

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060126.D
 Acq On : 17 Feb 2020 17:45
 Operator : JC/MD
 Sample : L1530-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-VCAG-200213

Manual Integrations
 APPROVED

MMDadoda
 2/18/2020 9:27:06 AM

Quant Time: Feb 18 02:46:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	173855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	283986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109552	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.57	113	84739	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
50) Toluene-d8	10.08	98	342041	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	124304	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
Target Compounds						
11) Tert butyl alcohol	4.73	59	24804	78.351	ug/l	99
16) Acetone	3.78	43	97465	105.621	ug/l	98
20) Methylene Chloride	4.53	84	2739m	1.488	ug/l	
25) 2-Butanone	6.81	43	8853	7.628	ug/l	94
43) Isopropyl Acetate	8.14	43	15444	3.800	ug/l #	85
91) 1,2-Dichlorobenzene	13.65	146	7747	1.993	ug/l	99

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

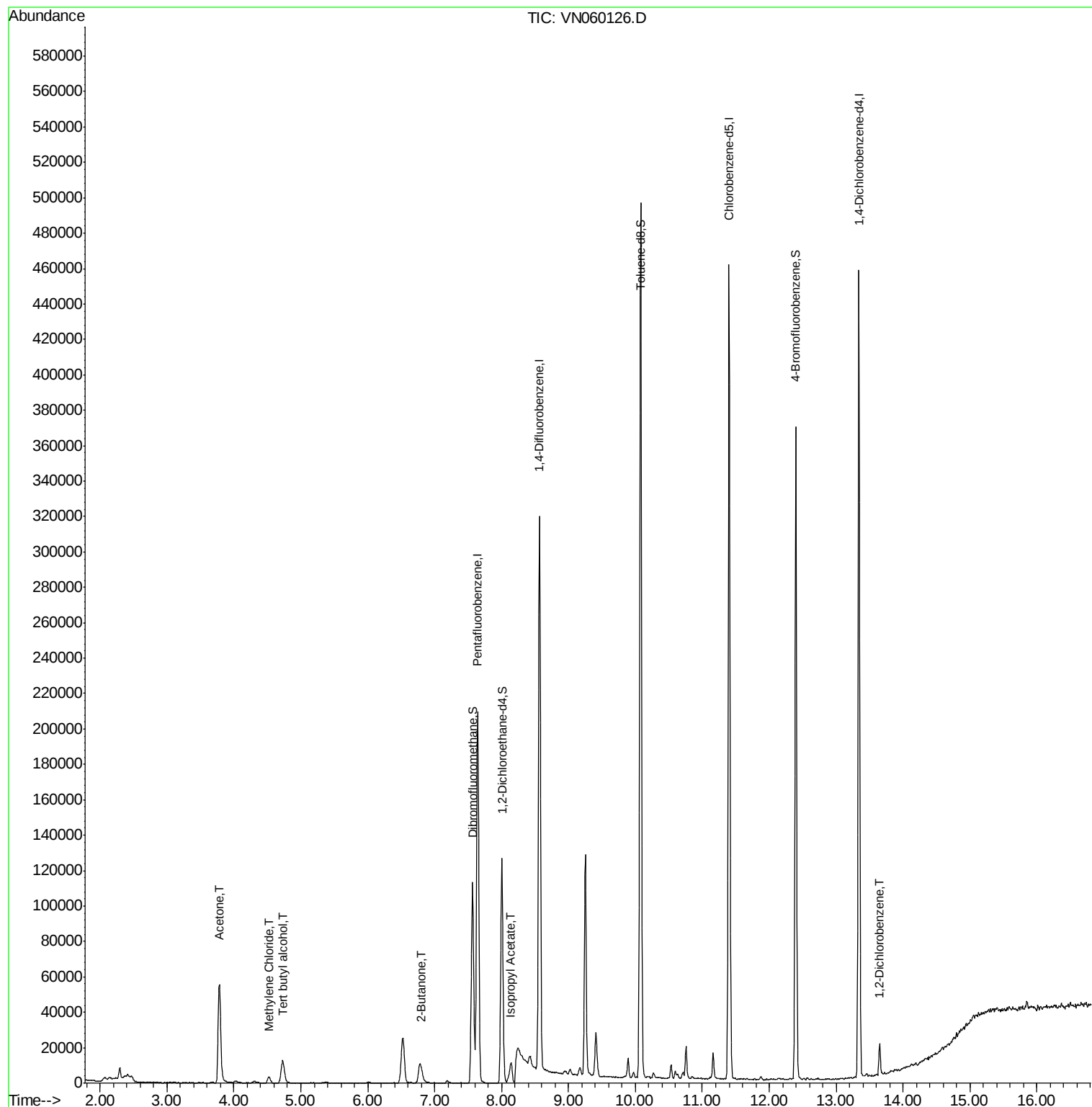
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021720\
Data File : VN060126.D
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Operator : JC/MD
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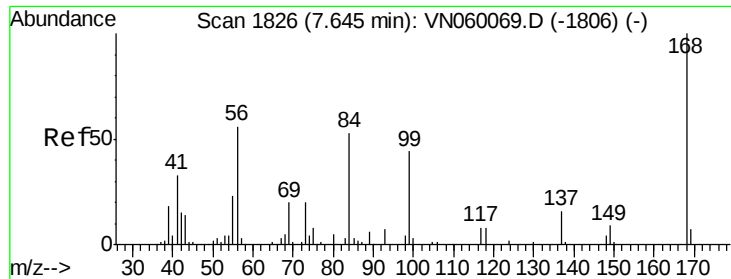
Instrument :
MSVOA_N
ClientSampleId :
IDW-VCAG-200213

Manual Integrations
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2/18/2020 9:27:06 AM

Quant Time: Feb 18 02:46:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

IDW-VCAG-200213

Tot Ion:168 Resp: 173855

Ion Ratio Lower Upper

168 100

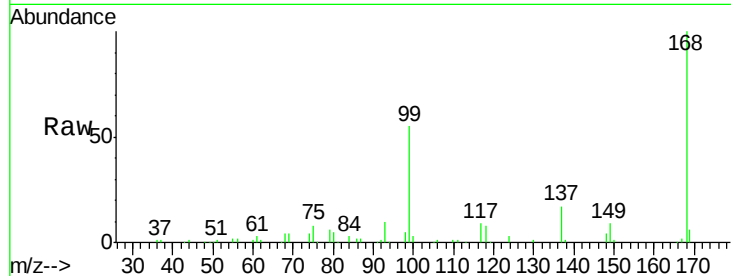
99 54.8 42.7 64.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

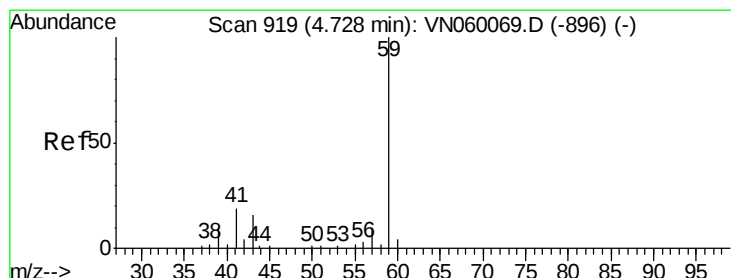
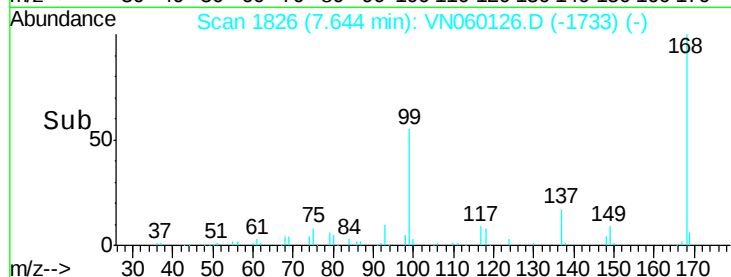
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 78.351 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060126.D

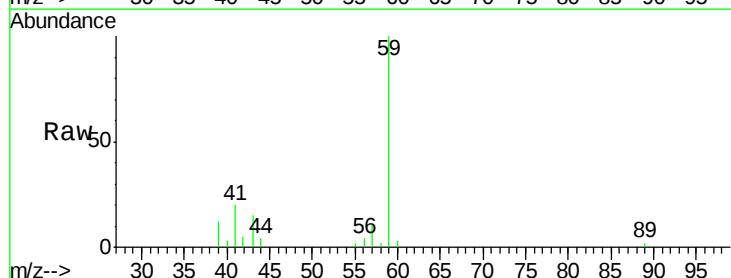
Acq: 17 Feb 2020 17:45

Tgt Ion: 59 Resp: 24804

Ion Ratio Lower Upper

59 100

57 9.8 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

8000

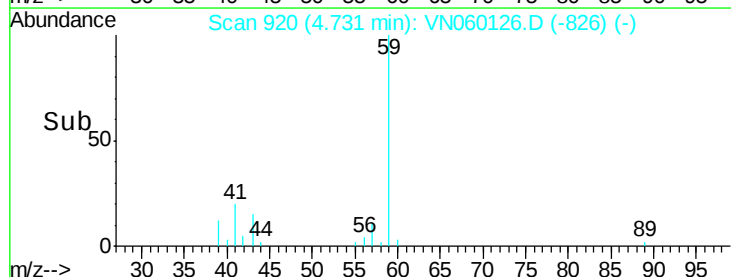
6000

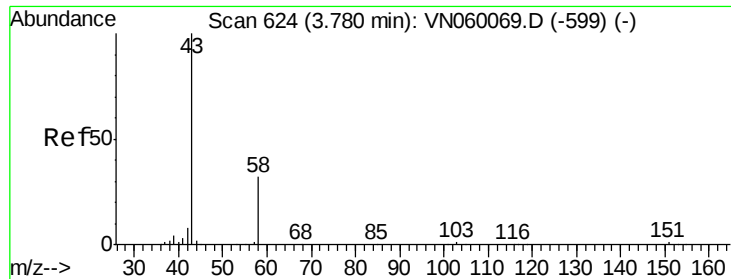
4000

2000

0

Time--> 4.60 4.70 4.80





#16

Acetone

Concen: 105.621 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

IDW-VCAG-200213

Tot Ion: 43 Resp: 97465

Ion Ratio Lower Upper

43 100

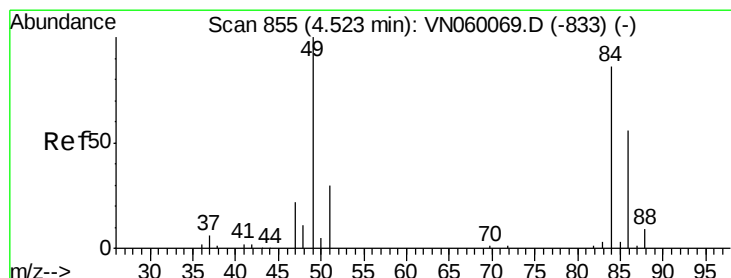
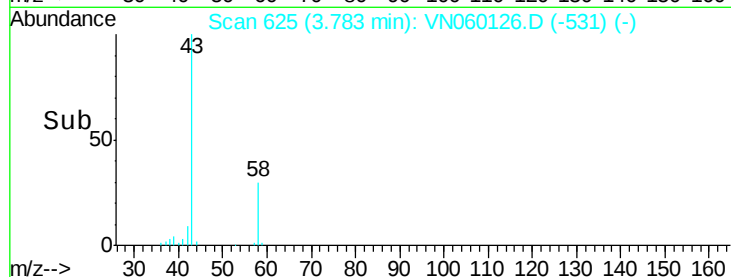
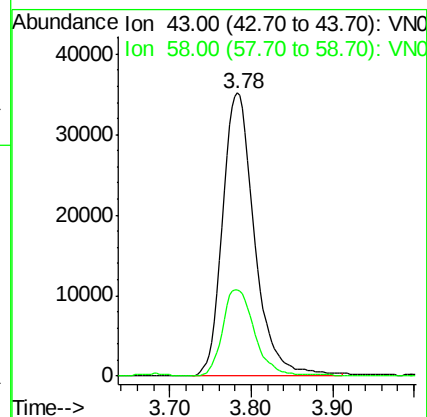
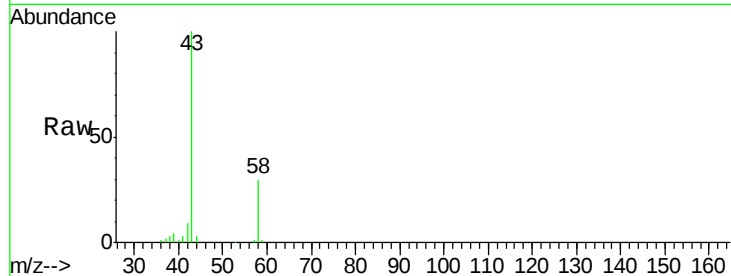
58 30.4 25.2 37.8

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#20

Methylene Chloride

Concen: 1.488 ug/l m

RT: 4.53 min Scan# 858

Delta R.T. 0.01 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Tgt Ion: 84 Resp: 2739

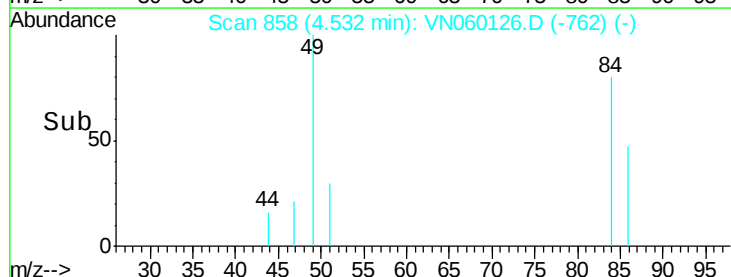
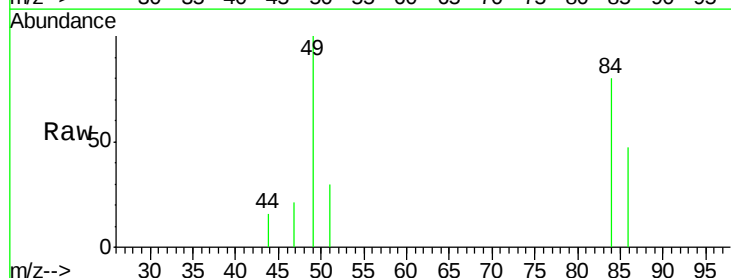
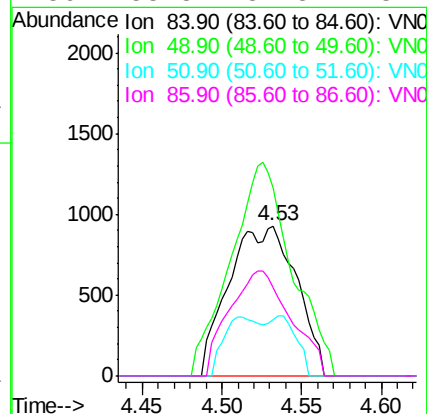
Ion Ratio Lower Upper

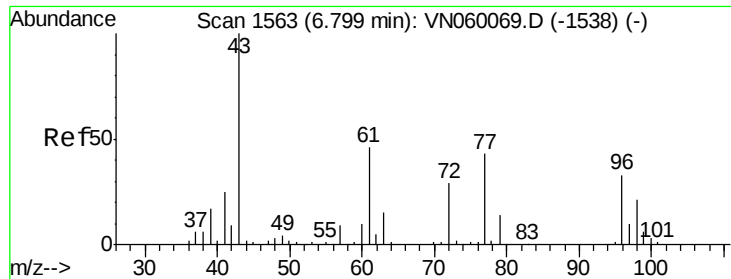
84 100

49 125.2 93.4 140.0

51 37.9 28.4 42.6

86 58.8 52.5 78.7





#25

2-Butanone

Concen: 7.628 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

IDW-VCAG-200213

Tot Ion: 43 Resp: 8853

Ion Ratio Lower Upper

43 100

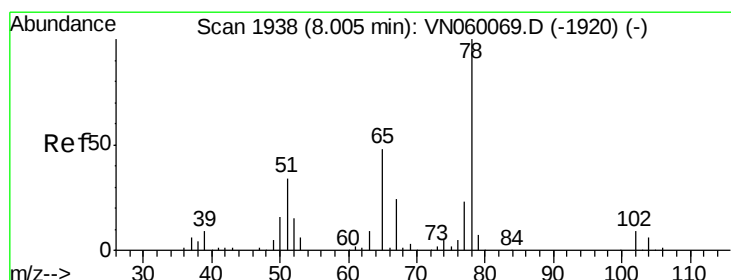
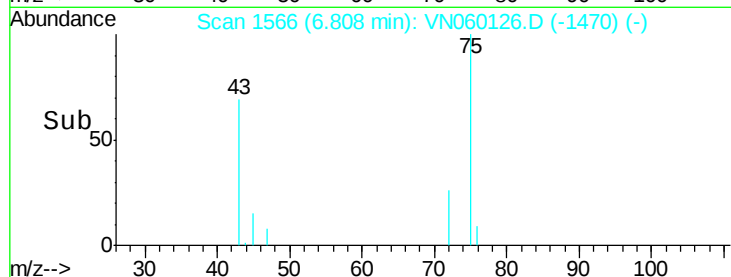
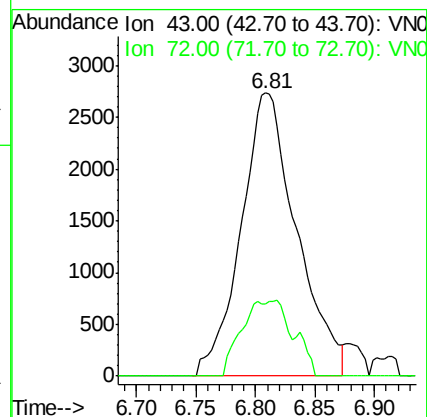
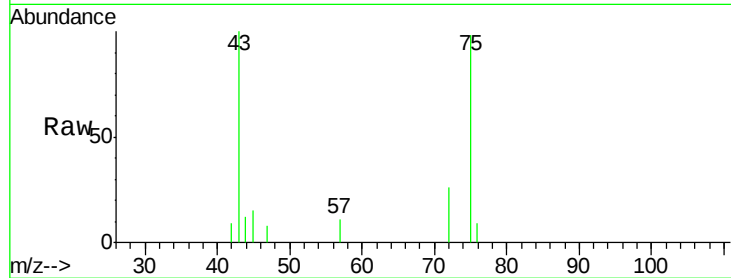
72 25.7 23.3 34.9

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#33

1,2-Dichloroethane-d4

Concen: 51.785 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060126.D

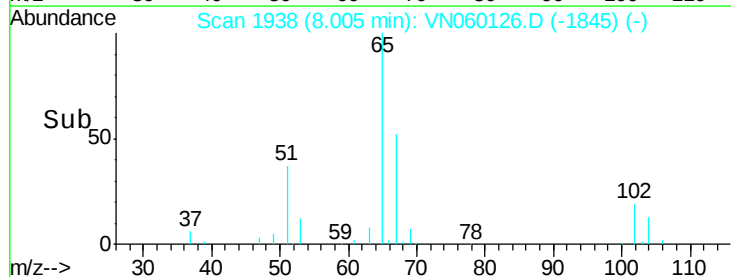
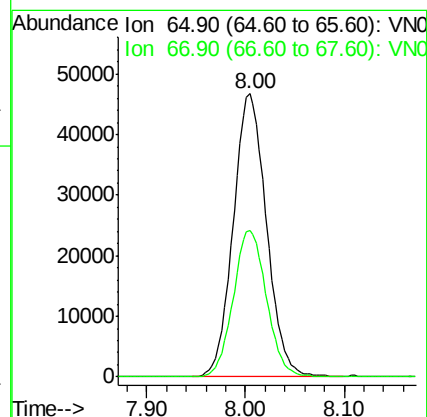
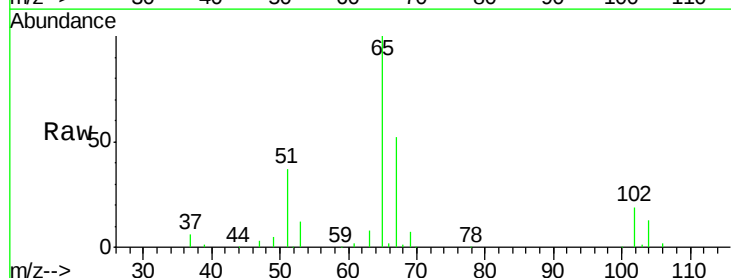
Acq: 17 Feb 2020 17:45

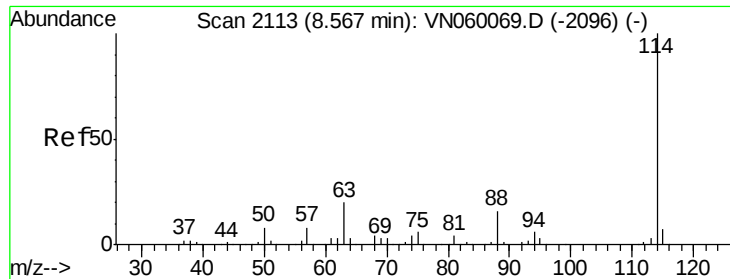
Tgt Ion: 65 Resp: 109552

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0





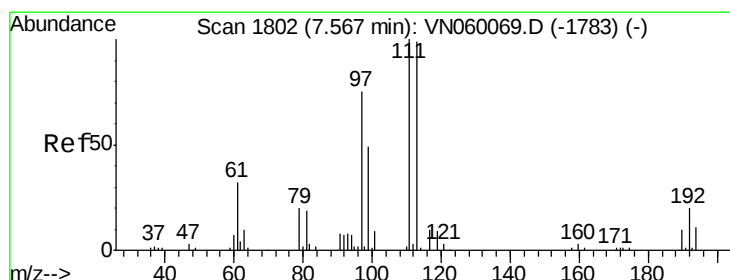
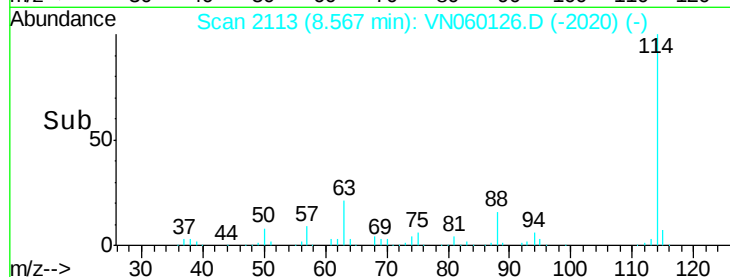
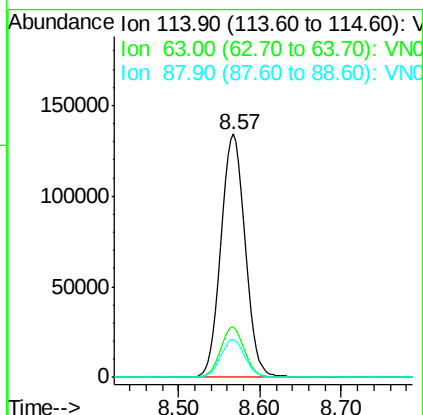
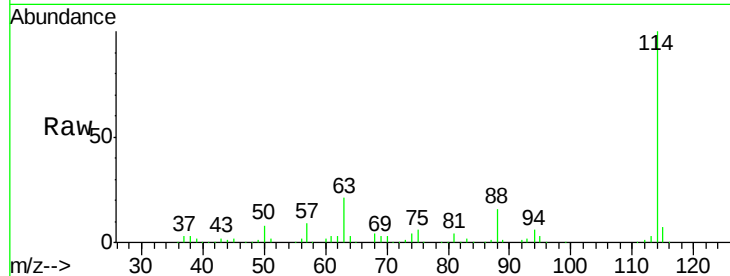
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060126.D
Acq: 17 Feb 2020 17:45

Instrument :
MSVOA_N
ClientSampleId :
IDW-VCAG-200213

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.6	0.0	40.0
88	15.6	0.0	31.6

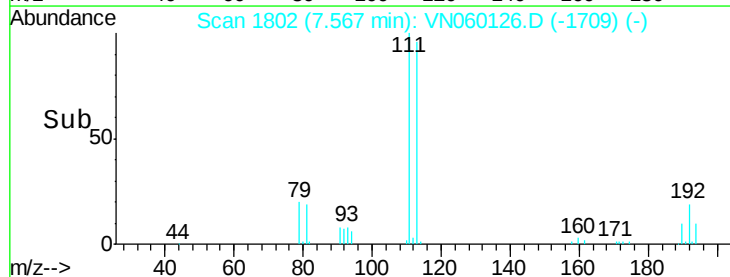
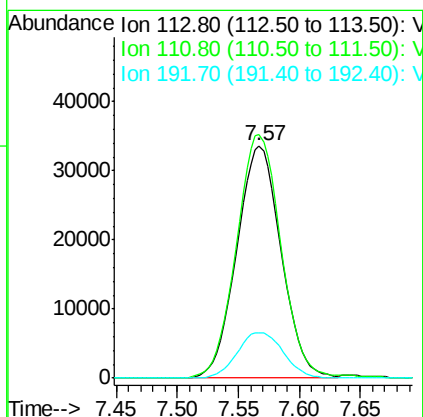
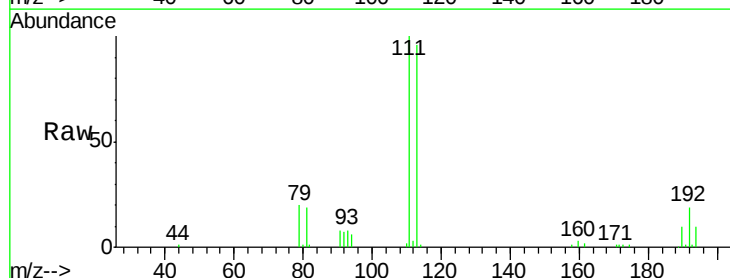
Manual Integrations
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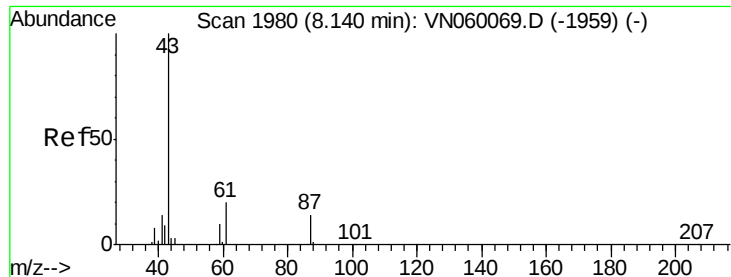
MMDadoda
2/18/2020 9:27:06 AM



#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060126.D
Acq: 17 Feb 2020 17:45

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	105.8	81.4	122.2
192	20.3	16.2	24.2





#43

Isopropyl Acetate

Concen: 3.800 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

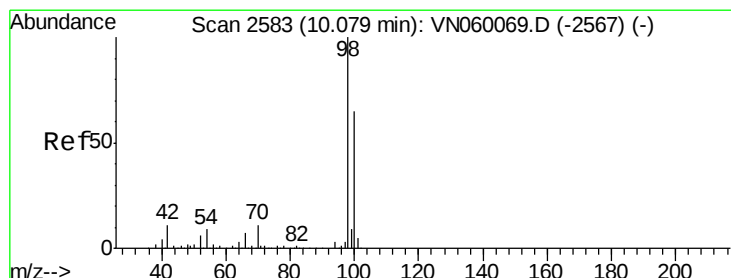
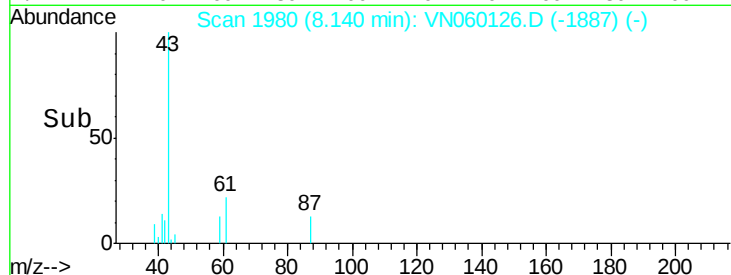
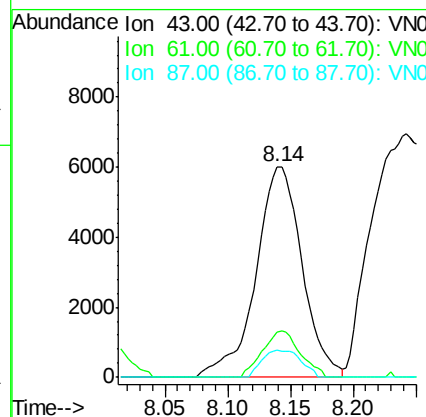
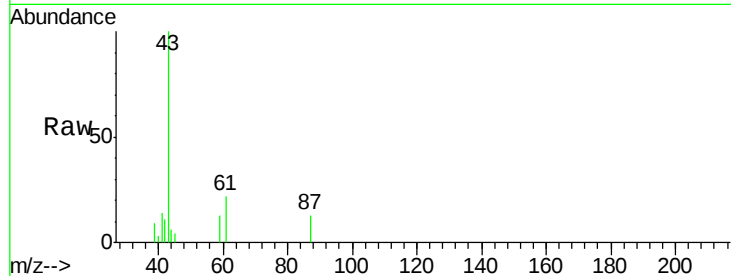
ClientSampleId :

IDW-VCAG-200213

Tot Ion:	43	Resp:	15444
Ion	Ratio	Lower	Upper
43	100		
61	17.9	21.8	32.6#
87	10.8	11.4	17.2#

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#50

Toluene-d8

Concen: 49.756 ug/l

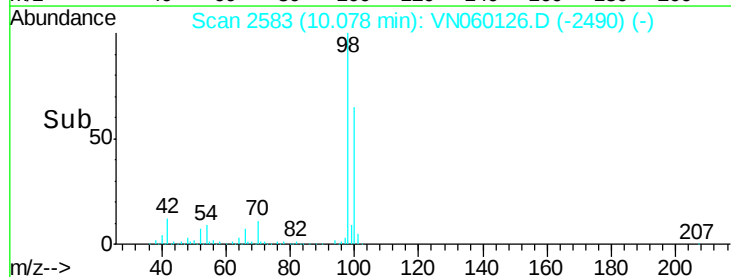
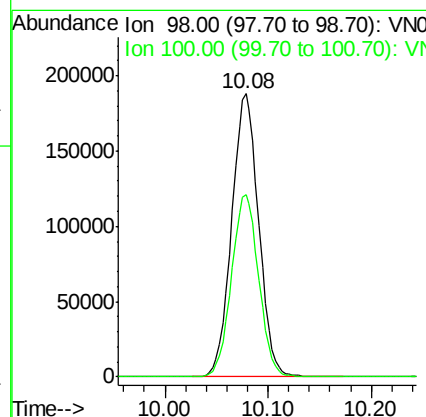
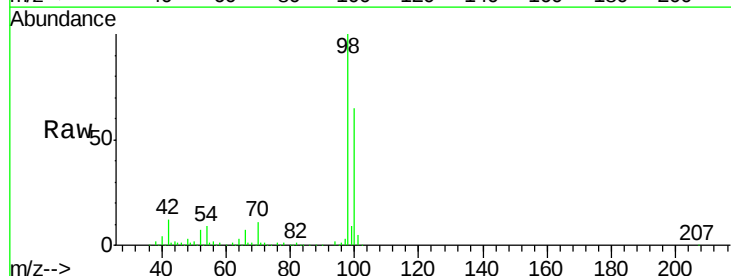
RT: 10.08 min Scan# 2583

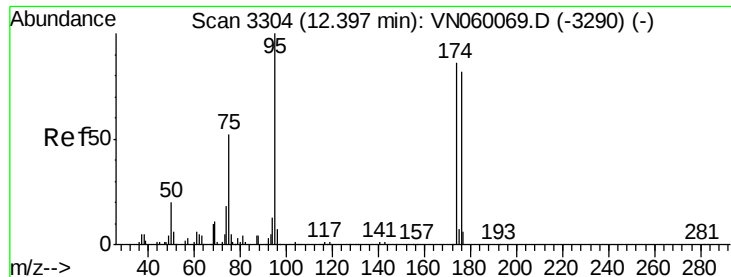
Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Tgt Ion:	98	Resp:	342041
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 49.210 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

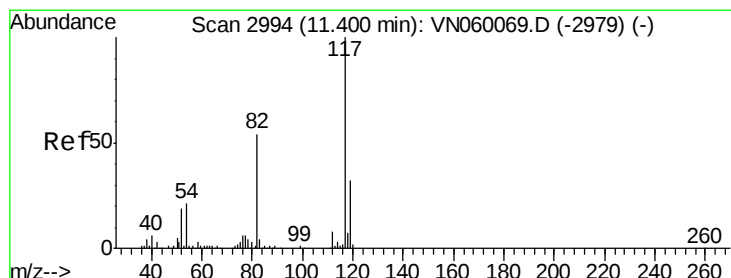
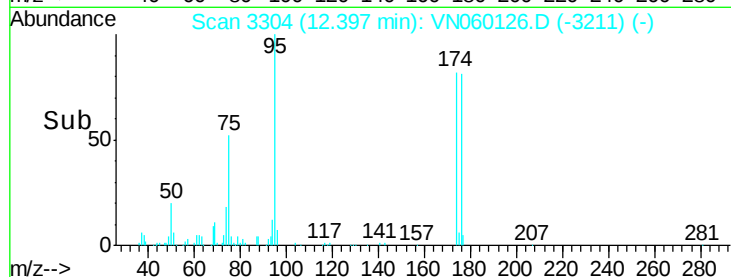
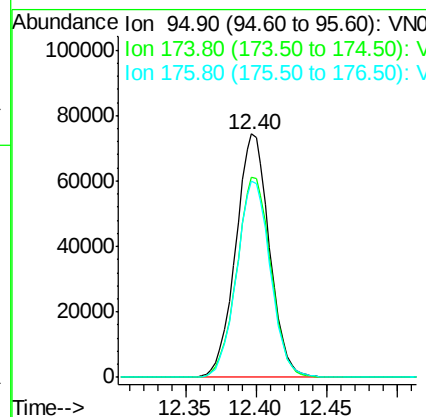
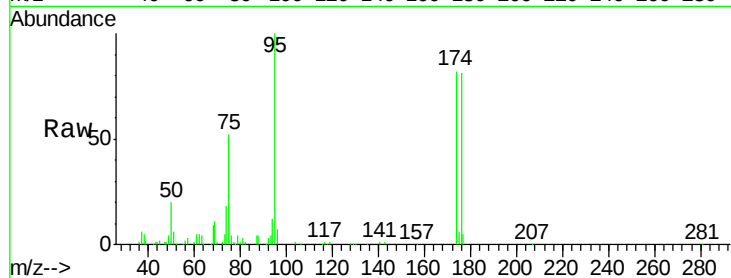
ClientSampleId :

IDW-VCAG-200213

Tot Ion:	95	Resp:	124304
Ion Ratio	Lower	Upper	
95	100		
174	82.8	0.0	169.8
176	80.7	0.0	164.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

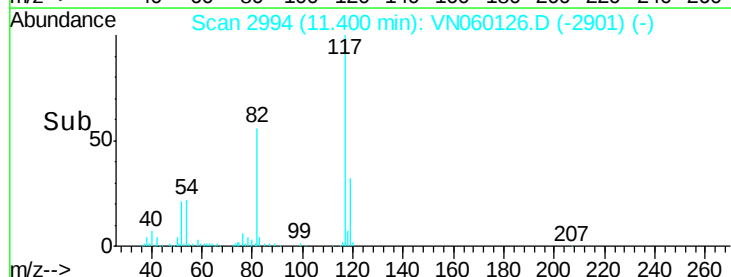
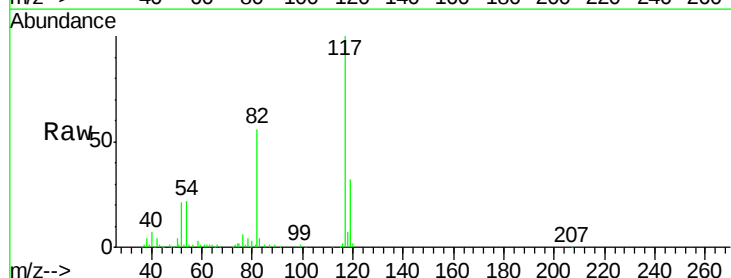
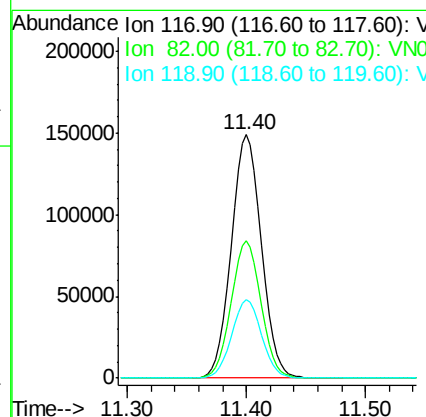
RT: 11.40 min Scan# 2994

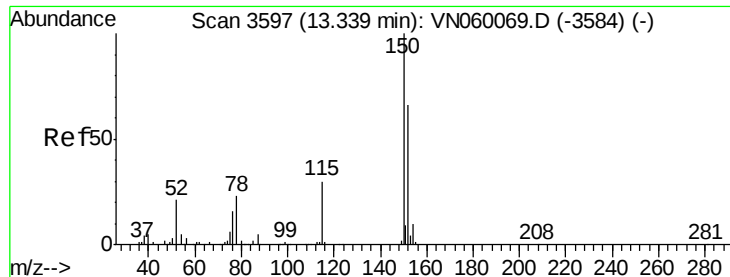
Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Tgt Ion:	117	Resp:	260714
Ion Ratio	Lower	Upper	
117	100		
82	56.5	43.4	65.0
119	32.3	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Instrument :

MSVOA_N

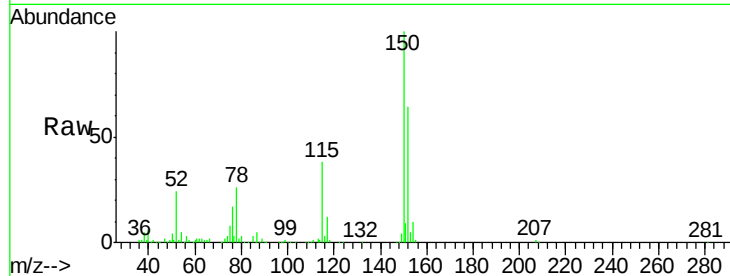
ClientSampleId :

IDW-VCAG-200213

Tot Ion:	152	Resp:	121070
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.9	86.8
150	156.3	0.0	342.4

Manual Integrations
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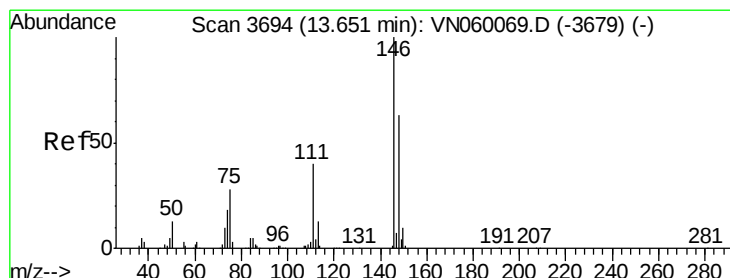
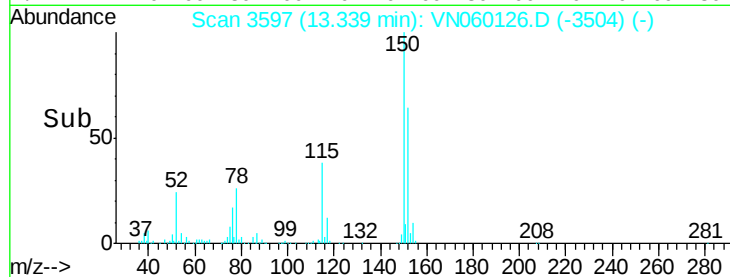
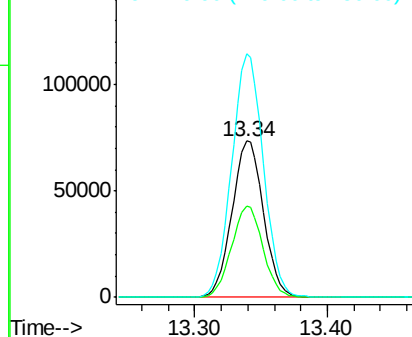


Abundance

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



#91

1,2-Dichlorobenzene

Concen: 1.993 ug/l

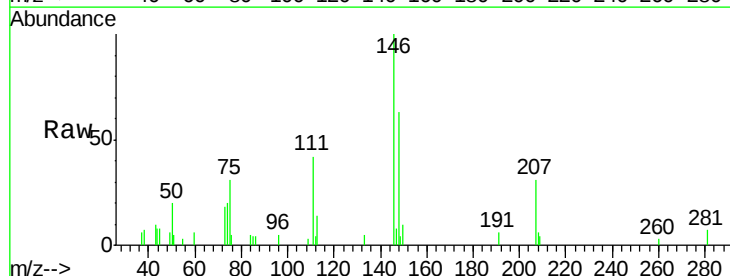
RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN060126.D

Acq: 17 Feb 2020 17:45

Tgt Ion:	146	Resp:	7747
Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	65.0	31.9	95.5



Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

