

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061025.D
 Acq On : 16 Apr 2020 20:28
 Operator : JC/MD
 Sample : L2287-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Apr 17 05:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

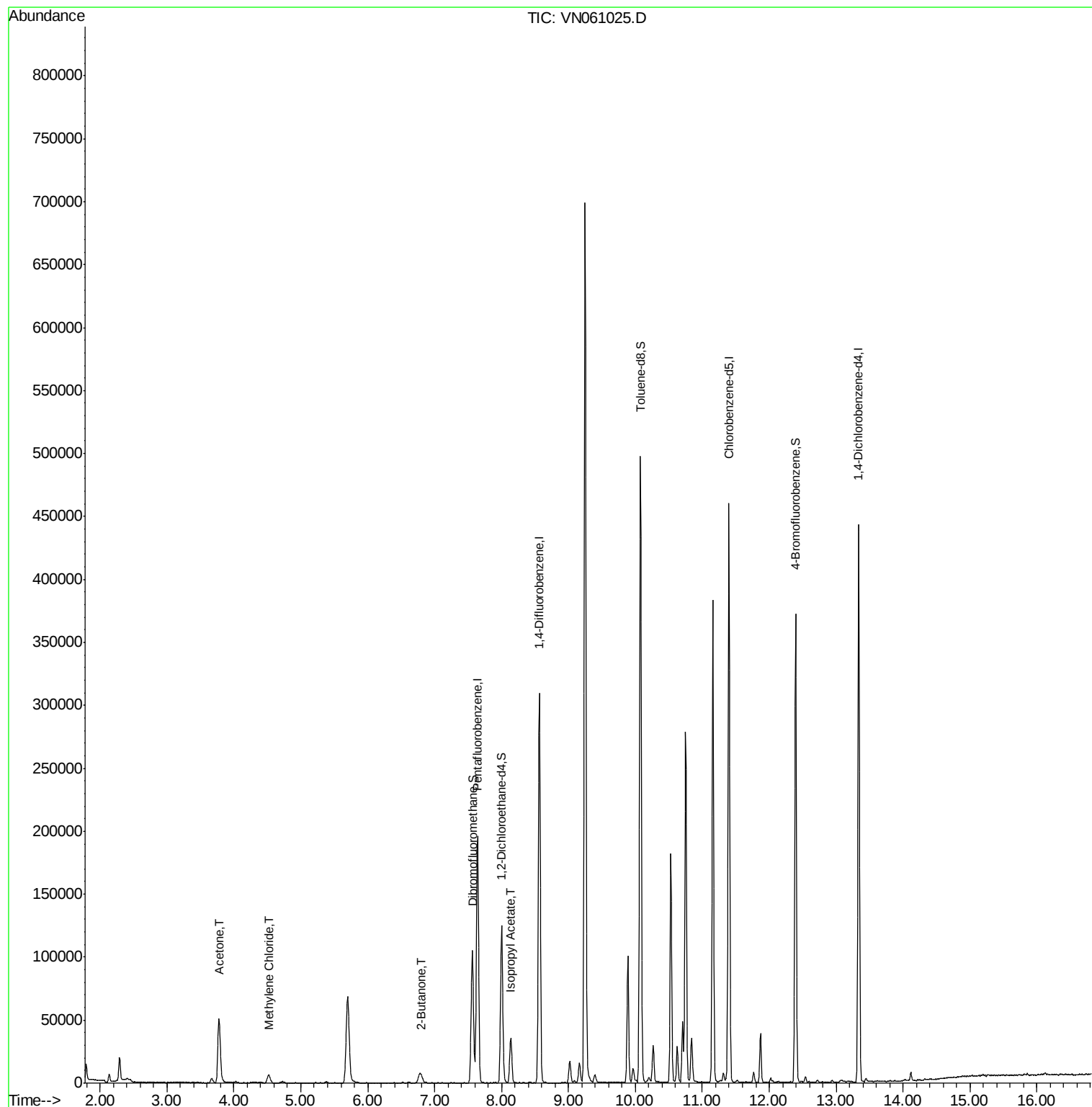
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	158819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	270381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	255653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106607	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.56	113	80607	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.08	98	334825	56.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.24%	
62) 4-Bromofluorobenzene	12.39	95	127914	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
Target Compounds						
16) Acetone	3.78	43	89054	99.571	ug/l	99
20) Methylene Chloride	4.52	84	5471	2.802	ug/l	88
25) 2-Butanone	6.80	43	10303	7.518	ug/l	97
43) Isopropyl Acetate	8.14	43	43674	8.864	ug/l #	91

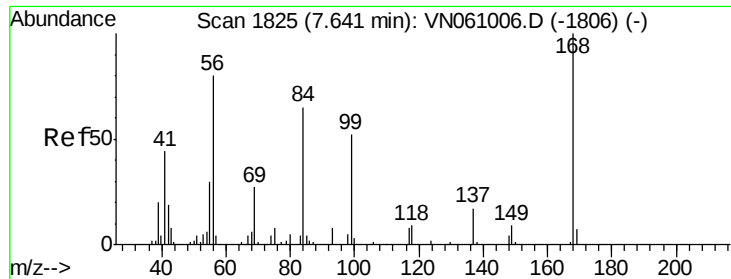
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061025.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

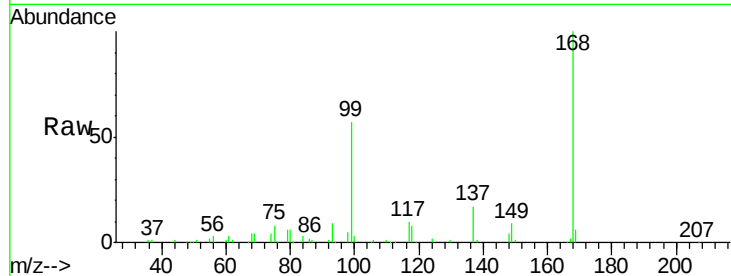
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Tot Ion:168 Resp: 158819

Ion Ratio Lower Upper

168 100

99 57.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN061006.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN061006.D (-1806) (-)

7.64

60000

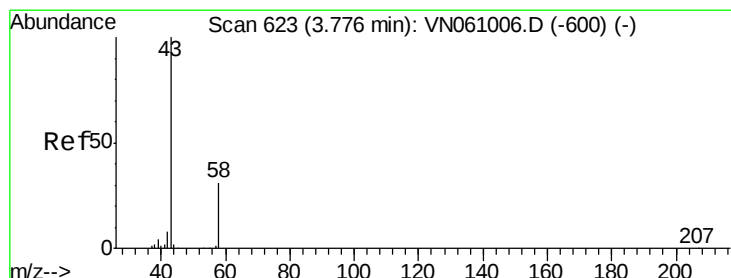
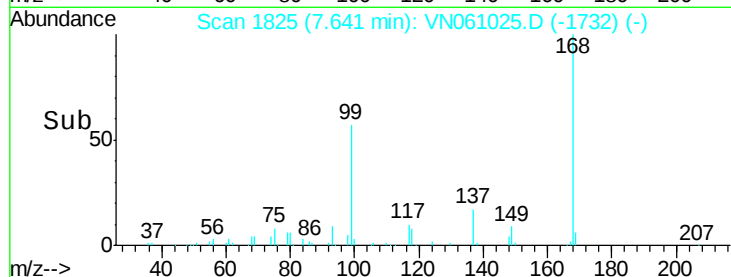
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 99.571 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061025.D

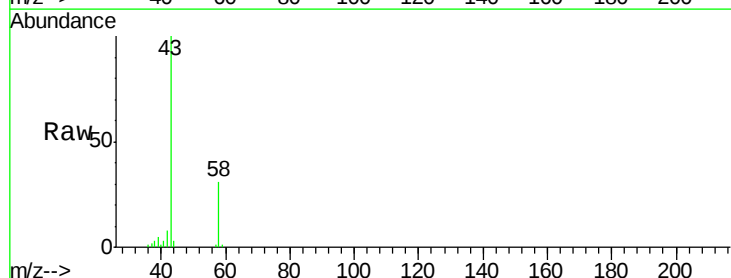
Acq: 16 Apr 2020 20:28

Tgt Ion: 43 Resp: 89054

Ion Ratio Lower Upper

43 100

58 30.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-600) (-)

3.78

30000

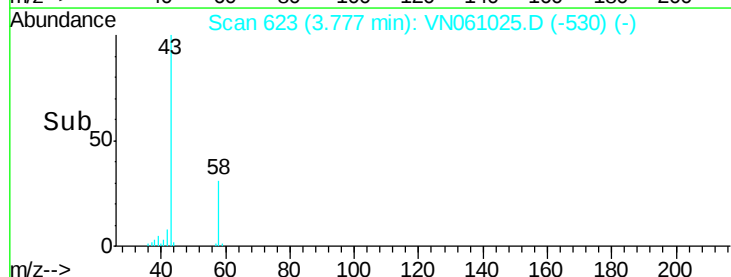
20000

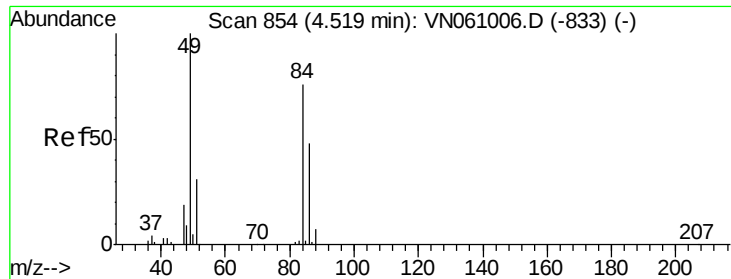
10000

0

3.70 3.80 3.90

Time-->

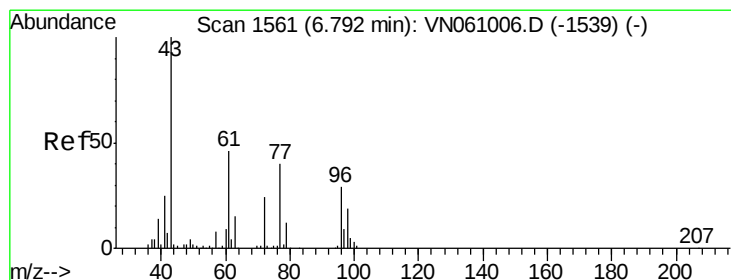
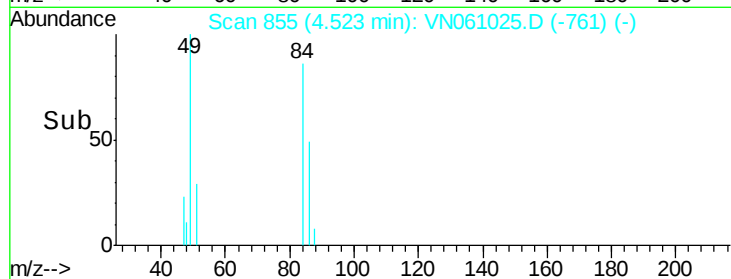
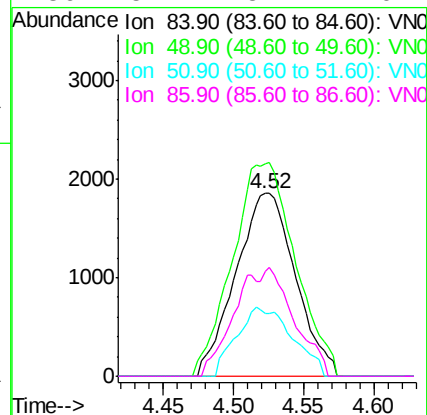
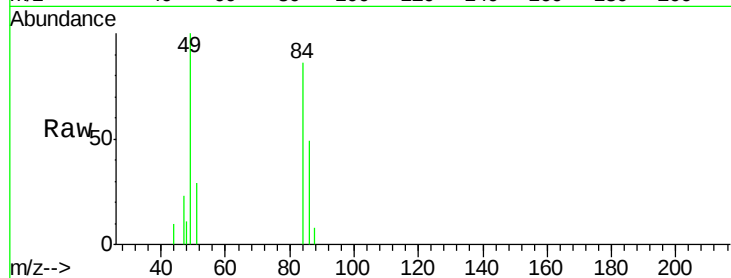




#20
Methvlene Chloride
Concen: 2.802 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN061025.D
Acq: 16 Apr 2020 20:28

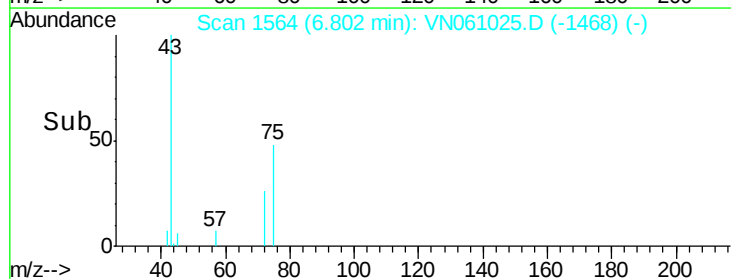
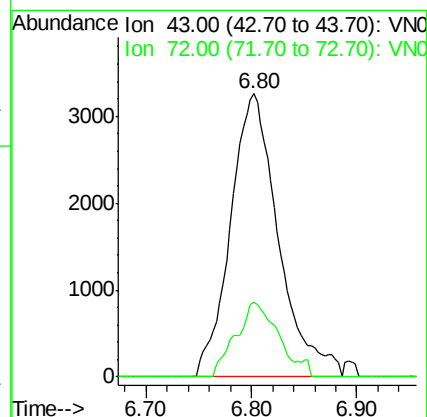
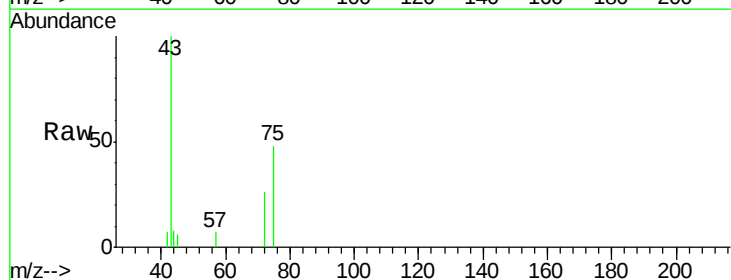
Instrument :
MSVOA_N
ClientSampleId :
GLOUCESTER-SP

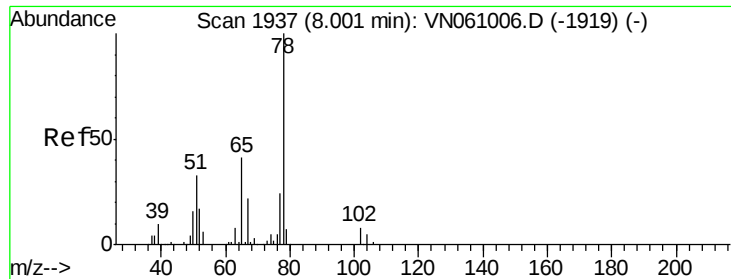
Tot Ion:	84	Resp:	5471
Ion	Ratio	Lower	Upper
84	100		
49	116.3	105.8	158.6
51	34.0	32.4	48.6
86	57.1	51.1	76.7



#25
2-Butanone
Concen: 7.518 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VN061025.D
Acq: 16 Apr 2020 20:28

Tgt Ion:	43	Resp:	10303
Ion	Ratio	Lower	Upper
43	100		
72	26.2	19.6	29.4





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061025.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

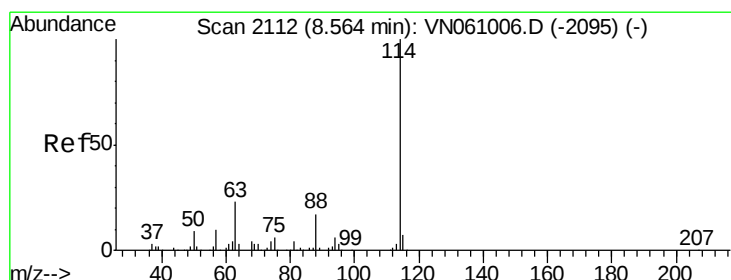
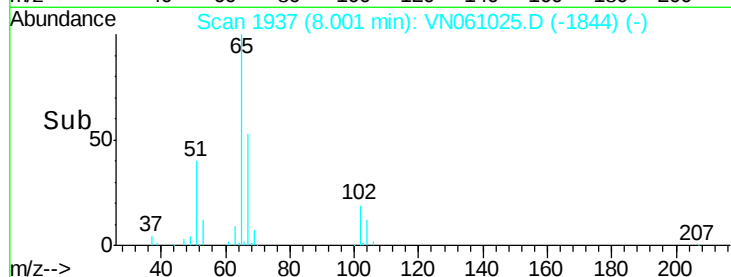
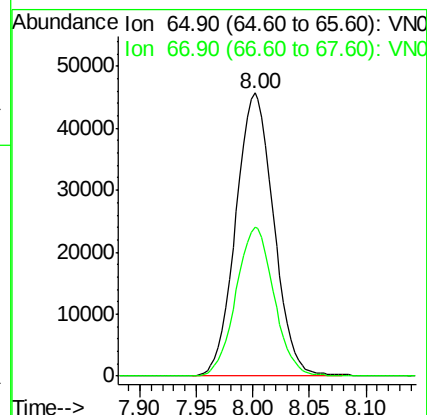
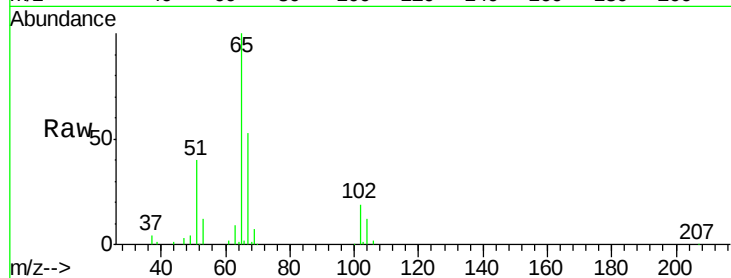
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Tot Ion: 65 Resp: 106607

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061025.D

Acq: 16 Apr 2020 20:28

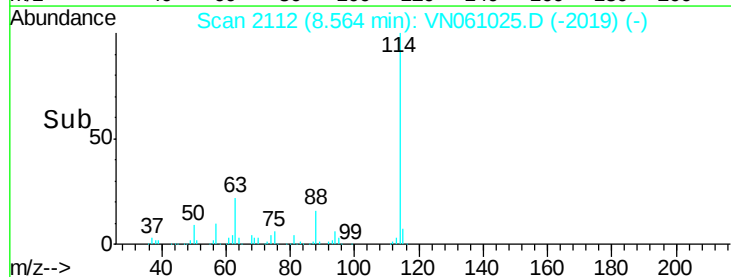
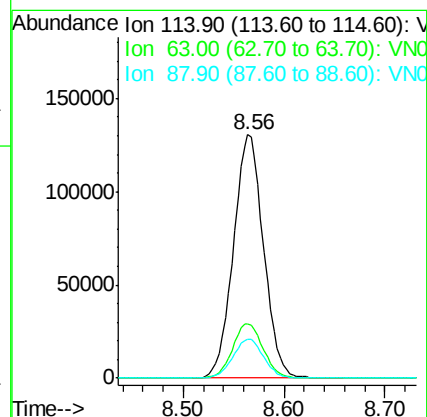
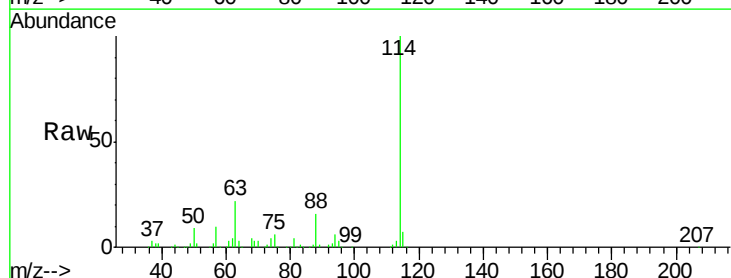
Tgt Ion: 114 Resp: 270381

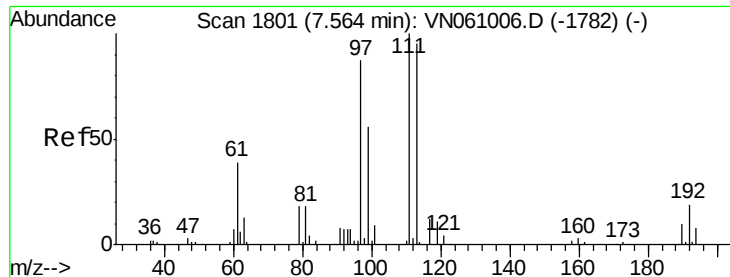
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.2

88 16.2 0.0 33.4

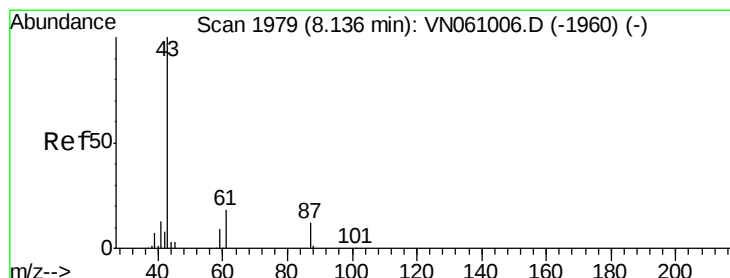
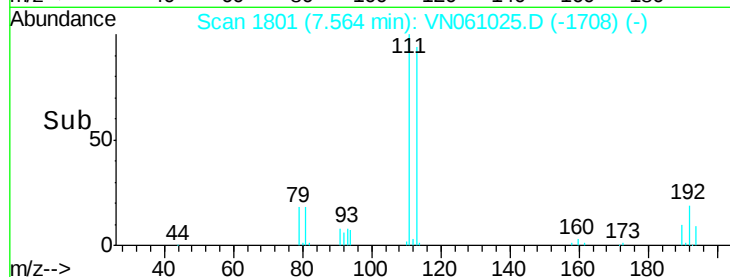
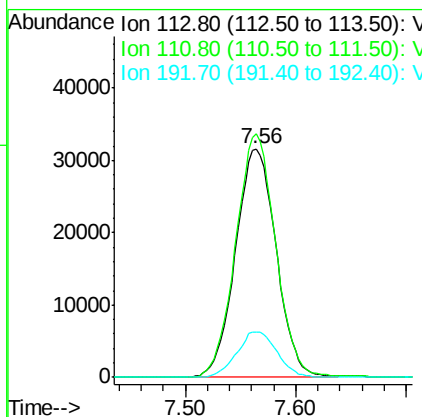
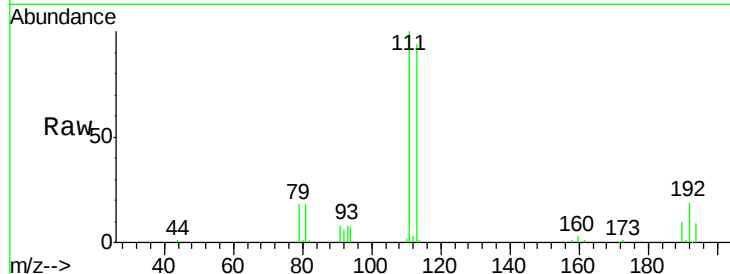




#35
 Dibromofluoromethane
 Concen: 51.050 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061025.D
 Acq: 16 Apr 2020 20:28

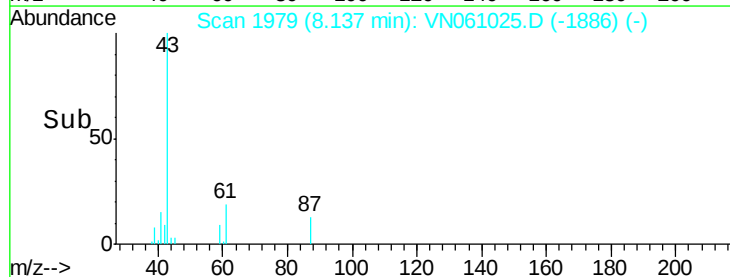
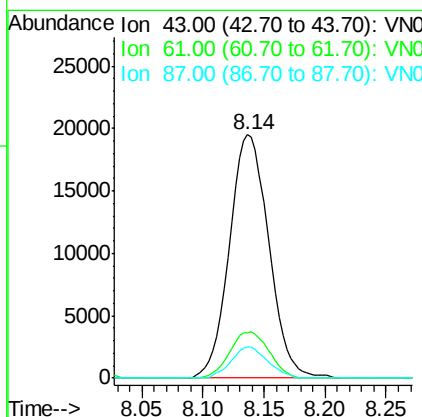
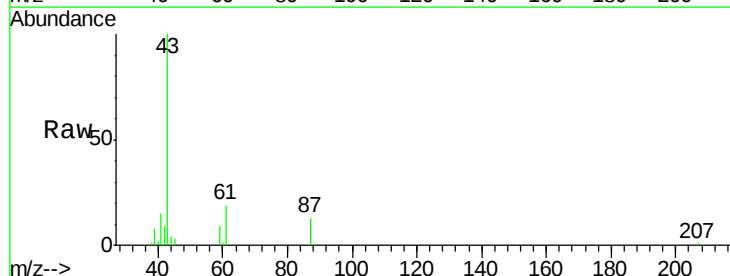
Instrument :
 MSVOA_N
 ClientSampleId :
 GLOUCESTER-SP

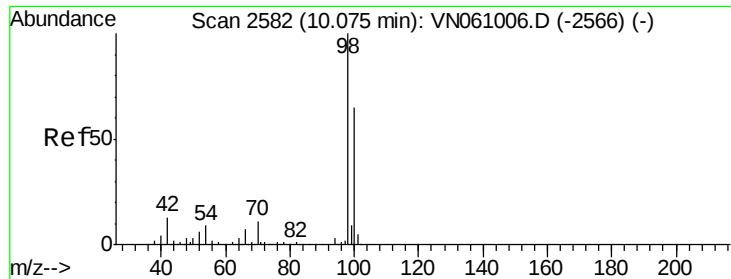
Tot Ion:113 Resp: 80607
 Ion Ratio Lower Upper
 113 100
 111 105.0 83.4 125.2
 192 19.5 15.5 23.3



#43
 Isopropyl Acetate
 Concen: 8.864 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VN061025.D
 Acq: 16 Apr 2020 20:28

Tgt Ion: 43 Resp: 43674
 Ion Ratio Lower Upper
 43 100
 61 18.9 20.3 30.5#
 87 11.9 9.4 14.2





#50

Toluene-d8

Concen: 56.116 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061025.D

Acq: 16 Apr 2020 20:28

Instrument :

MSVOA_N

ClientSampleId :

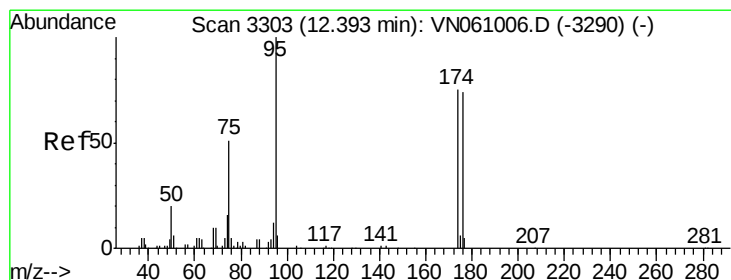
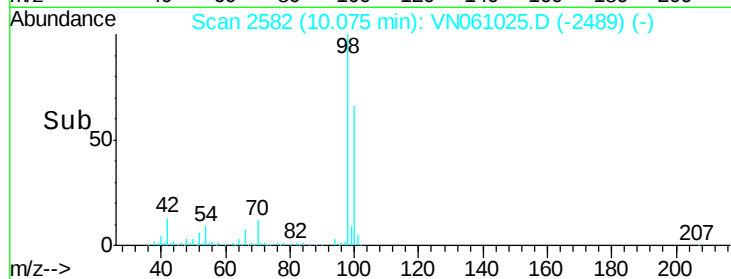
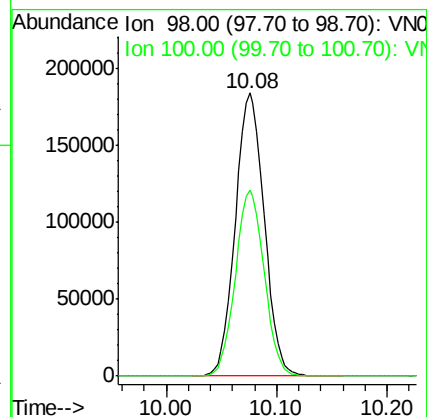
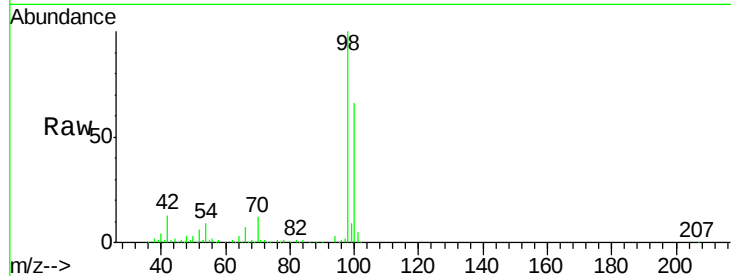
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Tot Ion: 98 Resp: 334825

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.699 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061025.D

Acq: 16 Apr 2020 20:28

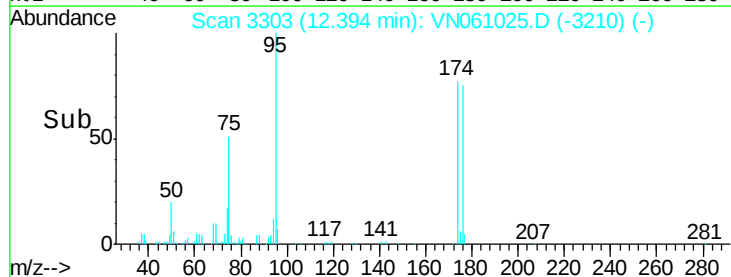
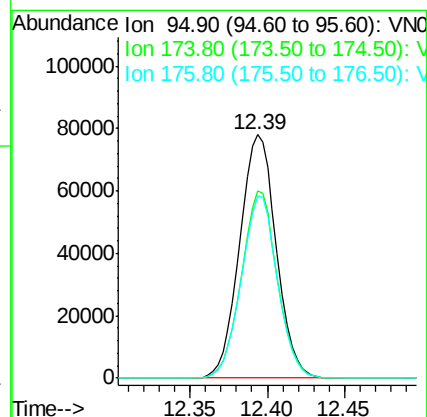
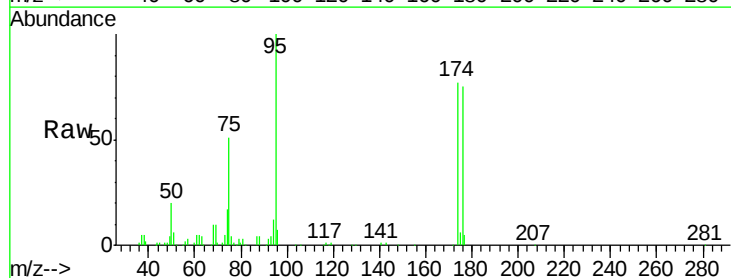
Tgt Ion: 95 Resp: 127914

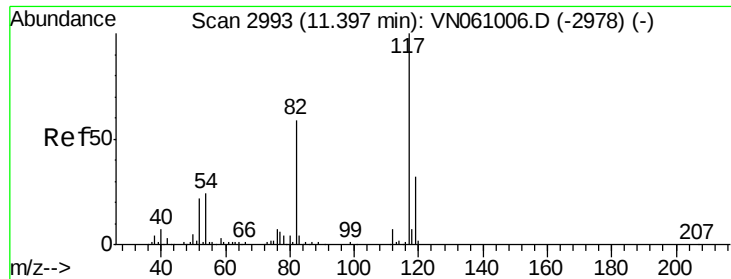
Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.2

176 74.0 0.0 148.2

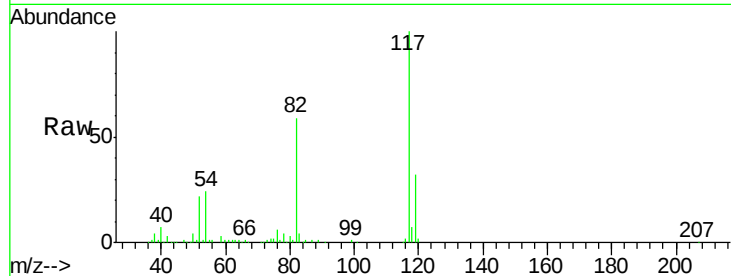




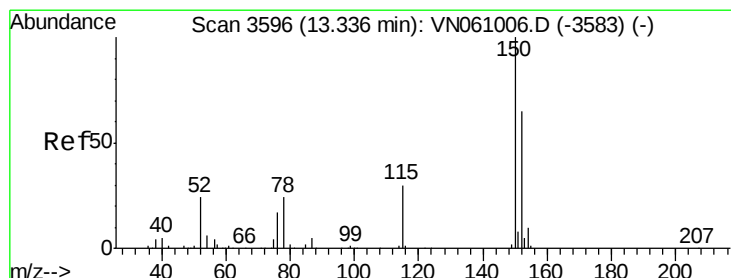
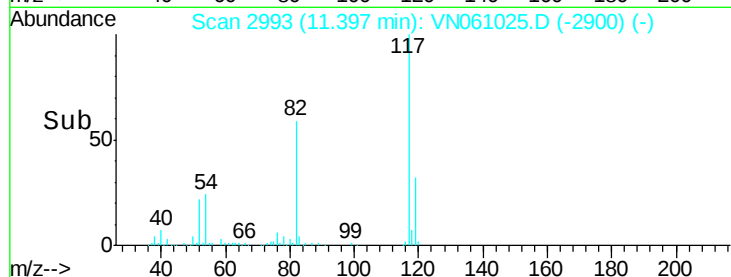
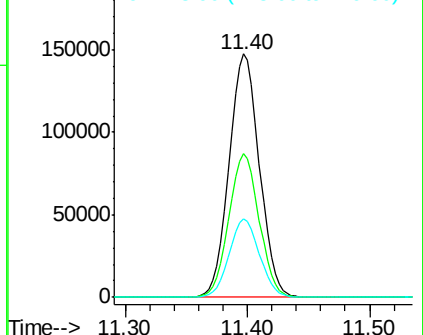
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061025.D
Acq: 16 Apr 2020 20:28

Instrument :
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ClientSampleId :
GLOUCESTER-SP

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.1	70.7
119	32.1	25.7	38.5

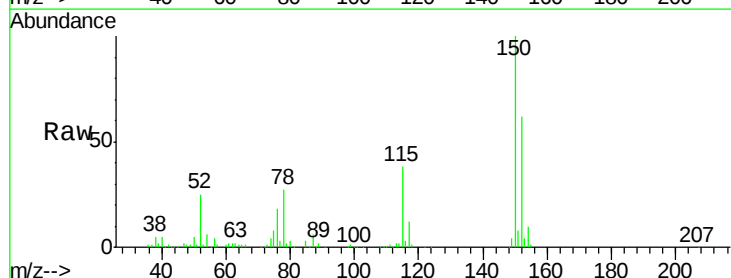


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061025.D
Acq: 16 Apr 2020 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.8	92.4
150	159.9	0.0	349.0



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

