

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080519\
 Data File : VN057084.D
 Acq On : 5 Aug 2019 16:01
 Operator : JC/SP
 Sample : K4135-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1S-A1-(30)

Quant Time: Aug 06 02:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

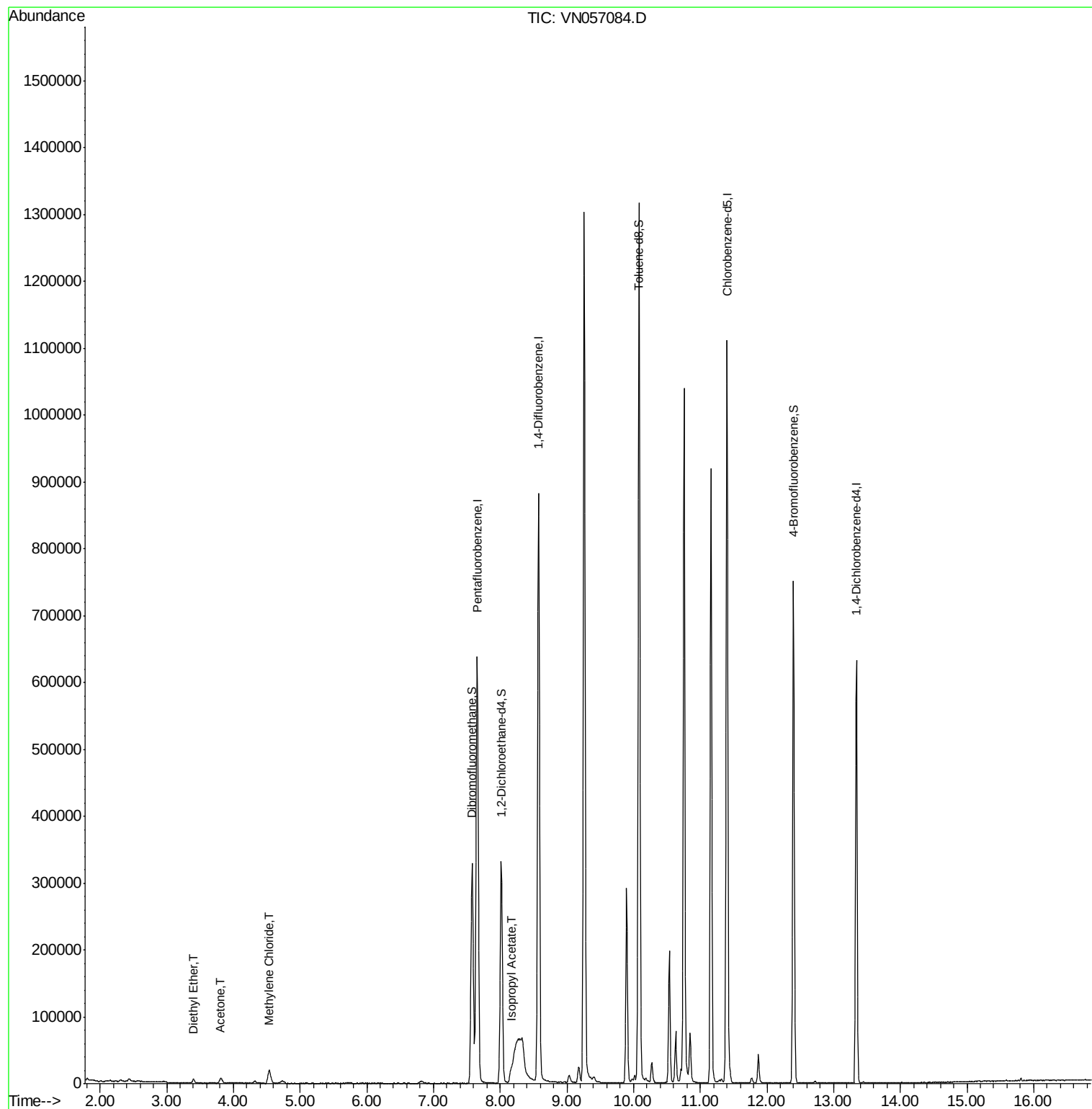
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	570062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	833263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	697066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	284201	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
35) Dibromofluoromethane	7.58	113	256278	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.08	98	970523	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	263174	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
Target Compounds						
8) Diethyl Ether	3.40	74	3442	1.086	ug/l	95
16) Acetone	3.81	43	14368	6.796	ug/l	99
20) Methylene Chloride	4.54	84	16010	2.629	ug/l	94
43) Isopropyl Acetate	8.17	43	23625	2.434	ug/l #	88

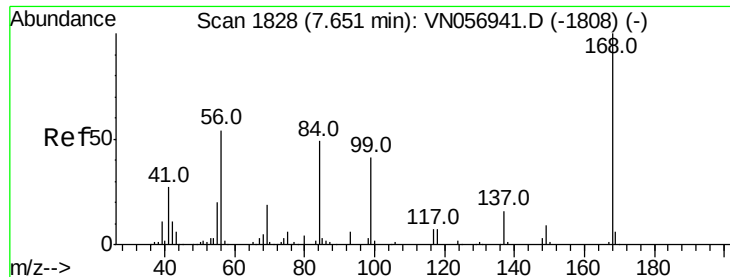
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080519\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

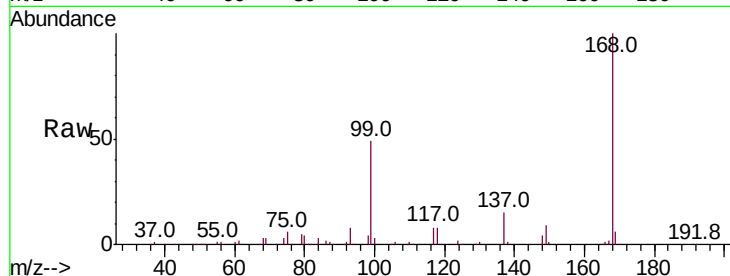
1S-A1-(30)

Tot Ion:168 Resp: 570062

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.66

250000

200000

150000

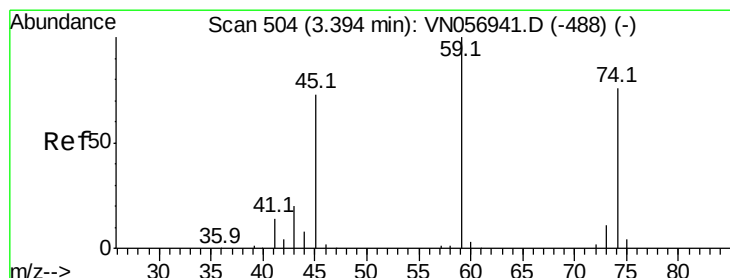
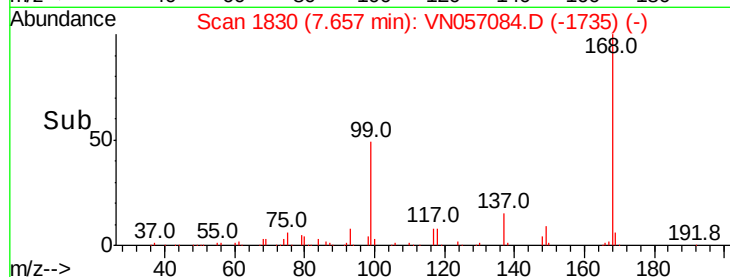
100000

50000

0

7.60 7.70 7.80

Time-->



#8

Diethyl Ether

Concen: 1.086 ug/l

RT: 3.40 min Scan# 505

Delta R.T. 0.00 min

Lab File: VN057084.D

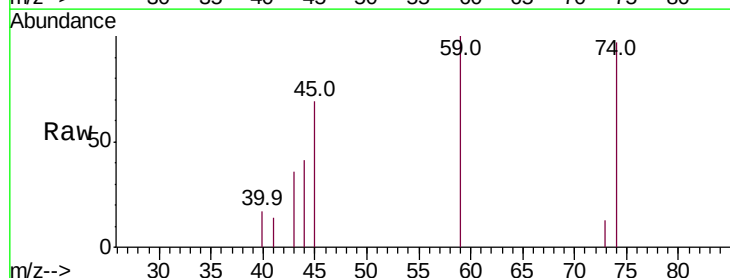
Acq: 5 Aug 2019 16:01

Tgt Ion: 74 Resp: 3442

Ion Ratio Lower Upper

74 100

45 91.3 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VN056941.D (-488) (-)

Ion 45.00 (44.70 to 45.70): VN056941.D (-488) (-)

3.40

2000

1500

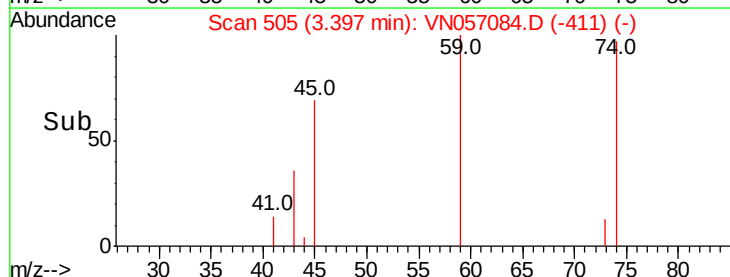
1000

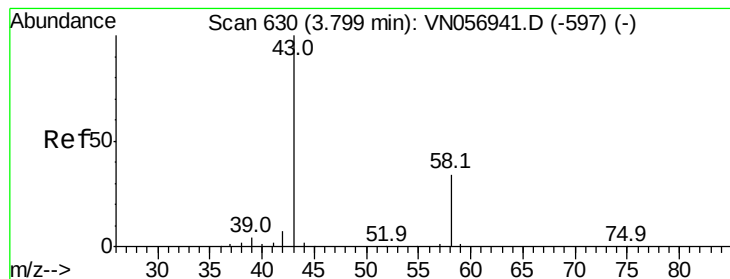
500

0

3.35 3.40 3.45

Time-->





#16

Acetone

Concen: 6.796 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

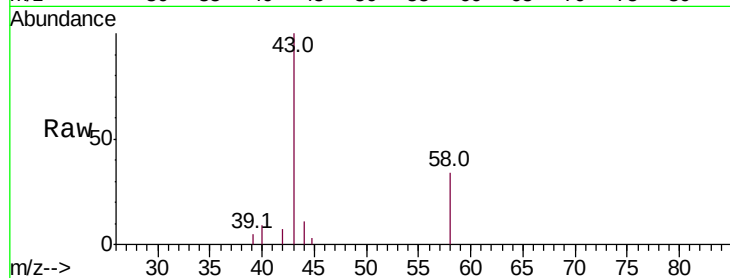
1S-A1-(30)

Tot Ion: 43 Resp: 14368

Ion Ratio Lower Upper

43 100

58 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

6000

5000

4000

3000

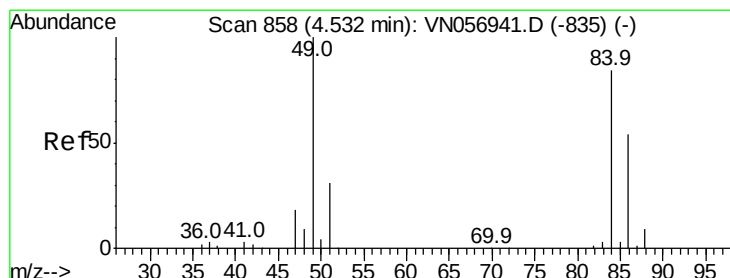
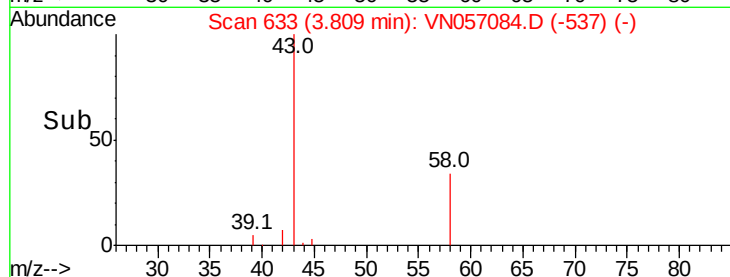
2000

1000

0

Time-->

3.75 3.80 3.85 3.90



#20

Methylene Chloride

Concen: 2.629 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

Tgt Ion: 84 Resp: 16010

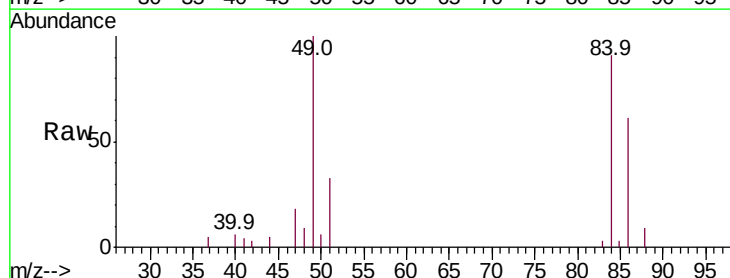
Ion Ratio Lower Upper

84 100

49 110.2 95.2 142.8

51 36.6 29.7 44.5

86 67.2 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

6000

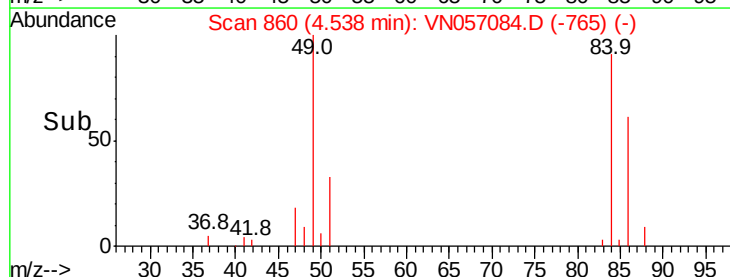
4000

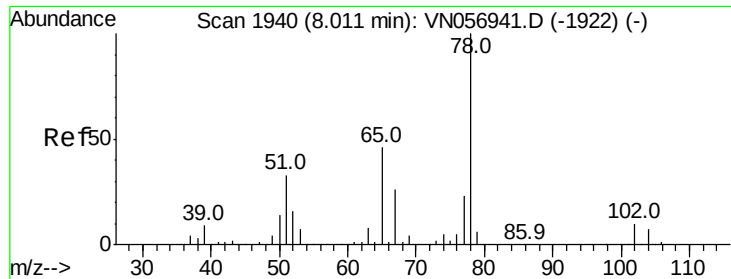
2000

0

Time-->

4.45 4.50 4.55 4.60 4.65

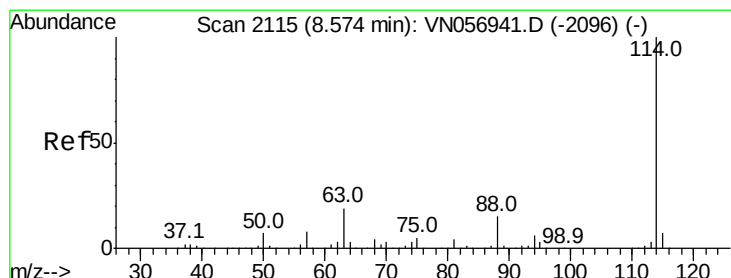
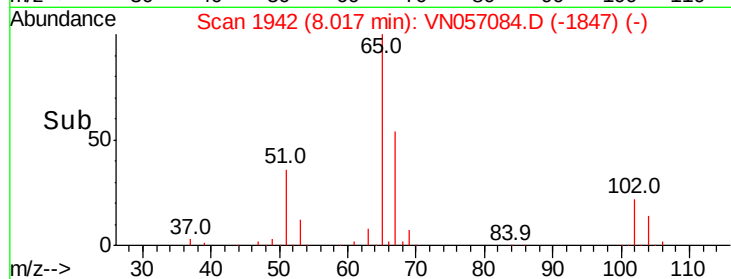
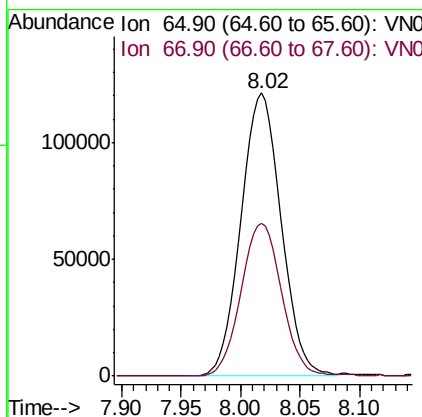
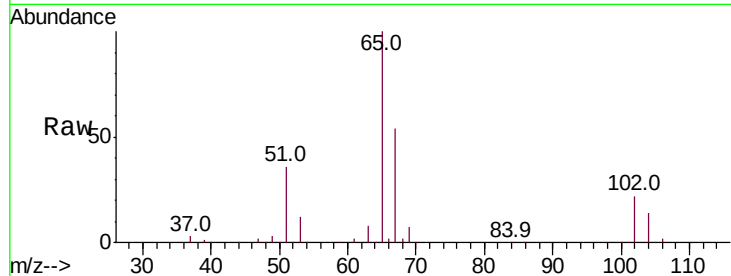




#33
 1,2-Dichloroethane-d4
 Concen: 48.703 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057084.D
 Acq: 5 Aug 2019 16:01

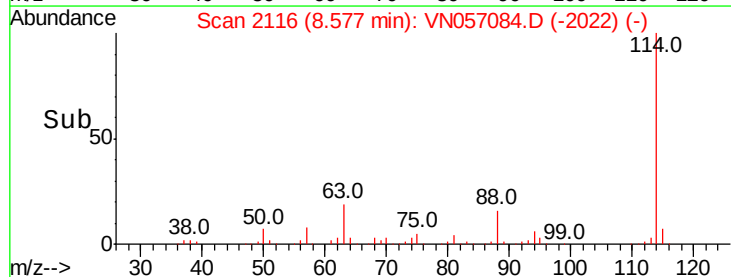
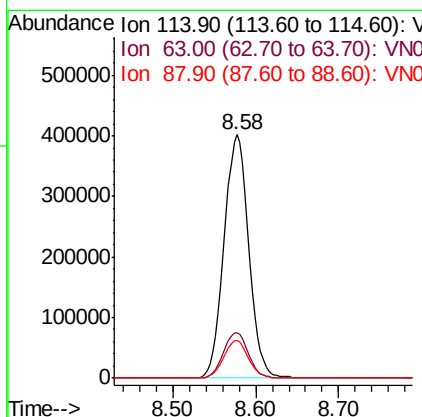
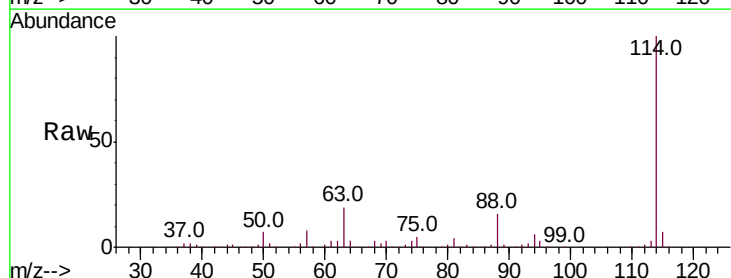
Instrument :
 MSVOA_N
 ClientSampleId :
 1S-A1-(30)

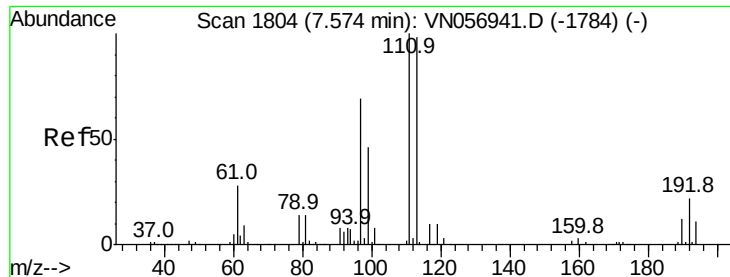
Tot Ion: 65 Resp: 284201
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057084.D
 Acq: 5 Aug 2019 16:01

Tgt Ion: 114 Resp: 833263
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.044 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

Instrument :

MSVOA_N

ClientSampled :

1S-A1-(30)

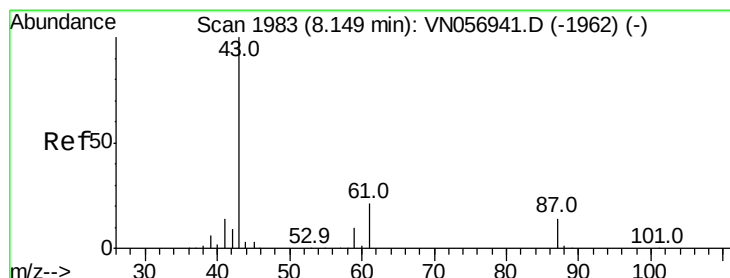
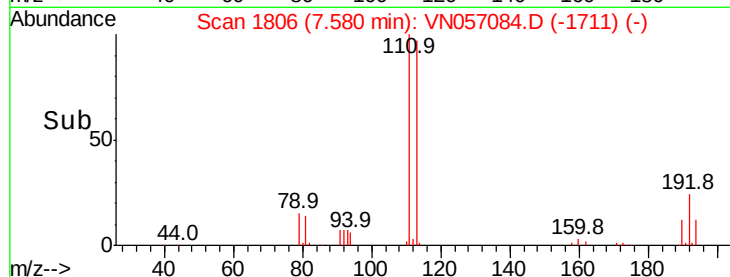
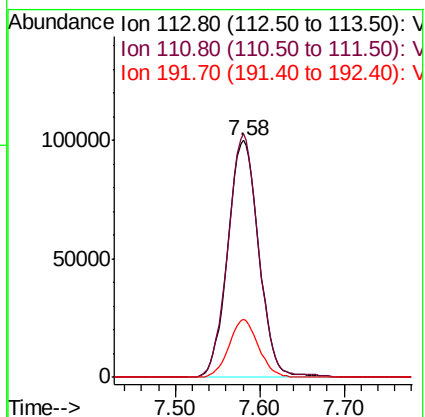
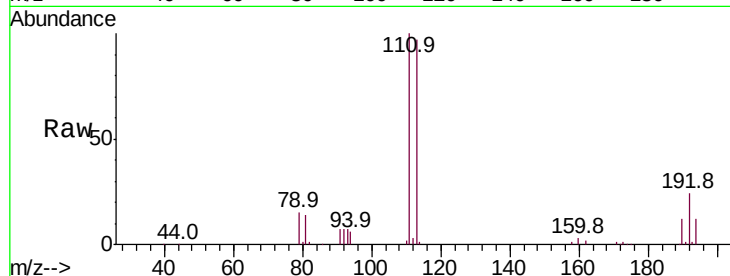
Tot Ion:113 Resp: 256278

Ion Ratio Lower Upper

113 100

111 100.1 82.0 123.0

192 23.2 18.4 27.6



#43

Isopropyl Acetate

Concen: 2.434 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

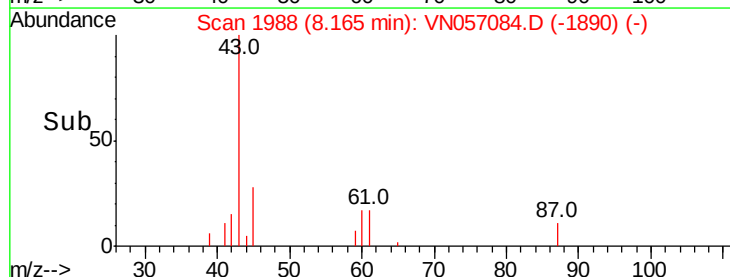
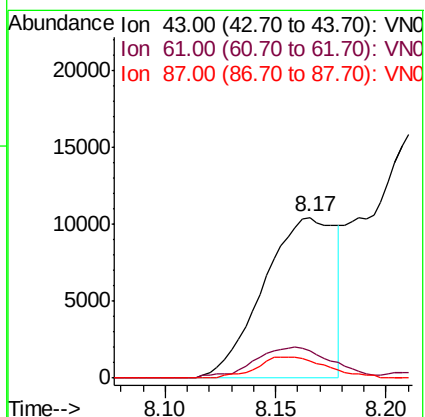
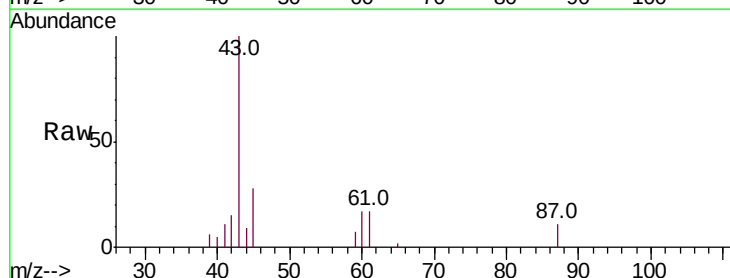
Tgt Ion: 43 Resp: 23625

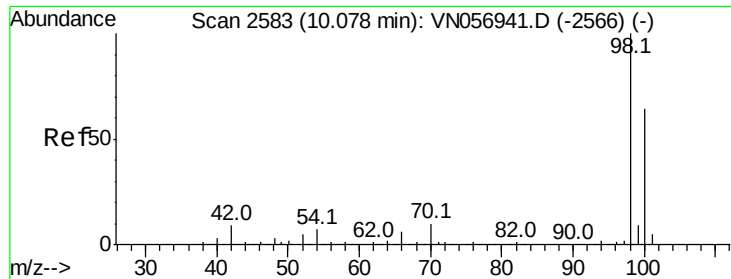
Ion Ratio Lower Upper

43 100

61 20.7 23.0 34.6#

87 12.9 11.7 17.5





#50

Toluene-d8

Concen: 47.710 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

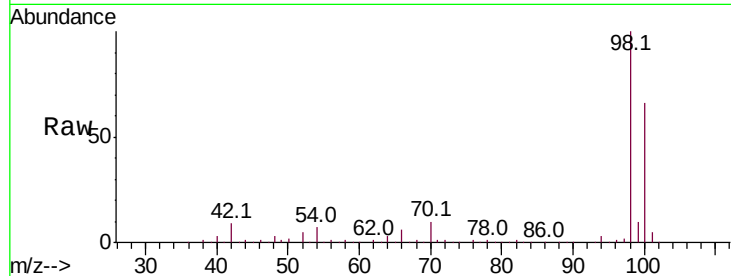
1S-A1-(30)

Tot Ion: 98 Resp: 970523

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN056941.D (-2566) (-)

Ion 100.00 (99.70 to 100.70): VN056941.D (-2566) (-)

10.08

600000

500000

400000

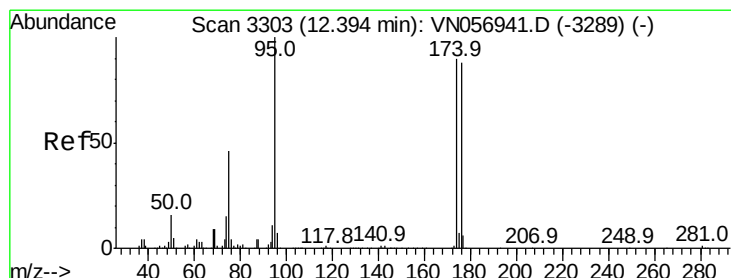
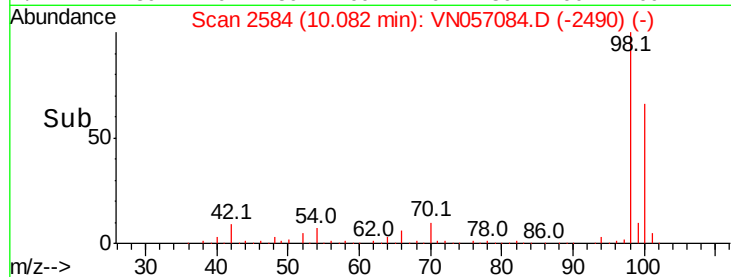
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 39.741 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057084.D

Acq: 5 Aug 2019 16:01

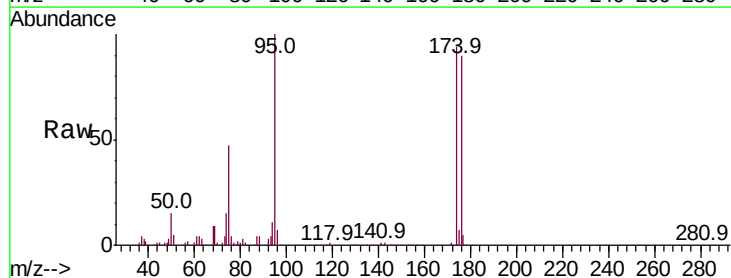
Tgt Ion: 95 Resp: 263174

Ion Ratio Lower Upper

95 100

174 95.2 0.0 182.2

176 91.2 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

200000

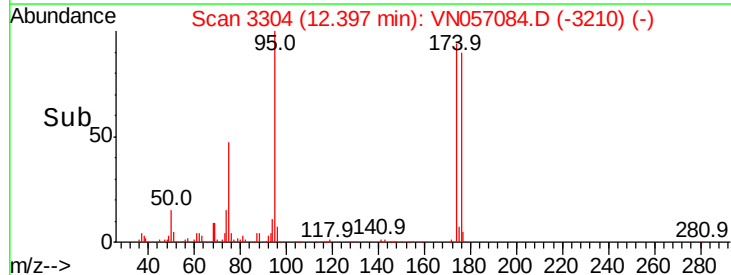
150000

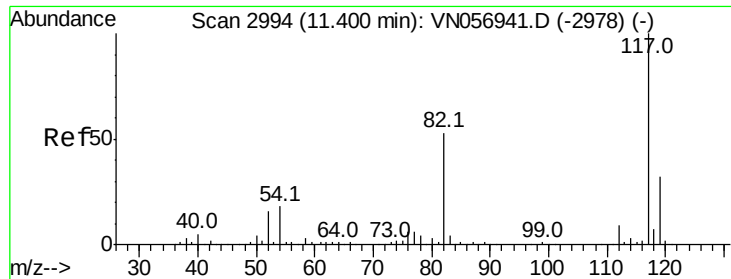
100000

50000

0

Time-->

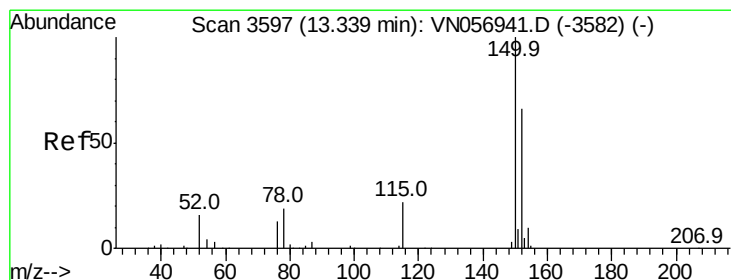
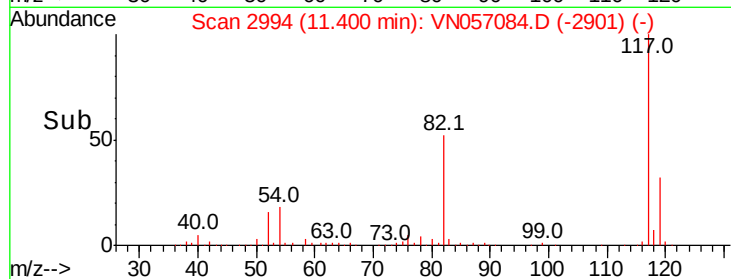
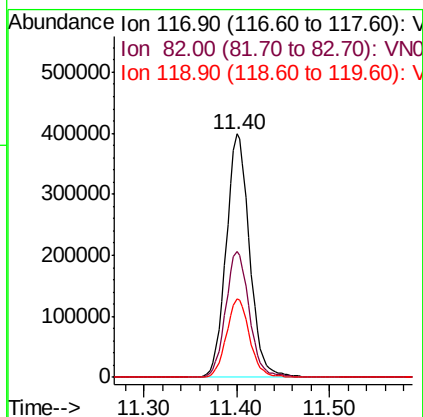
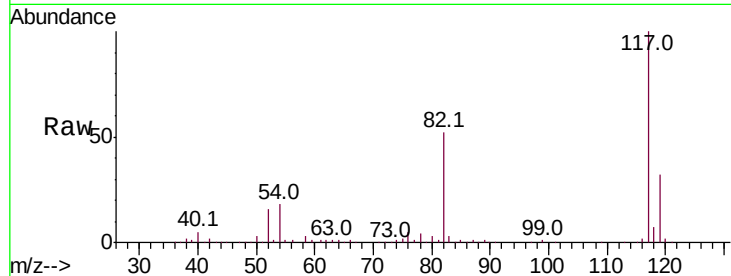




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057084.D
Acq: 5 Aug 2019 16:01

Instrument :
MSVOA_N
ClientSampled :
1S-A1-(30)

Tot Ion:117 Resp: 697066
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057084.D
Acq: 5 Aug 2019 16:01

Tgt Ion:152 Resp: 192744
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.6
150 154.3 0.0 349.4

