

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057100.D
 Acq On : 6 Aug 2019 13:58
 Operator : JC/SP
 Sample : K4152-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-E1-(0-1)

Quant Time: Aug 07 04:14:53 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

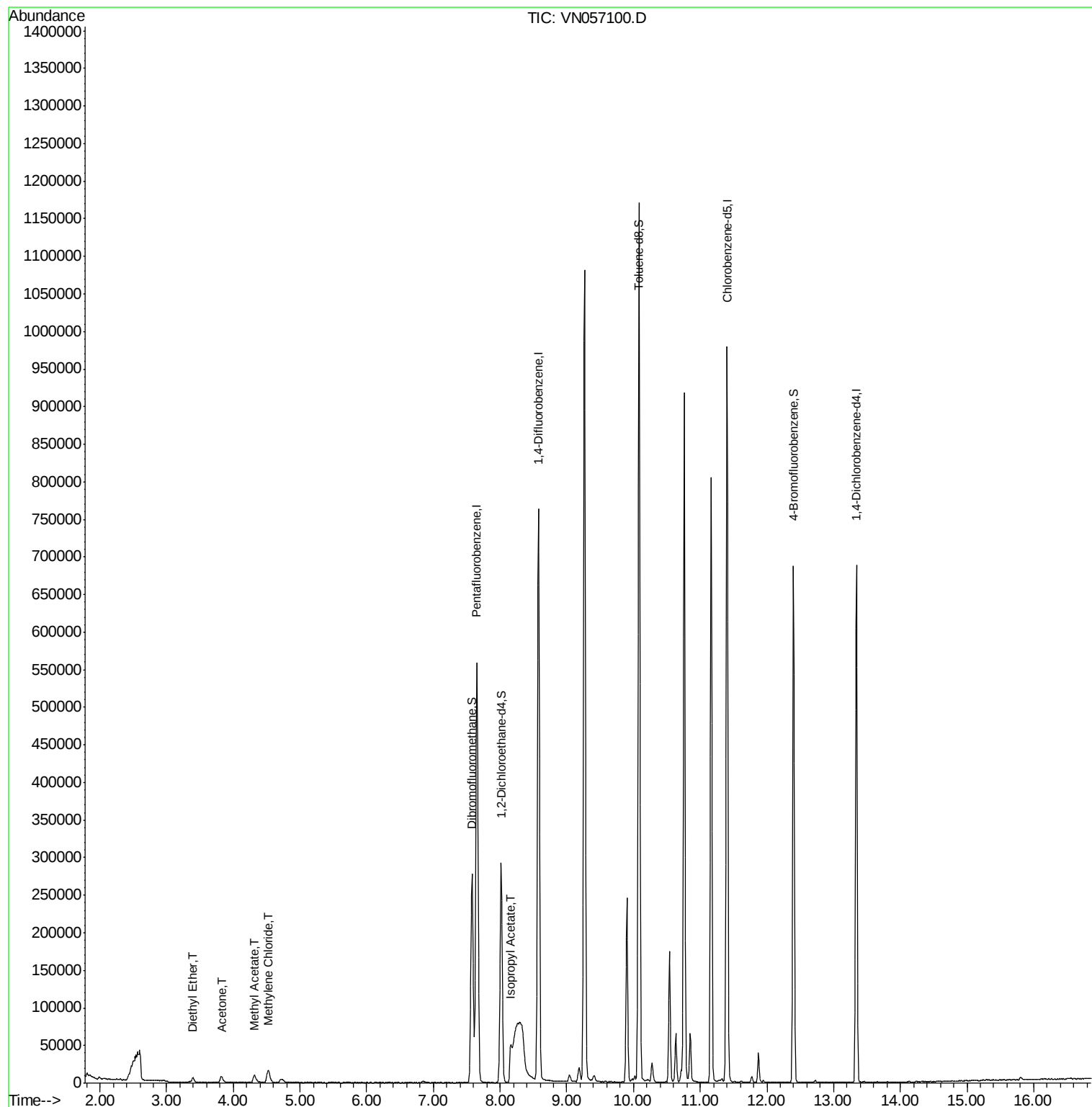
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	502696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	725760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	608910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	248724	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	7.58	113	216094	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	10.08	98	843112	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.40	95	240314	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
Target Compounds						
8) Diethyl Ether	3.40	74	3707	1.326	ug/l	Qvalue 80
16) Acetone	3.82	43	15346	8.232	ug/l #	85
18) Methyl Acetate	4.32	43	21101	3.548	ug/l	100
20) Methylene Chloride	4.53	84	15175	2.826	ug/l	87
43) Isopropyl Acetate	8.17	43	49967	5.911	ug/l #	68

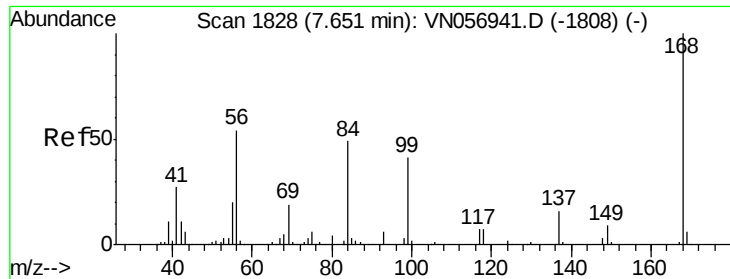
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080619\
Data File : VN057100.D
Acq On : 6 Aug 2019 13:58
Operator : JC/SP
Sample : K4152-32
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
2S-E1-(0-1)

Quant Time: Aug 07 04:14:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
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: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

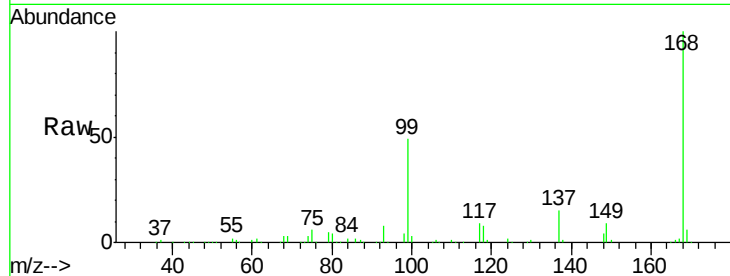
2S-E1-(0-1)

Tot Ion:168 Resp: 502696

Ion Ratio Lower Upper

168 100

99 49.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

0

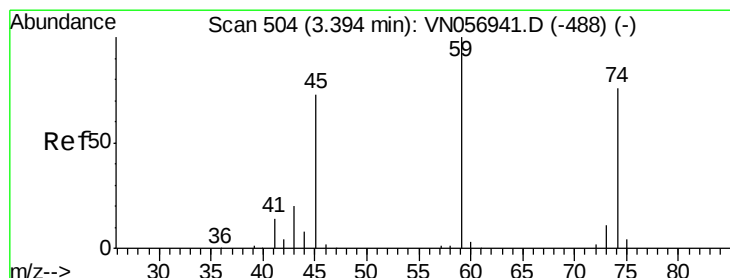
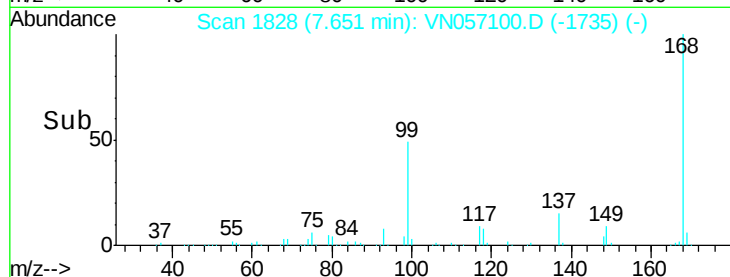
7.60

7.65

7.70

7.80

Time-->



#8

Diethyl Ether

Concen: 1.326 ug/l

RT: 3.40 min Scan# 505

Delta R.T. 0.00 min

Lab File: VN057100.D

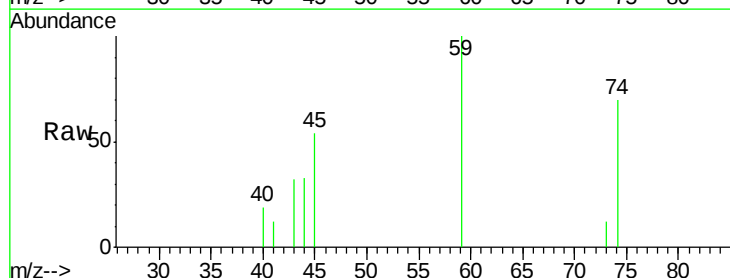
Acq: 6 Aug 2019 13:58

Tgt Ion: 74 Resp: 3707

Ion Ratio Lower Upper

74 100

45 77.0 48.1 144.3



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

1500

1000

500

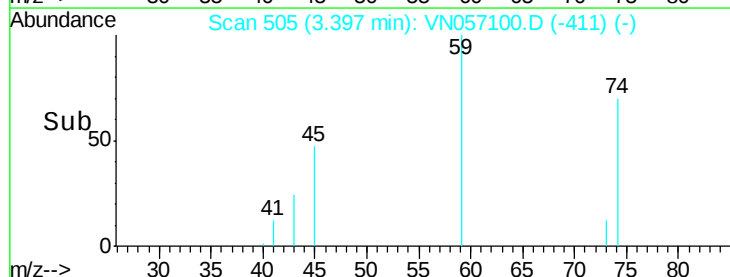
0

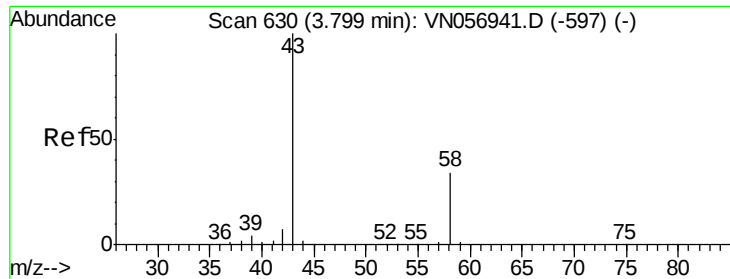
3.35

3.40

3.45

Time-->

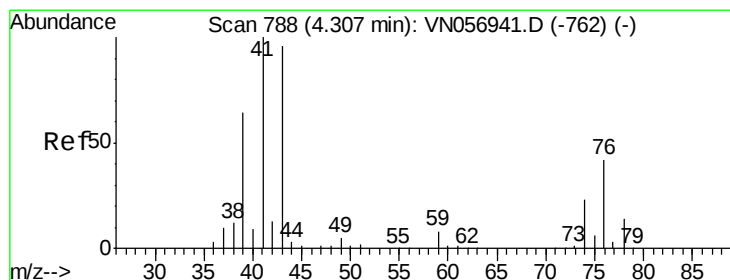
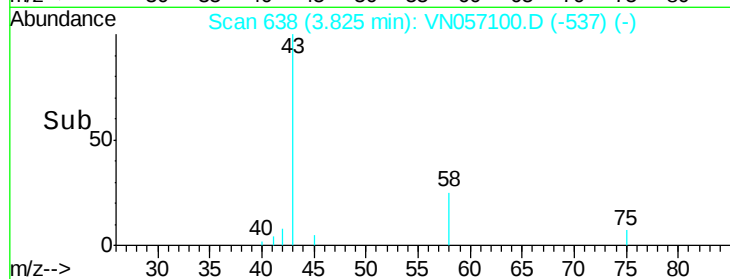
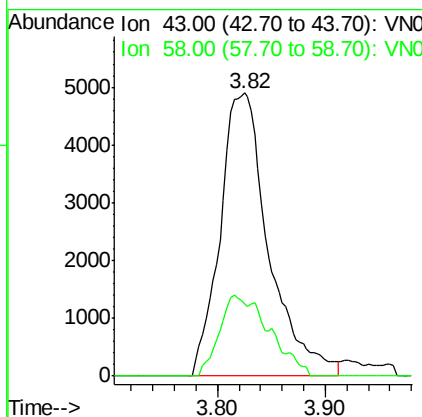
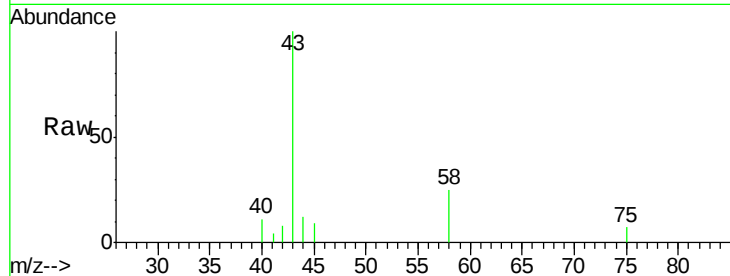




#16
 Acetone
 Concen: 8.232 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.03 min
 Lab File: VN057100.D
 Acq: 6 Aug 2019 13:58

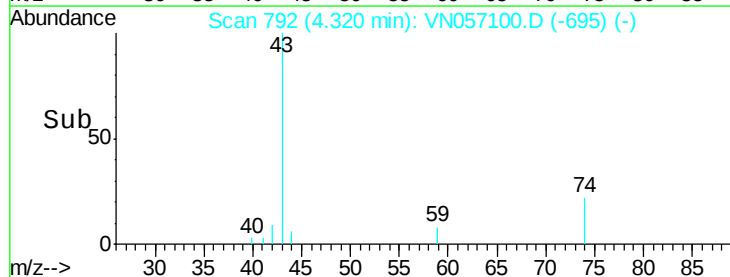
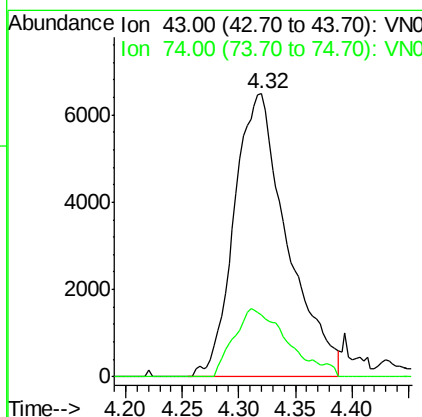
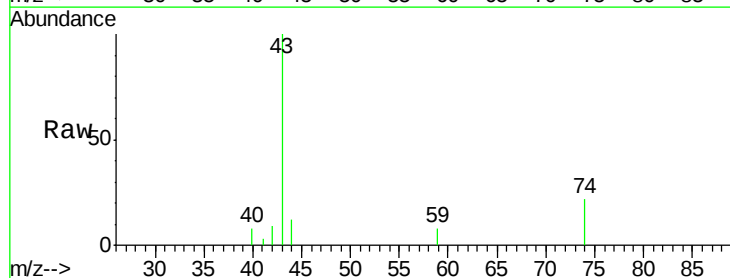
Instrument :
 MSVOA_N
 ClientSampled :
 2S-E1-(0-1)

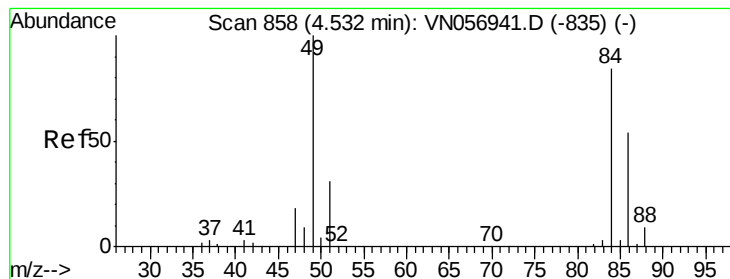
Tot Ion: 43 Resp: 15346
 Ion Ratio Lower Upper
 43 100
 58 25.4 27.2 40.8#



#18
 Methyl Acetate
 Concen: 3.548 ug/l
 RT: 4.32 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: VN057100.D
 Acq: 6 Aug 2019 13:58

Tgt Ion: 43 Resp: 21101
 Ion Ratio Lower Upper
 43 100
 74 24.6 19.7 29.5





#20

Methylene Chloride

Concen: 2.826 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(0-1)

Tot Ion: 84 Resp: 15175

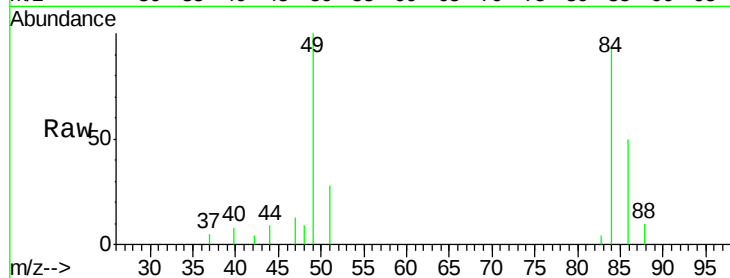
Ion Ratio Lower Upper

84 100

49 104.0 95.2 142.8

51 30.6 29.7 44.5

86 53.4 51.0 76.6

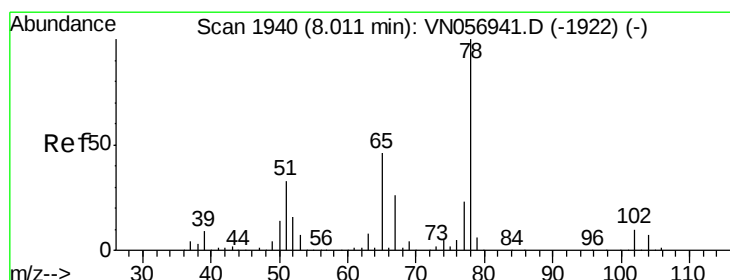
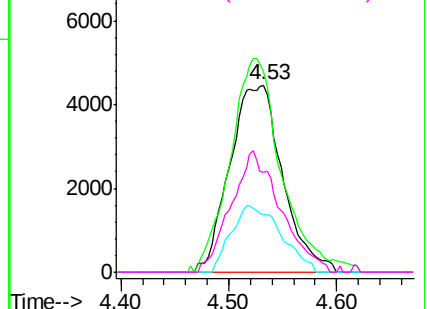
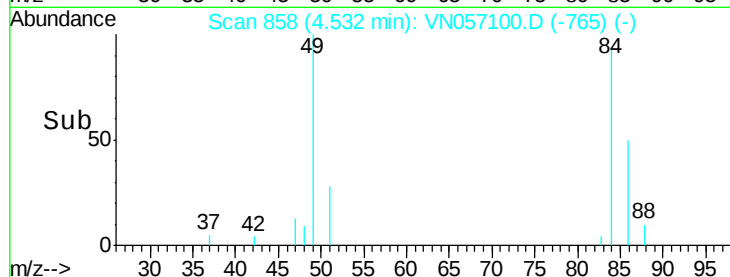


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.335 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057100.D

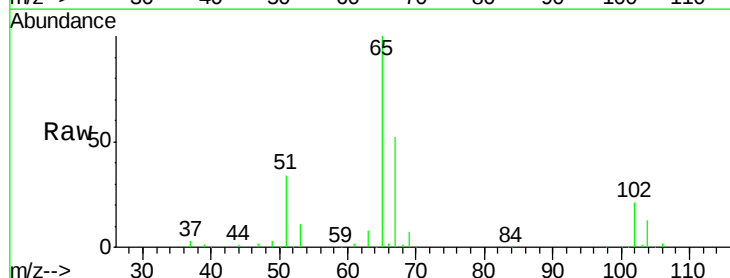
Acq: 6 Aug 2019 13:58

Tgt Ion: 65 Resp: 248724

Ion Ratio Lower Upper

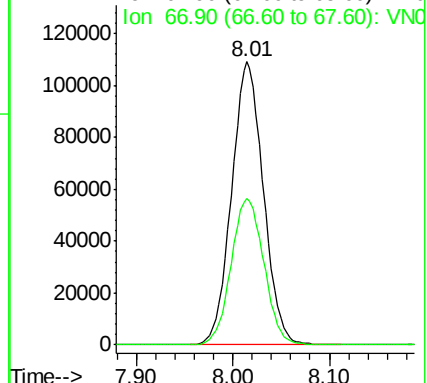
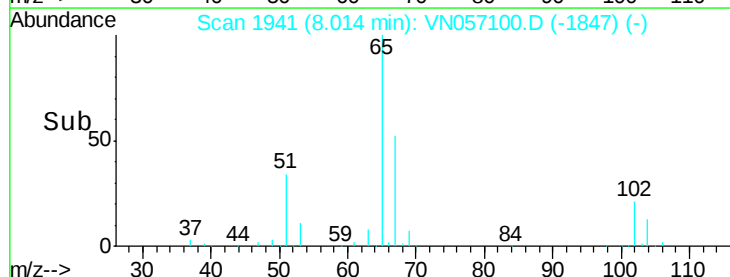
65 100

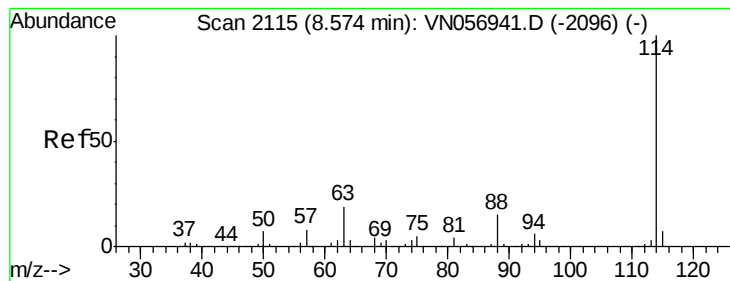
67 53.5 0.0 112.0



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: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(0-1)

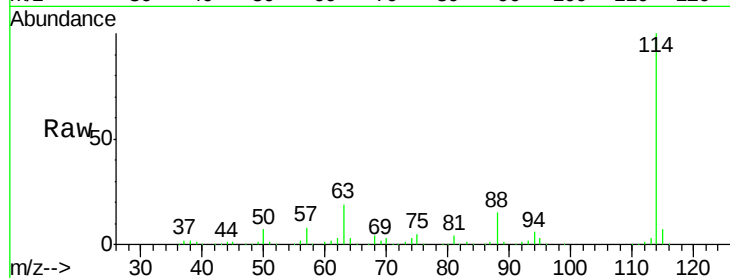
Tot Ion:114 Resp: 725760

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

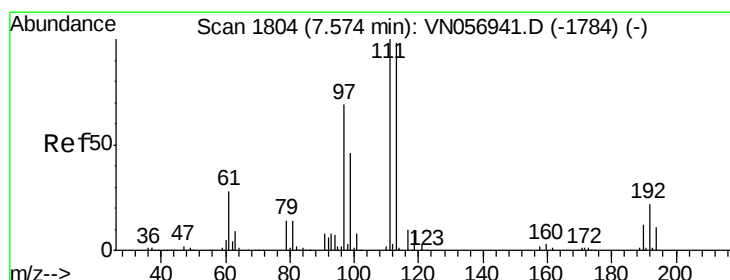
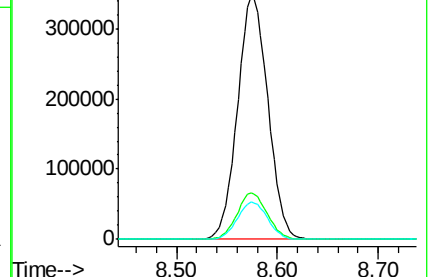
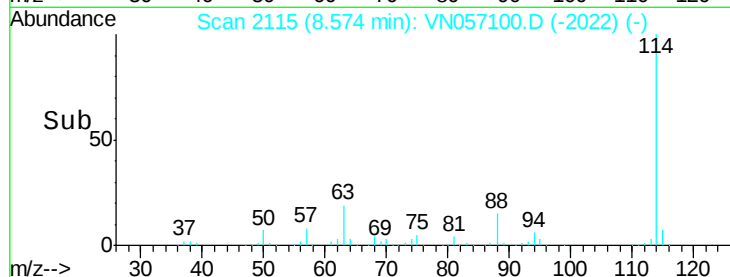
88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.511 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

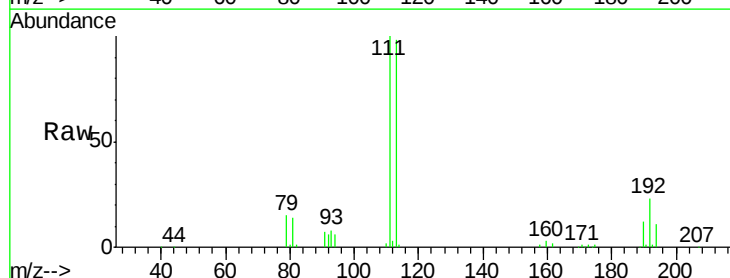
Tgt Ion:113 Resp: 216094

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

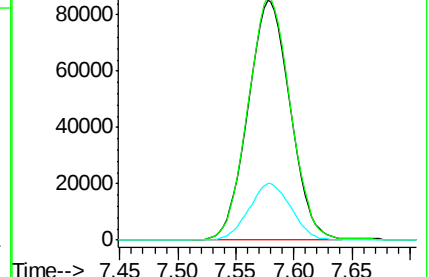
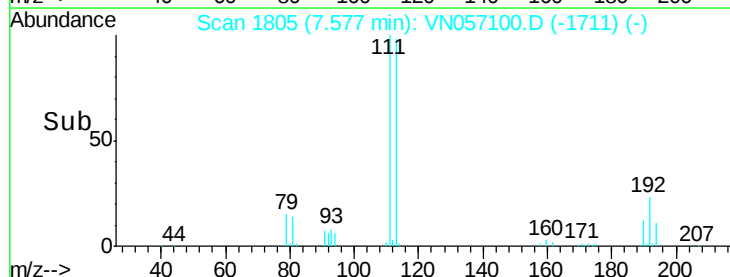
192 23.6 18.4 27.6

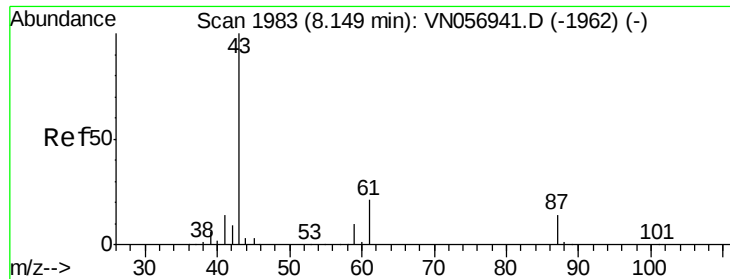


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.911 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(0-1)

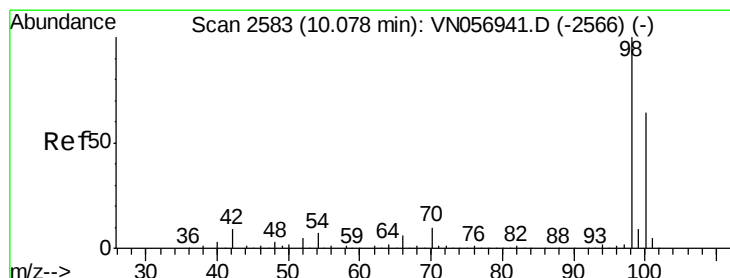
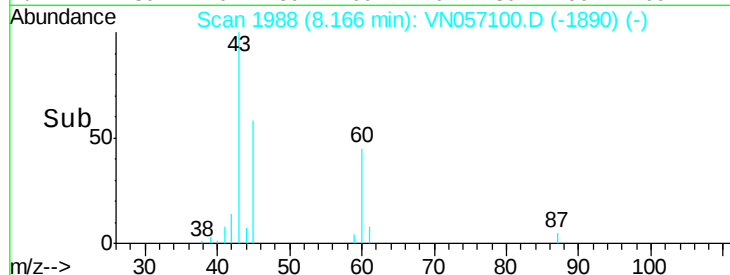
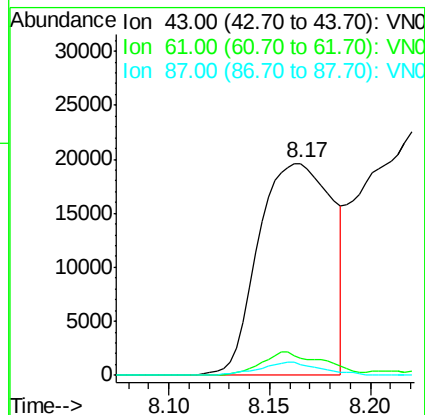
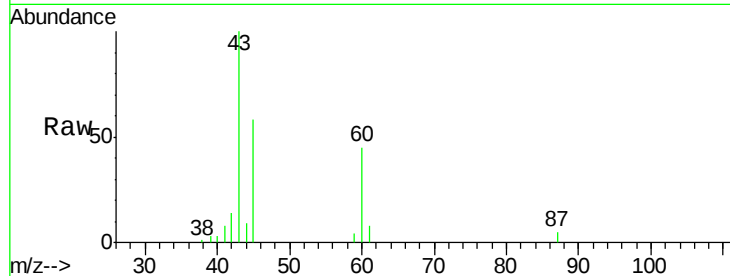
Tot Ion: 43 Resp: 49967

Ion Ratio Lower Upper

43 100

61 9.2 23.0 34.6#

87 5.0 11.7 17.5#



#50

Toluene-d8

Concen: 47.586 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057100.D

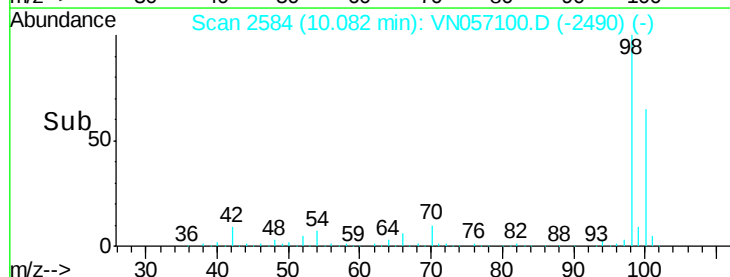
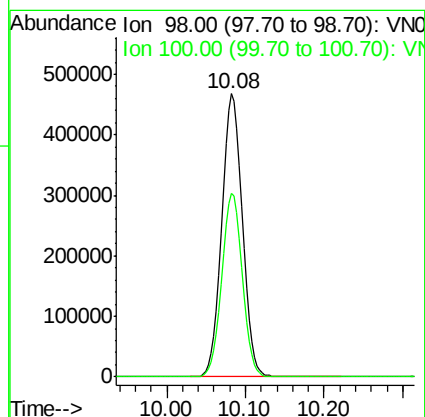
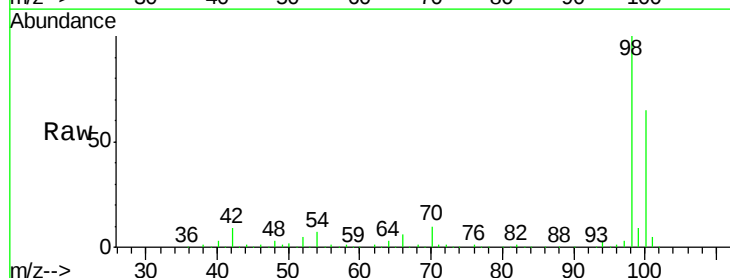
Acq: 6 Aug 2019 13:58

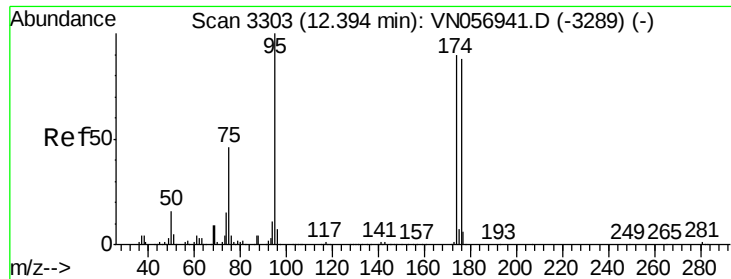
Tgt Ion: 98 Resp: 843112

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

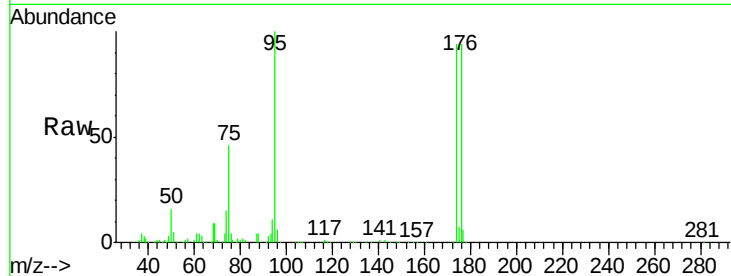




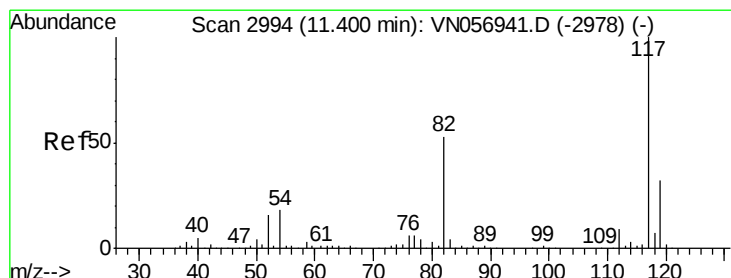
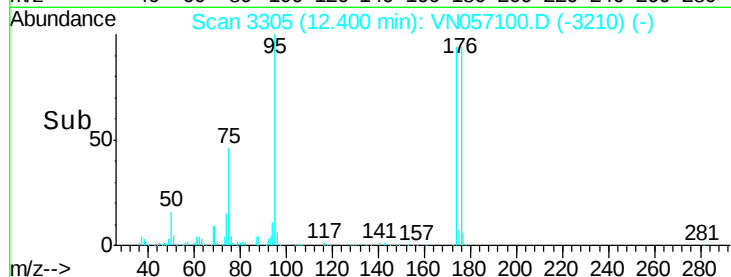
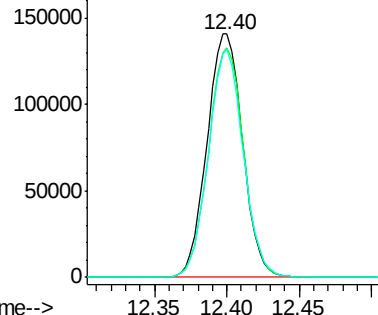
#62
4-Bromofluorobenzene
Concen: 41.664 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.01 min
Lab File: VN057100.D
Acq: 6 Aug 2019 13:58

Instrument :
MSVOA_N
ClientSampleId :
2S-E1-(0-1)

Tot Ion: 95 Resp: 240314
Ion Ratio Lower Upper
95 100
174 93.1 0.0 182.2
176 91.2 0.0 179.4

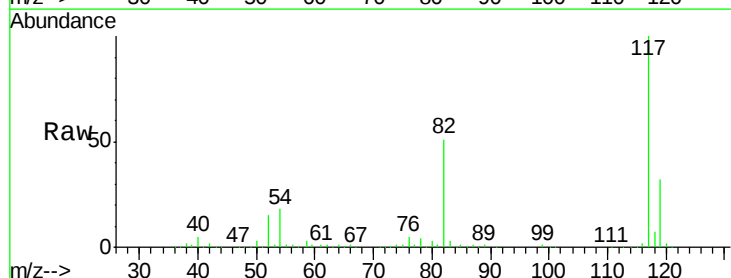


Abundance Ion 94.90 (94.60 to 95.60): VN056941.D (-3289) (-)
Ion 173.80 (173.50 to 174.50): VN056941.D (-3289) (-)
Ion 175.80 (175.50 to 176.50): VN056941.D (-3289) (-)

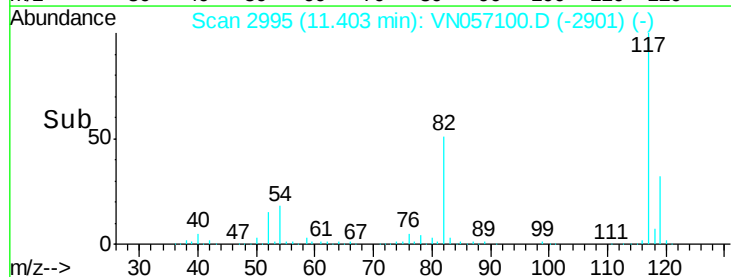
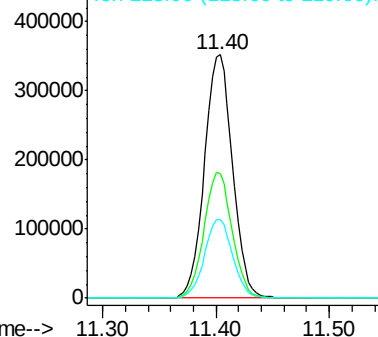


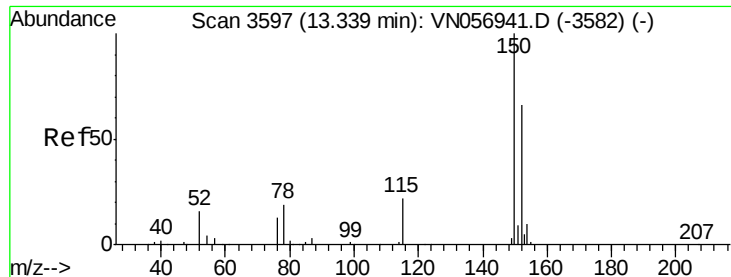
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057100.D
Acq: 6 Aug 2019 13:58

Tgt Ion: 117 Resp: 608910
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.4
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN056941.D (-2978) (-)
Ion 82.00 (81.70 to 82.70): VN056941.D (-2978) (-)
Ion 118.90 (118.60 to 119.60): VN056941.D (-2978) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057100.D

Acq: 6 Aug 2019 13:58

Instrument :

MSVOA_N

ClientSampleId :

2S-E1-(0-1)

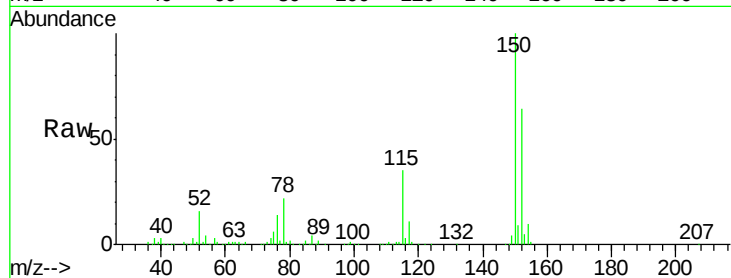
Tot Ion:152 Resp: 203618

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.6

150 154.9 0.0 349.4



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

