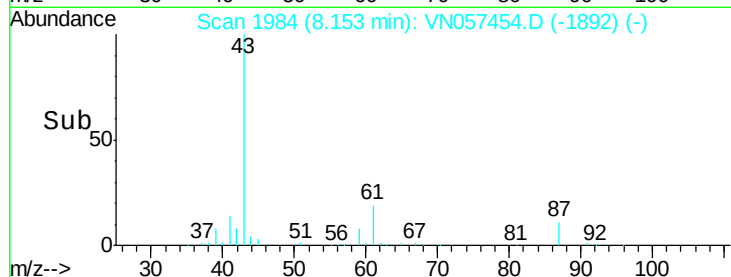
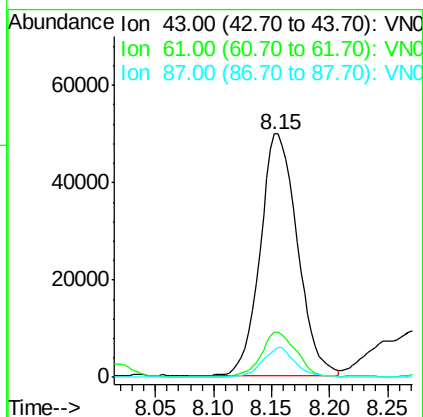
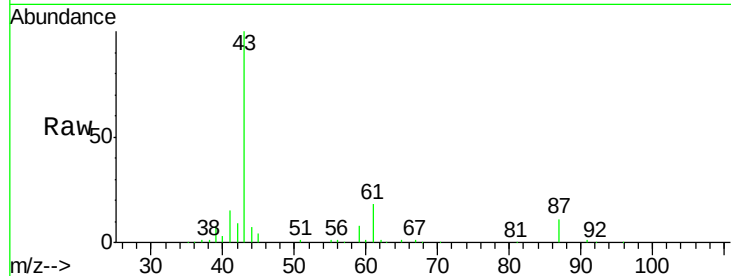




#43
Isopropyl Acetate
Concen: 8.558 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VN057454.D
Acq: 23 Aug 2019 00:40

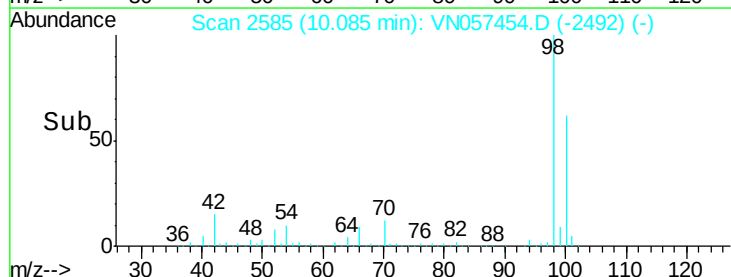
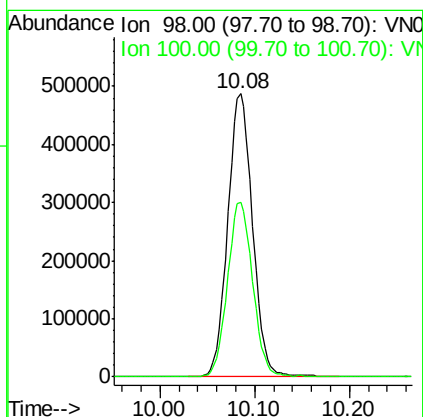
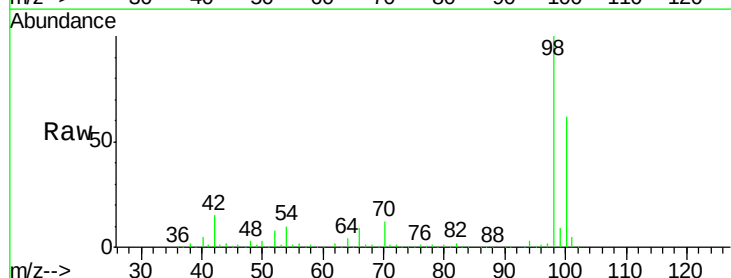
Instrument :
MSVOA_N
ClientSampleId :
T1-K1-(0)

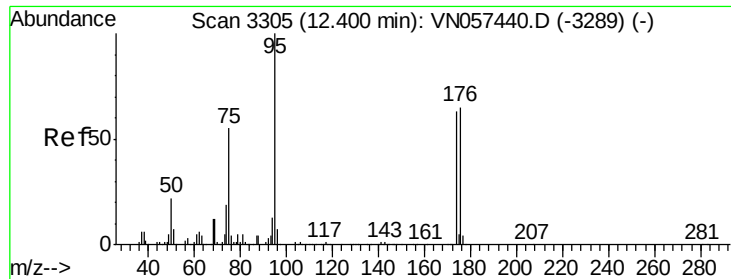
Tot Ion: 43 Resp: 110921
Ion Ratio Lower Upper
43 100
61 18.0 14.5 21.7
87 10.9 8.6 12.8



#50
Toluene-d8
Concen: 49.756 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057454.D
Acq: 23 Aug 2019 00:40

Tgt Ion: 98 Resp: 889644
Ion Ratio Lower Upper
98 100
100 62.3 50.4 75.6





#62

4-Bromofluorobenzene

Concen: 37.690 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057454.D

Acq: 23 Aug 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

T1-K1-(0)

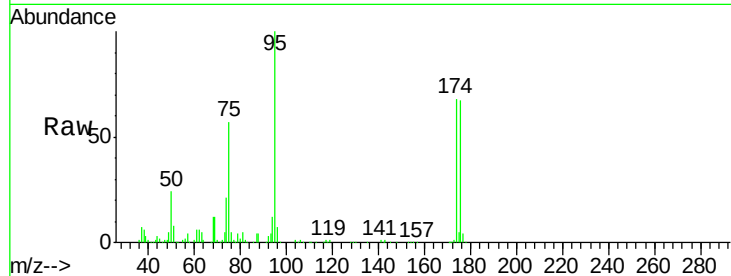
Tot Ion: 95 Resp: 228376

Ion Ratio Lower Upper

95 100

174 68.8 0.0 133.0

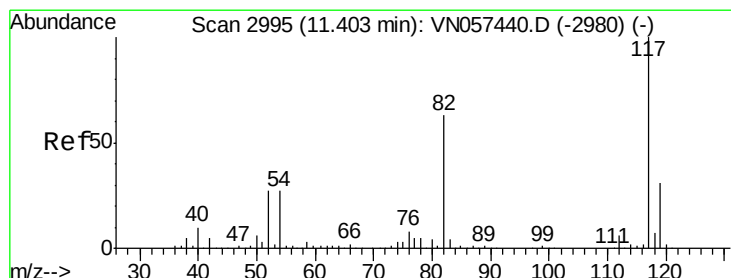
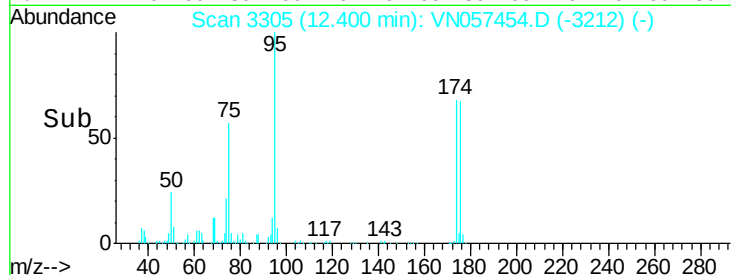
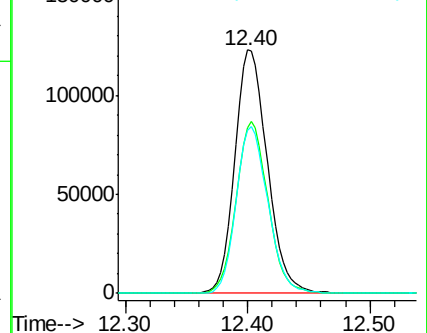
176 66.8 0.0 130.8



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: VN057454.D

Acq: 23 Aug 2019 00:40

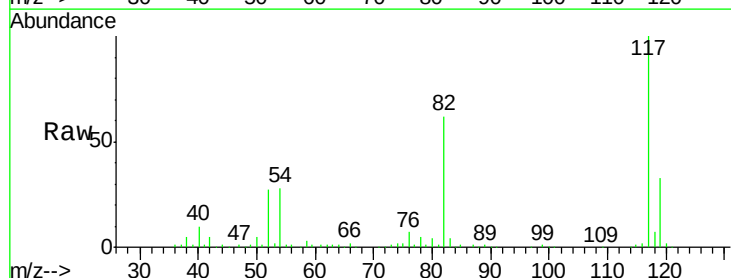
Tgt Ion: 117 Resp: 559390

Ion Ratio Lower Upper

117 100

82 61.6 50.6 75.8

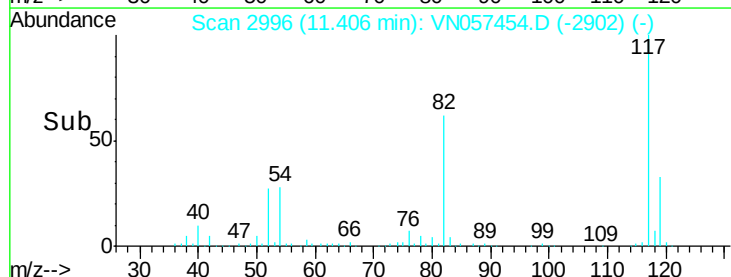
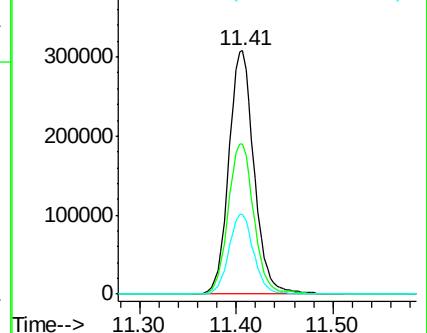
119 32.7 24.6 36.8

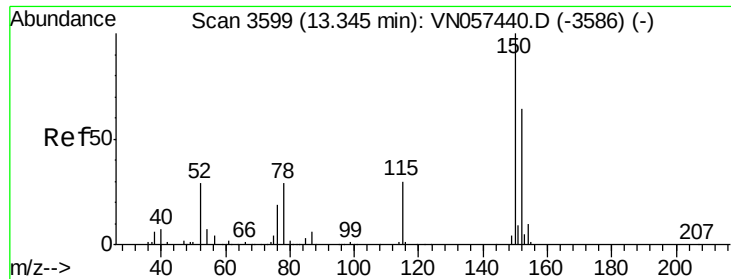


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057454.D

Acq: 23 Aug 2019 00:40

Instrument :

MSVOA_N

ClientSampleId :

T1-K1-(0)

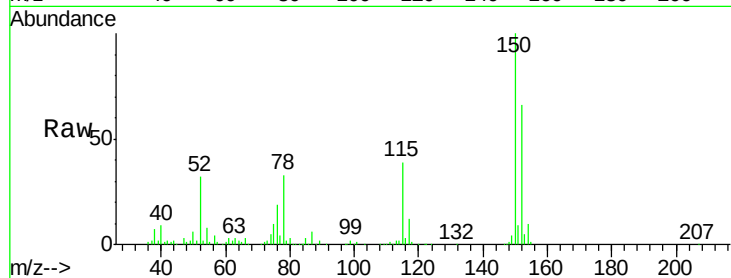
Tot Ion:152 Resp: 130820

Ion Ratio Lower Upper

152 100

115 60.6 32.0 96.0

150 154.7 0.0 346.6



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

