

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059213.D
 Acq On : 13 Nov 2019 16:43
 Operator : JC/SP
 Sample : K5814-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30663

Quant Time: Nov 14 08:12:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

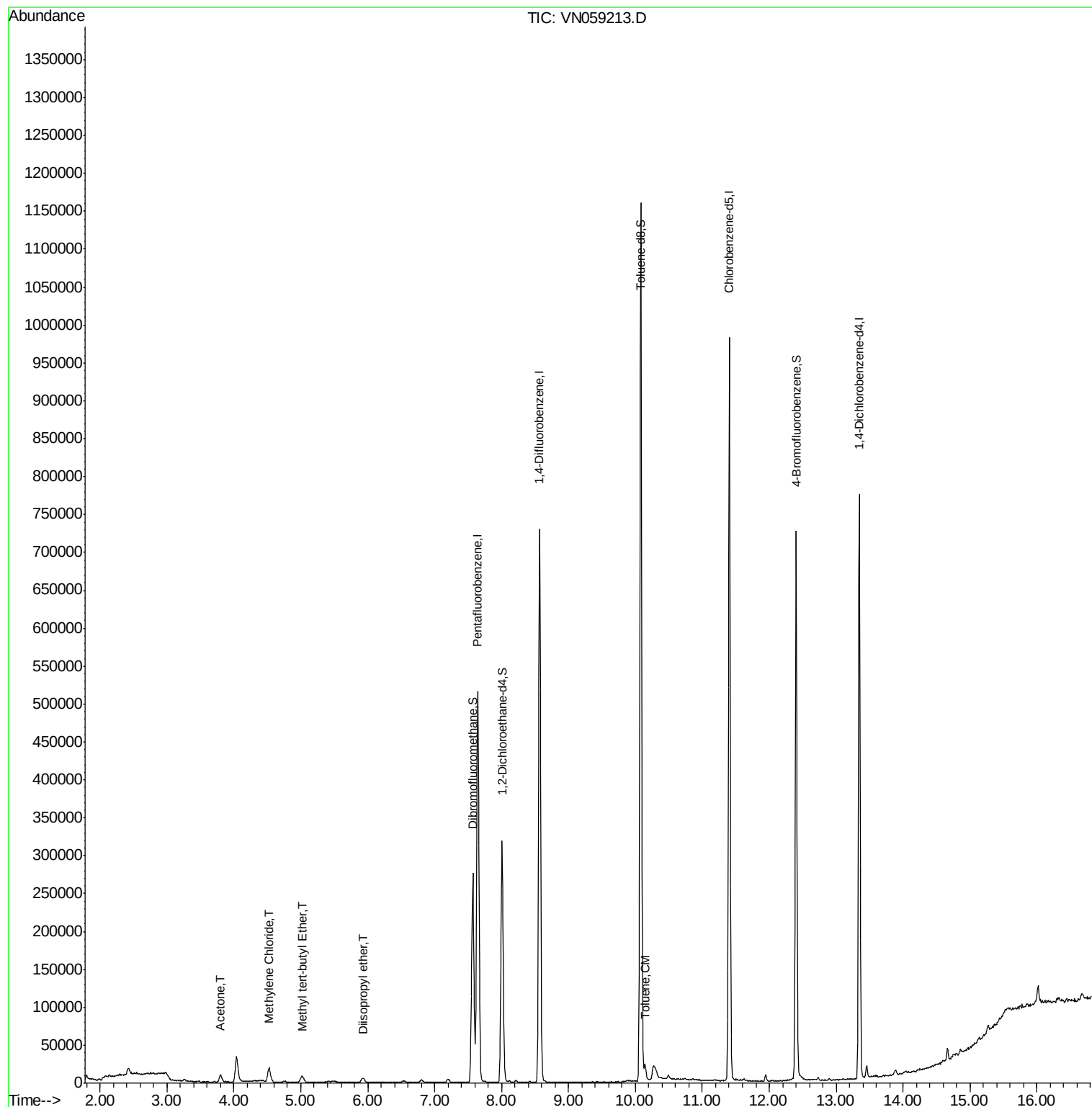
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	422582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	569499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	274732	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	7.57	113	211373	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	10.08	98	812232	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.40	95	256498	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
16) Acetone	3.81	43	16294	6.032	ug/l	94
19) Methyl tert-butyl Ether	5.02	73	13560	0.999	ug/l	99
20) Methylene Chloride	4.53	84	14686	3.121	ug/l	99
22) Diisopropyl ether	5.93	45	7444	0.487	ug/l	93
52) Toluene	10.15	92	8012	0.723	ug/l	99

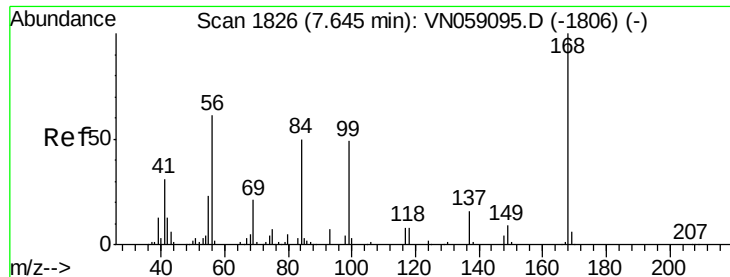
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059213.D
Acq On : 13 Nov 2019 16:43
Operator : JC/SP
Sample : K5814-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30663

Quant Time: Nov 14 08:12:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 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: VN059213.D

Acq: 13 Nov 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

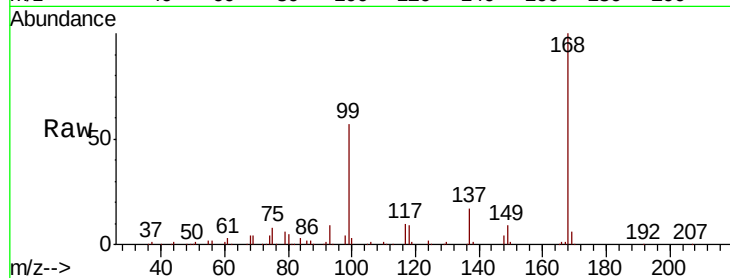
30663

Tot Ion:168 Resp: 422582

Ion Ratio Lower Upper

168 100

99 56.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

200000

150000

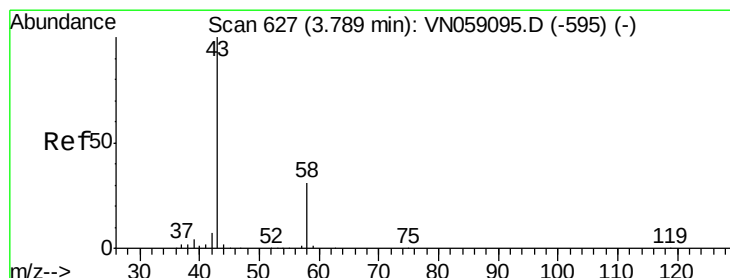
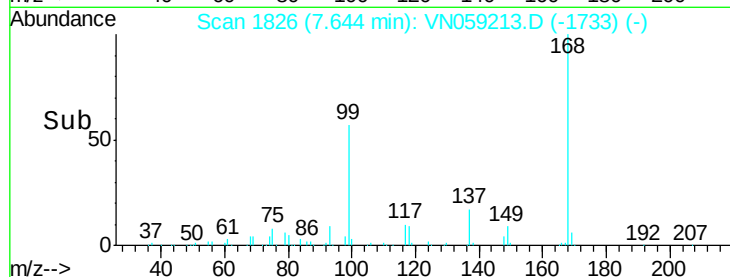
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.032 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.02 min

Lab File: VN059213.D

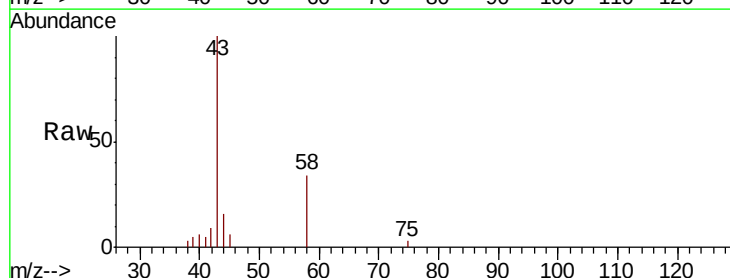
Acq: 13 Nov 2019 16:43

Tgt Ion: 43 Resp: 16294

Ion Ratio Lower Upper

43 100

58 34.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

6000

5000

4000

3000

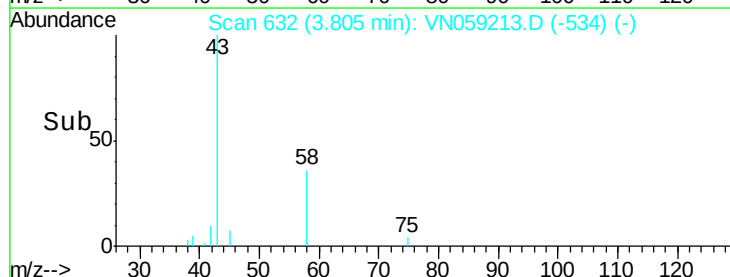
2000

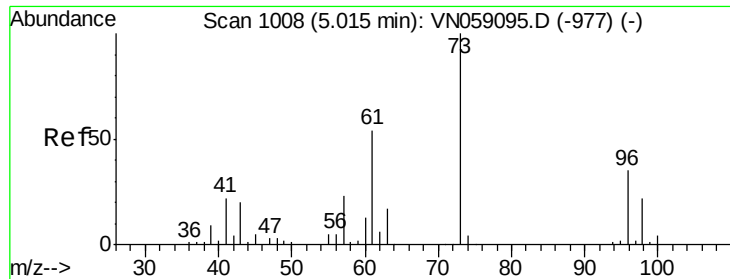
1000

0

3.70 3.75 3.80 3.85

Time-->

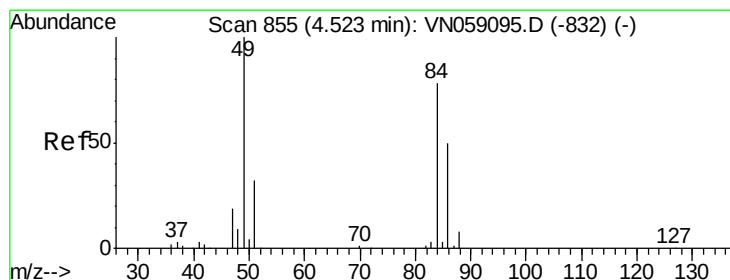
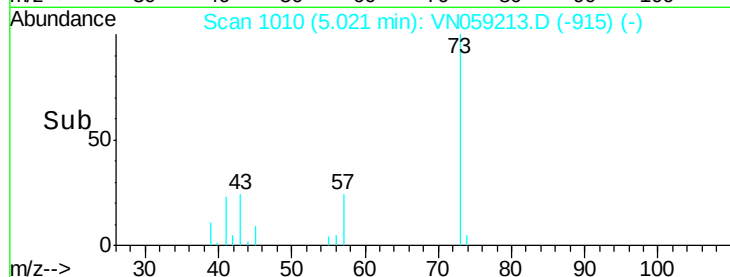
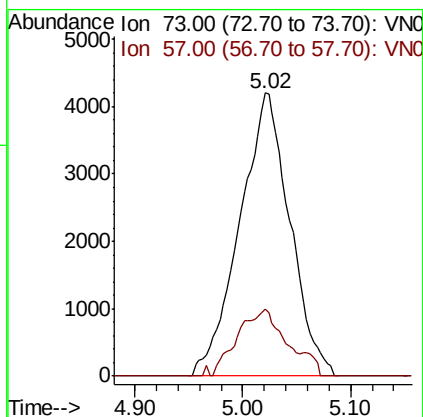
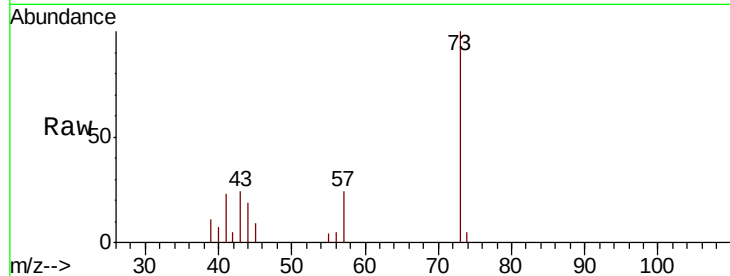




#19
Methyl tert-butyl Ether
Concen: 0.999 ug/l
RT: 5.02 min Scan# 1010
Delta R.T. 0.01 min
Lab File: VN059213.D
Acq: 13 Nov 2019 16:43

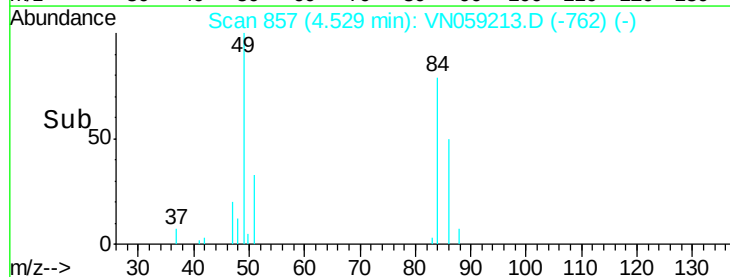
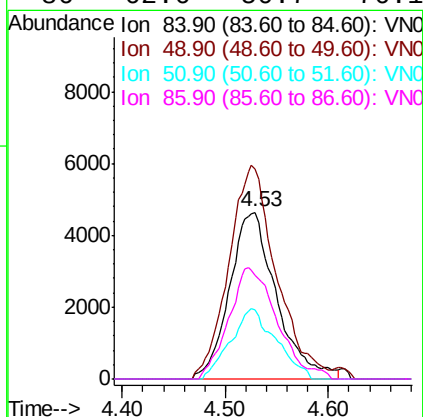
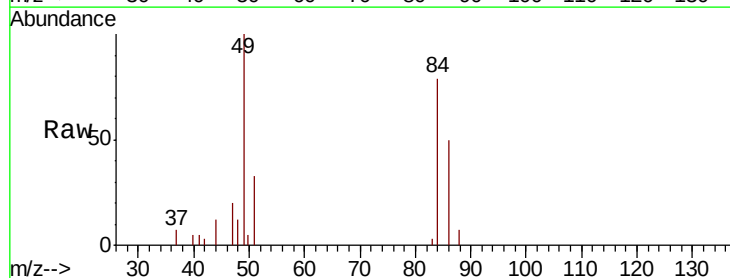
Instrument :
MSVOA_N
ClientSampled :
30663

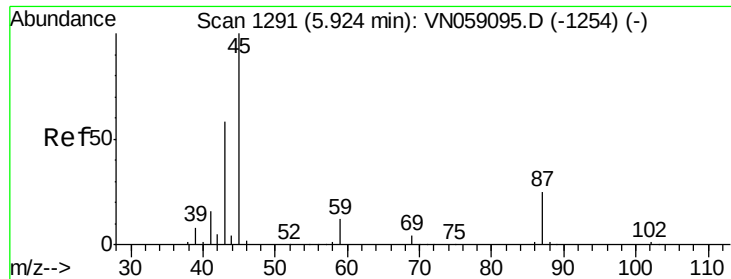
Tot Ion: 73 Resp: 13560
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6



#20
Methylene Chloride
Concen: 3.121 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059213.D
Acq: 13 Nov 2019 16:43

Tgt Ion: 84 Resp: 14686
Ion Ratio Lower Upper
84 100
49 126.1 102.0 153.0
51 41.3 32.2 48.2
86 62.6 50.7 76.1

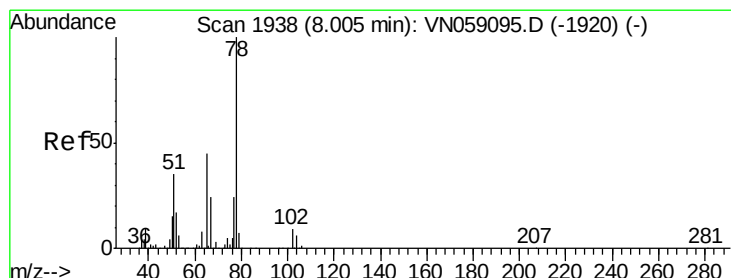
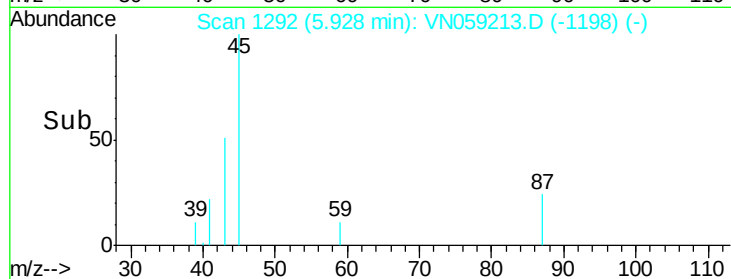
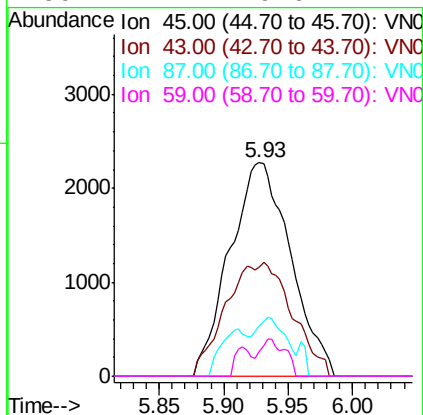
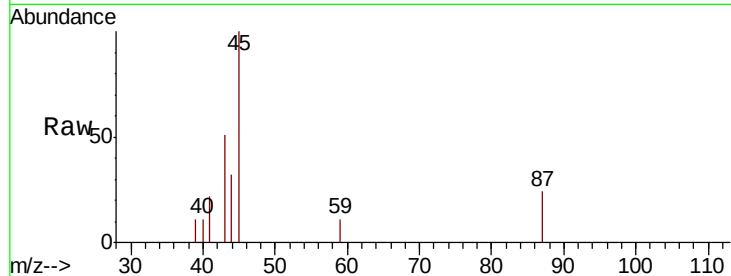




#22
Diisopropyl ether
Concen: 0.487 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VN059213.D
Acq: 13 Nov 2019 16:43

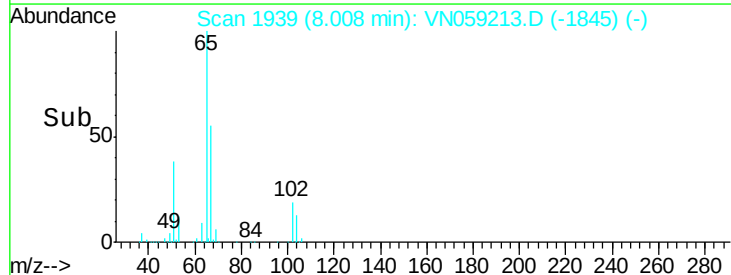
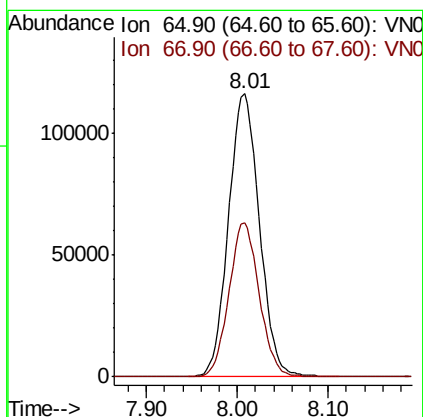
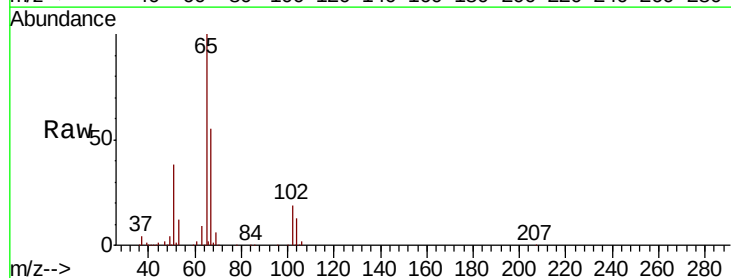
Instrument :
MSVOA_N
ClientSampled :
30663

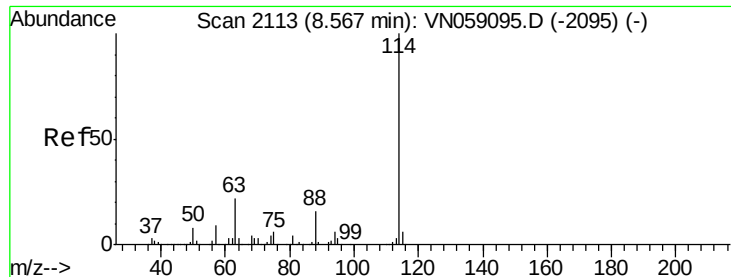
Tot Ion:	45	Resp:	7444
Ion	Ratio	Lower	Upper
45	100		
43	50.8	46.7	70.1
87	23.6	20.5	30.7
59	11.4	9.6	14.4



#33
1,2-Dichloroethane-d4
Concen: 52.888 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059213.D
Acq: 13 Nov 2019 16:43

Tgt Ion:	65	Resp:	274732
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4

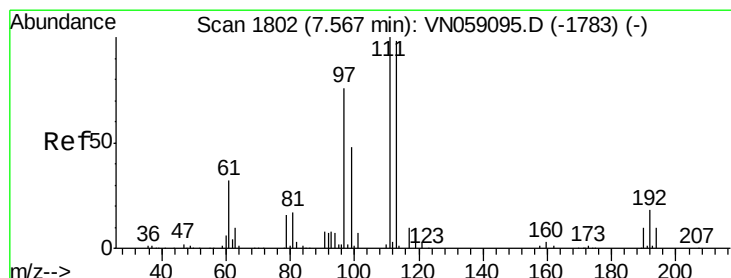
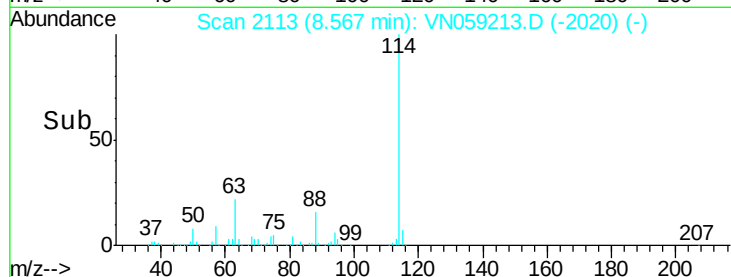
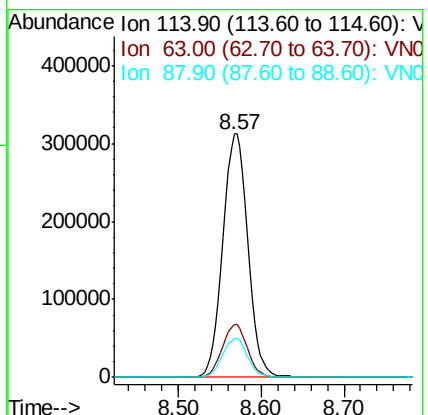
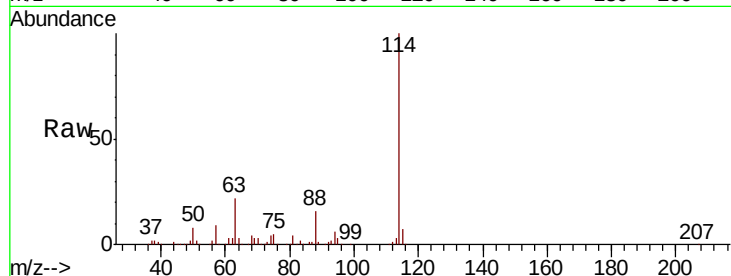




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059213.D
 Acq: 13 Nov 2019 16:43

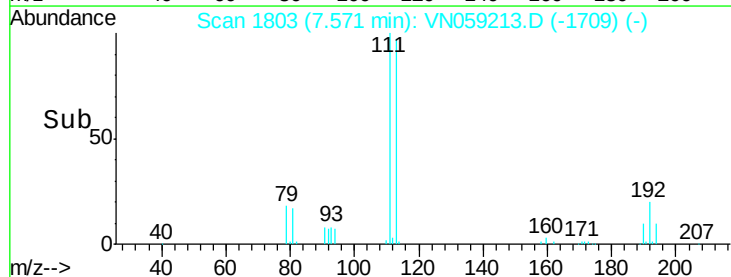
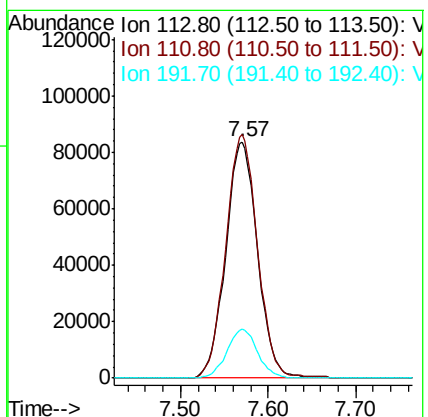
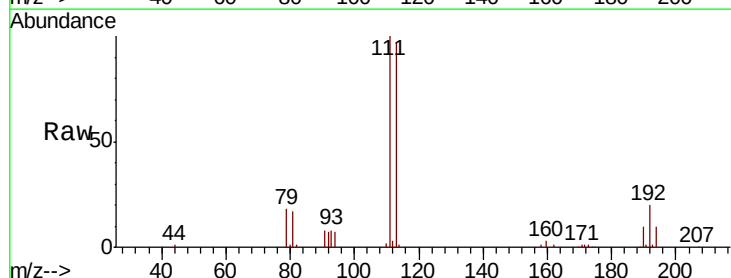
Instrument :
 MSVOA_N
 ClientSampleId :
 30663

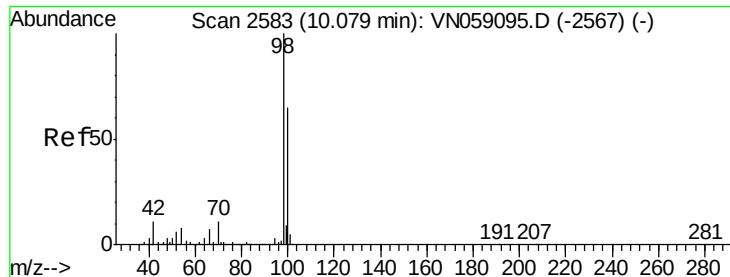
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.4
88	15.9	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 53.887 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059213.D
 Acq: 13 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	20.0	16.1	24.1





#50

Toluene-d8

Concen: 52.570 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059213.D

Acq: 13 Nov 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

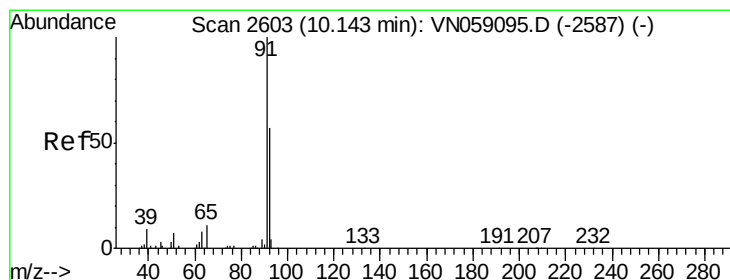
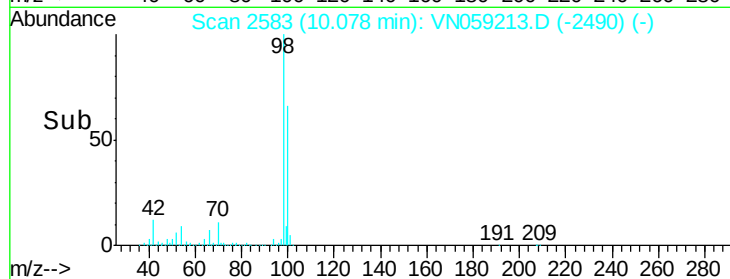
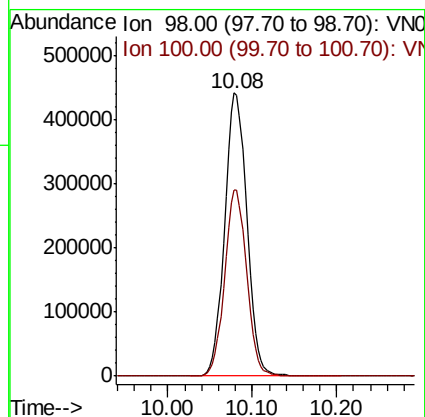
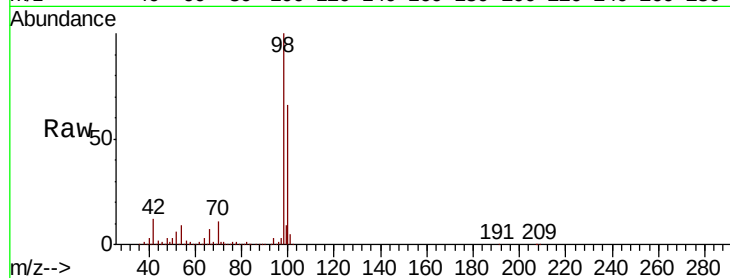
30663

Tot Ion: 98 Resp: 812232

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#52

Toluene

Concen: 0.723 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059213.D

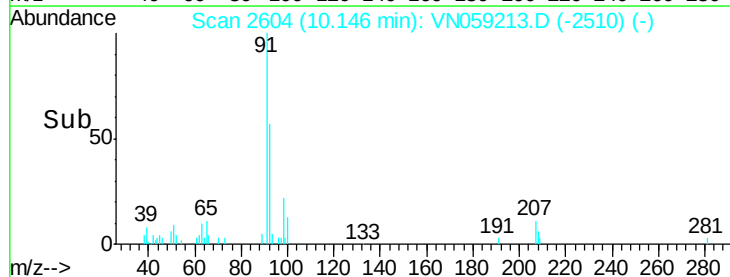
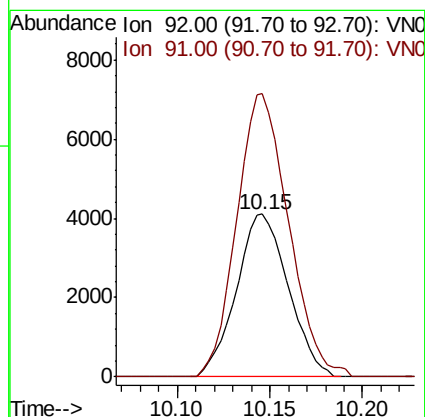
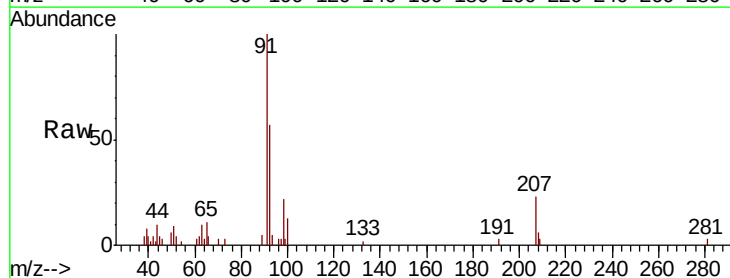
Acq: 13 Nov 2019 16:43

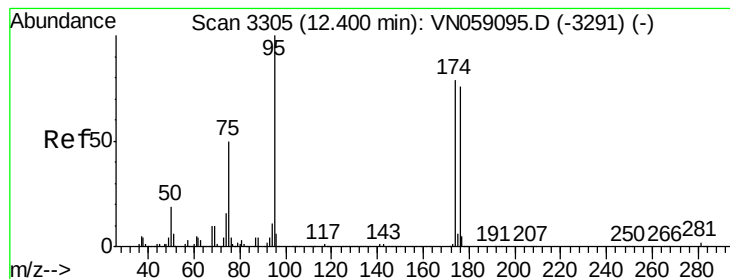
Tgt Ion: 92 Resp: 8012

Ion Ratio Lower Upper

92 100

91 173.3 139.5 209.3





#62

4-Bromofluorobenzene

Concen: 46.043 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059213.D

Acq: 13 Nov 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

30663

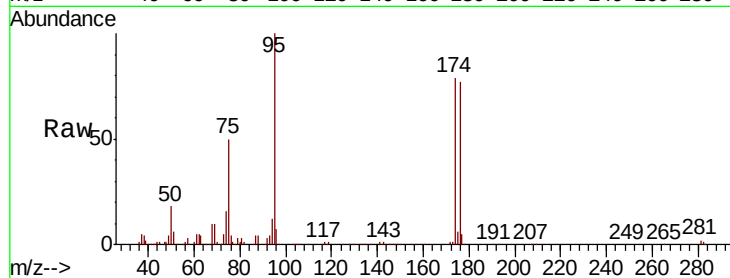
Tot Ion: 95 Resp: 256498

Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.2

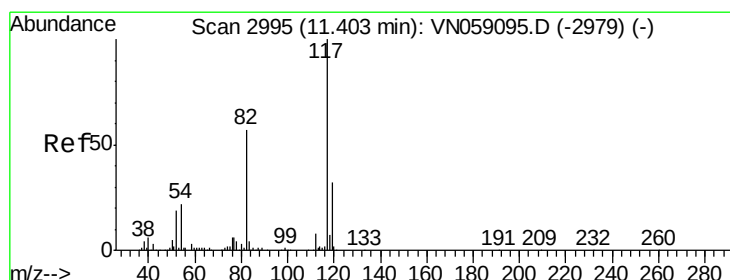
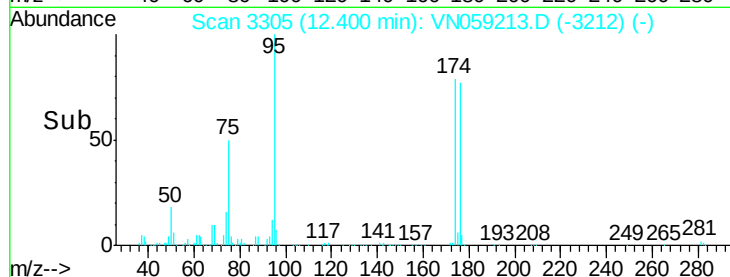
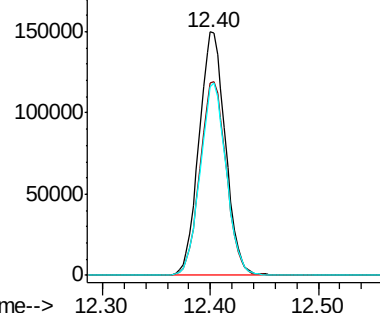
176 77.6 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059213.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059213.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059213.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059213.D

Acq: 13 Nov 2019 16:43

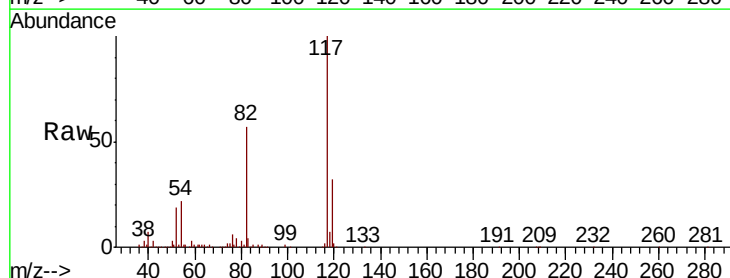
Tgt Ion: 117 Resp: 569499

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

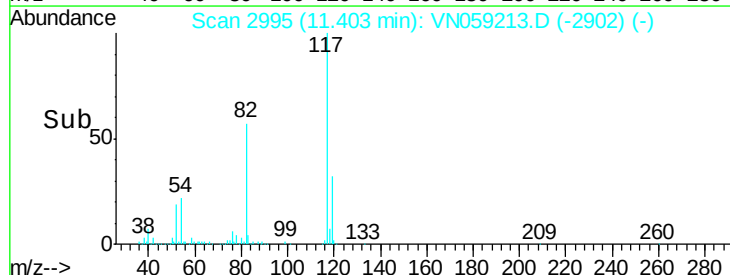
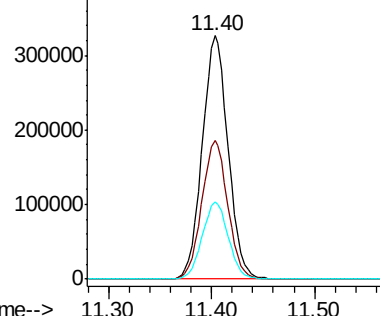
119 31.7 25.8 38.6

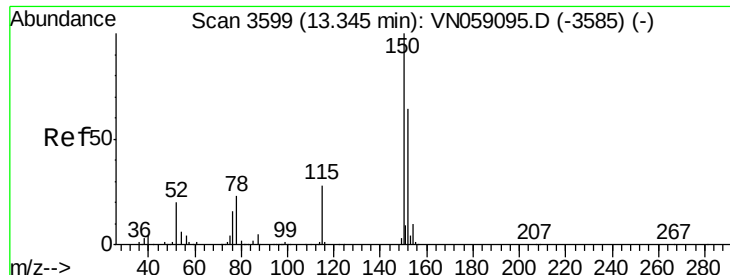


Abundance Ion 116.90 (116.60 to 117.60): VN059213.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059213.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059213.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059213.D

Acq: 13 Nov 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

30663

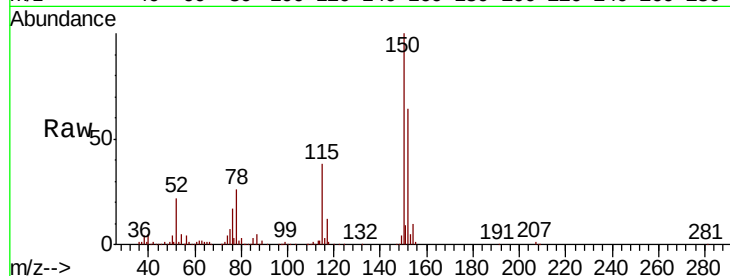
Tot Ion:152 Resp: 209809

Ion Ratio Lower Upper

152 100

115 60.0 29.4 88.2

150 157.6 0.0 345.8



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

