

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031220\
 Data File : VN060466.D
 Acq On : 12 Mar 2020 10:00
 Operator : JC/MD
 Sample : VN0312WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBL01

Quant Time: Mar 13 02:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	122697	50.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.58%	
35) Dibromofluoromethane	7.56	113	92238	63.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	126.56%	
50) Toluene-d8	10.08	98	386780	52.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.40	95	139608	49.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.84%	

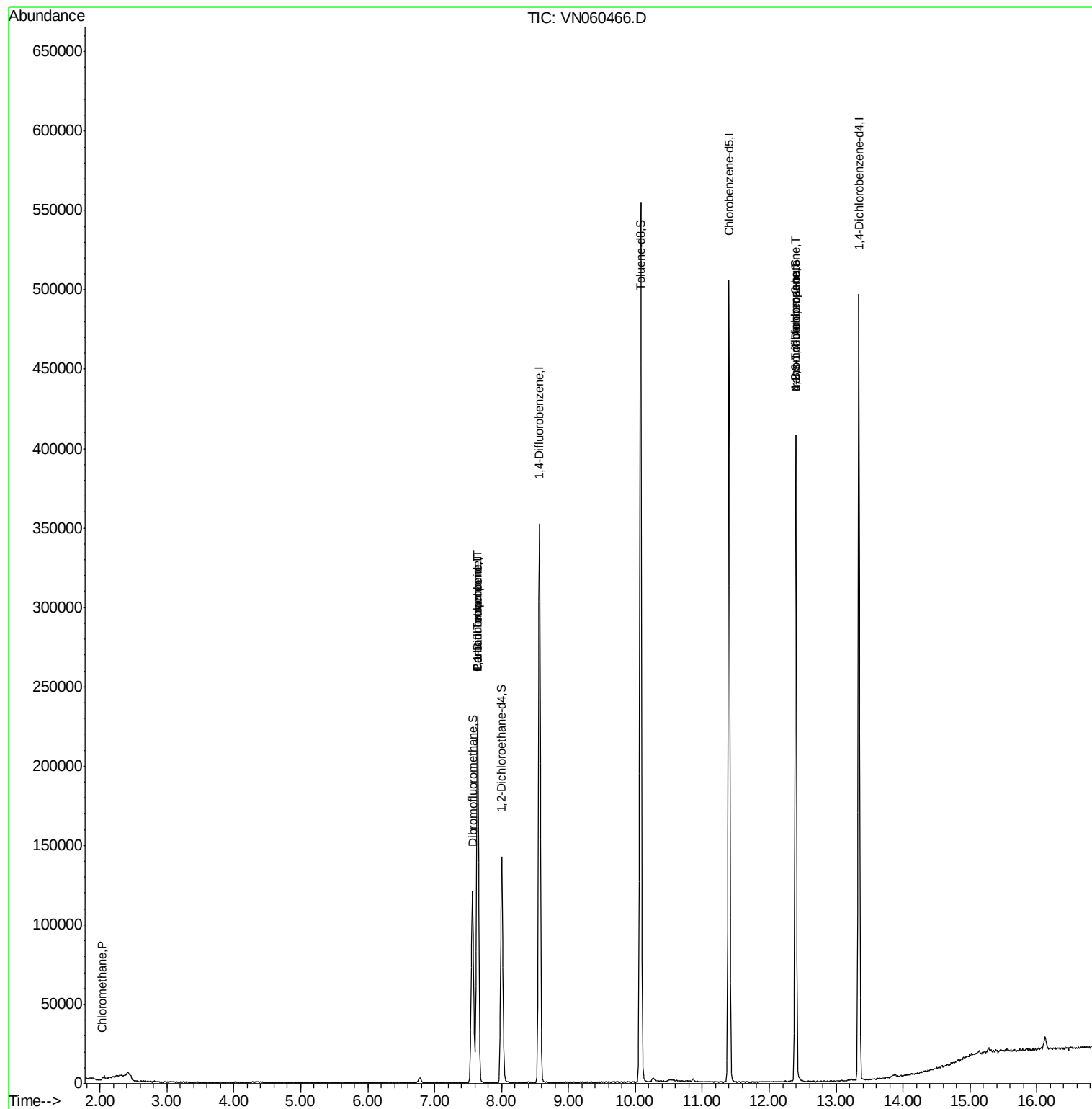
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1091	0.36	ug/l	# 80
17) Carbon Disulfide	4.04	76	254	Below	Cal	# 75
31) Cyclohexane	7.64	56	3960	Below	Cal	# 1
36) 1,1-Dichloropropene	7.64	75	14478	4.84	ug/l	# 49
38) Carbon Tetrachloride	7.64	117	18451	6.33	ug/l	# 15
76) 1,2,3-Trichloropropane	12.39	75	71906	26.08	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.39	75	71906	72.00	ug/l	# 8
87) 1,3-Dichlorobenzene	13.28	146	232	Below	Cal	# 25
88) 1,4-Dichlorobenzene	13.35	146	228	Below	Cal	# 33
95) Naphthalene	15.13	128	1334	Below	Cal	# 69
96) 1,2,3-Trichlorobenzene	15.31	180	367	Below	Cal	# 85

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

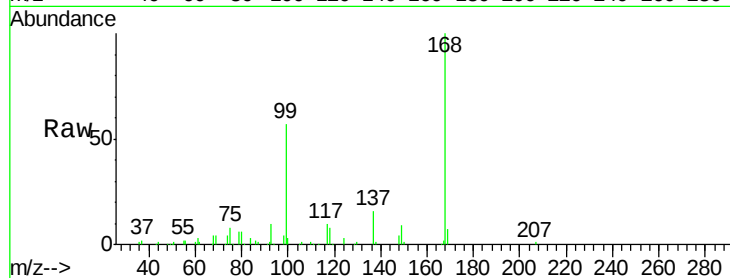
VN0312WBL01

Tgt Ion:168 Resp: 190170

Ion Ratio Lower Upper

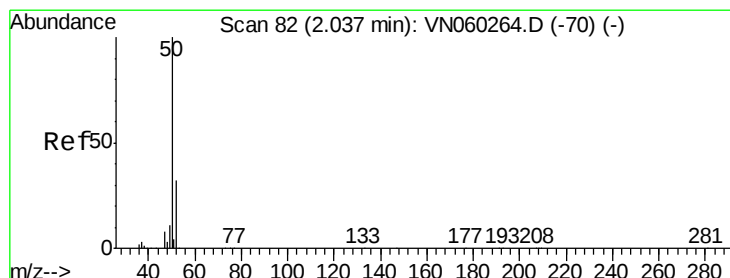
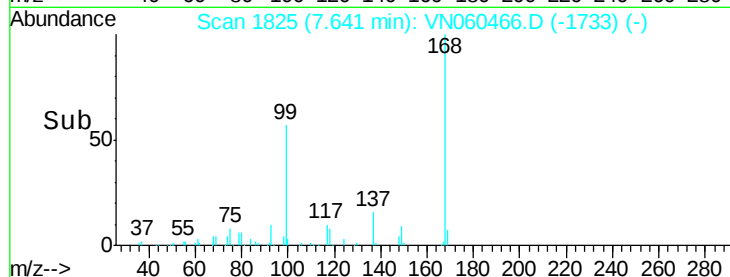
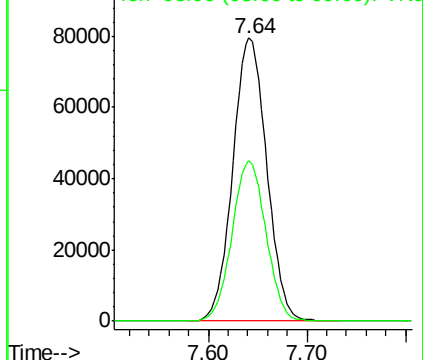
168 100

99 56.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.36 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060466.D

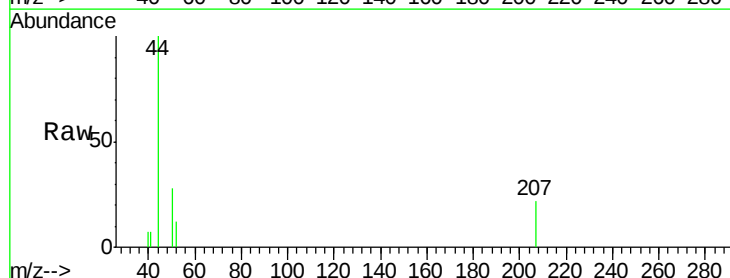
Acq: 12 Mar 2020 10:00

Tgt Ion: 50 Resp: 1091

Ion Ratio Lower Upper

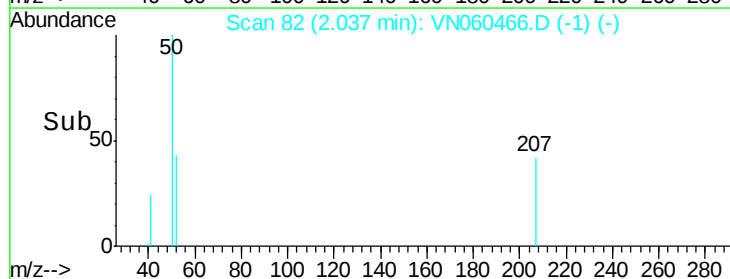
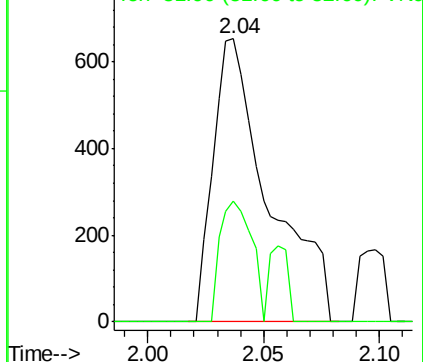
50 100

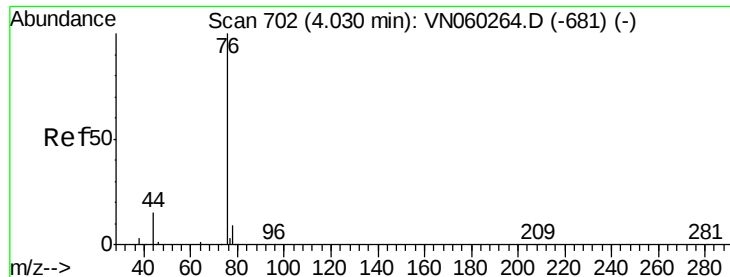
52 42.9 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

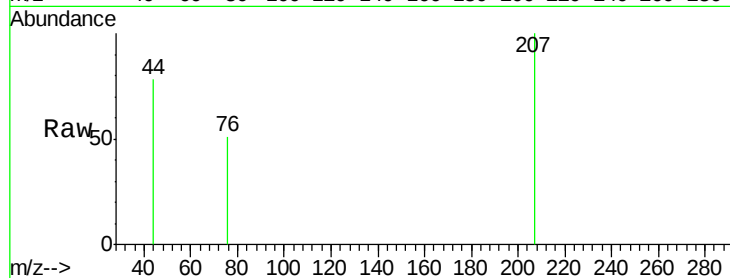
VN0312WBL01

Tgt Ion: 76 Resp: 254

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

200

150

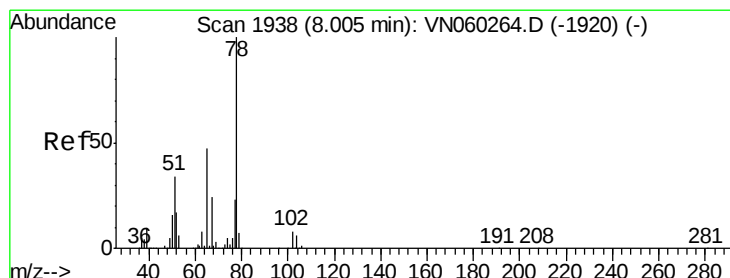
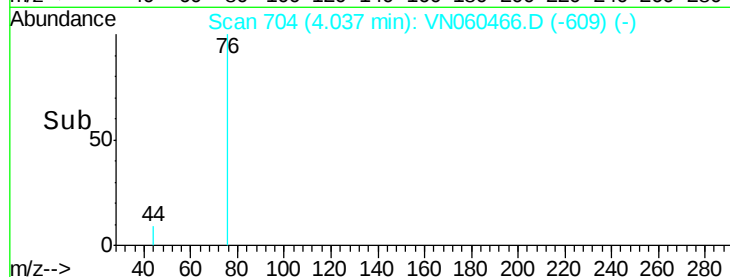
100

50

0

4.02 4.04 4.06

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.29 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060466.D

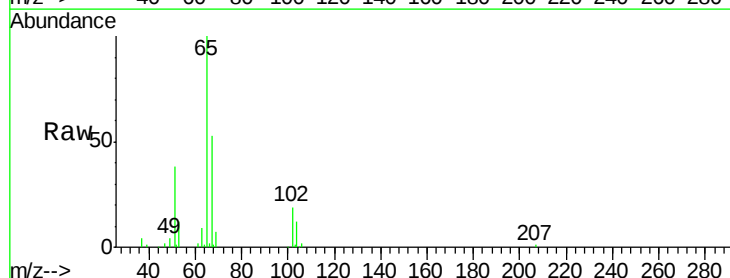
Acq: 12 Mar 2020 10:00

Tgt Ion: 65 Resp: 122697

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.00

60000

50000

40000

30000

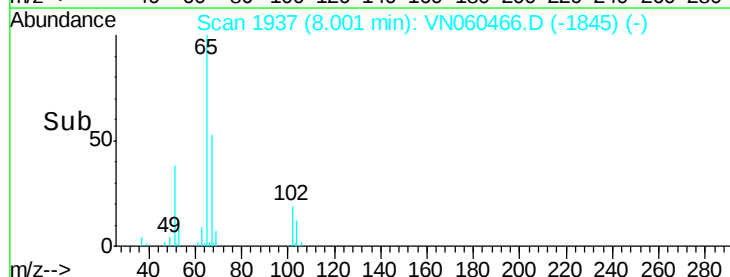
20000

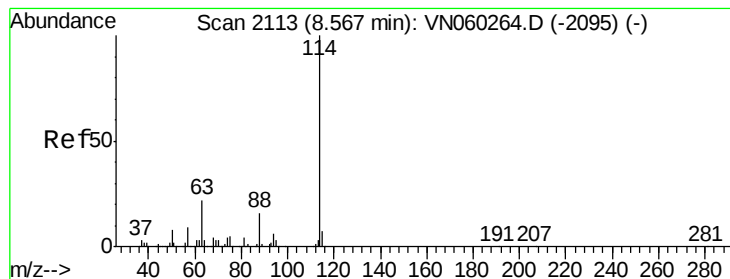
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBL01

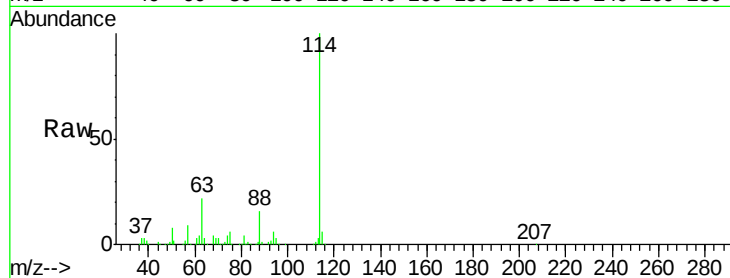
Tgt Ion:114 Resp: 314026

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

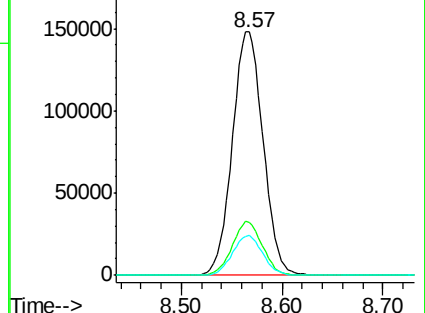
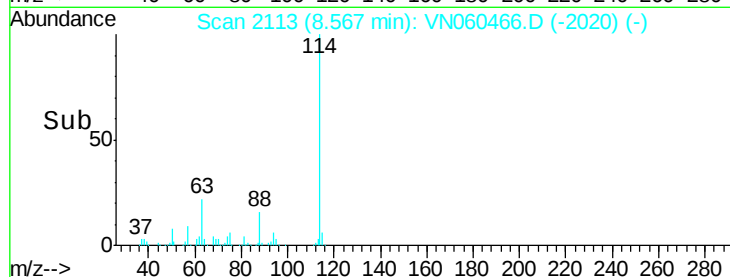
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 63.28 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

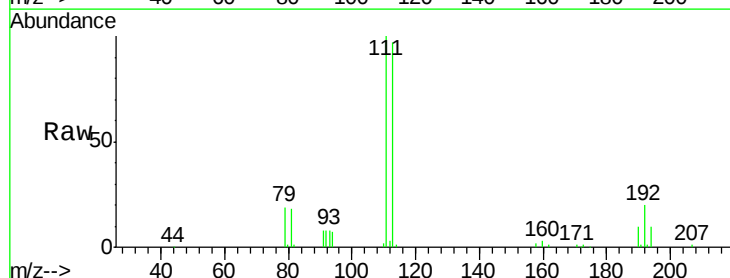
Tgt Ion:113 Resp: 92238

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

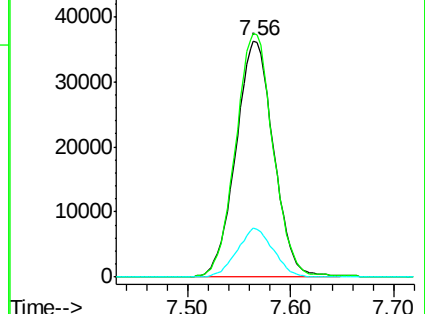
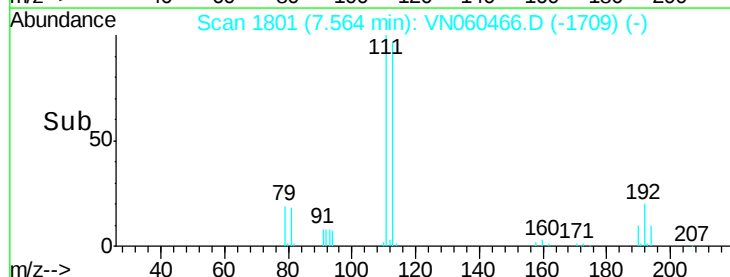
192 20.0 16.2 24.2

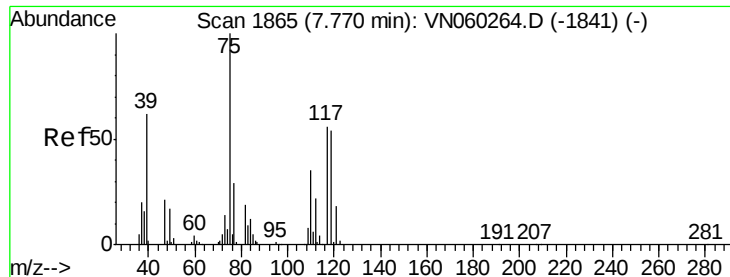


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

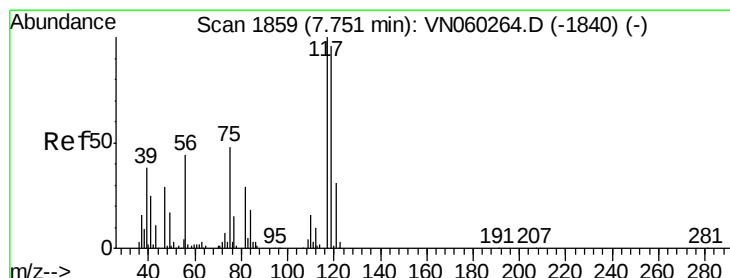
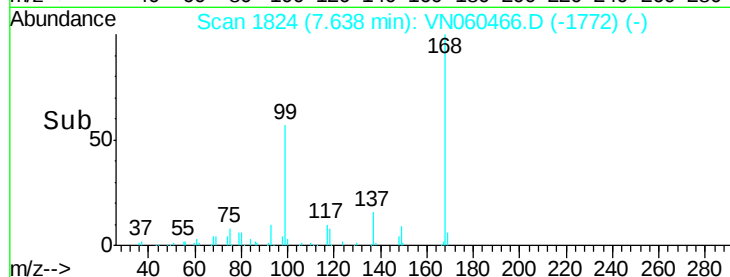
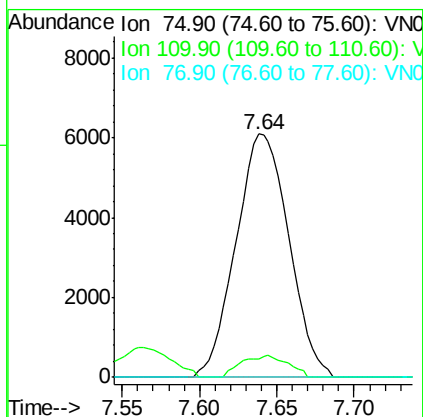
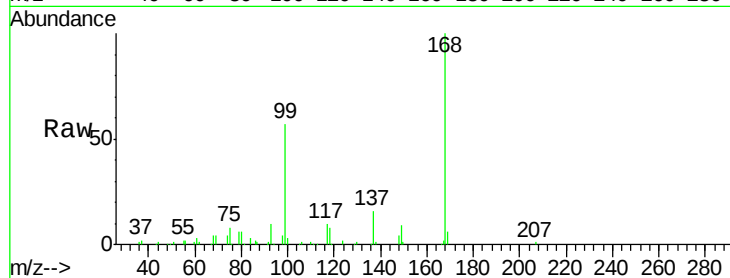




#36
 1,1-Dichloropropene
 Concen: 4.84 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN060466.D
 Acq: 12 Mar 2020 10:00

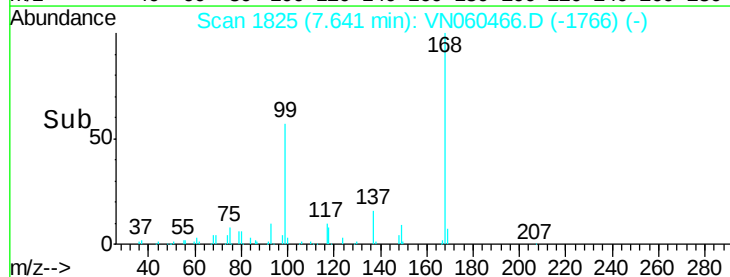
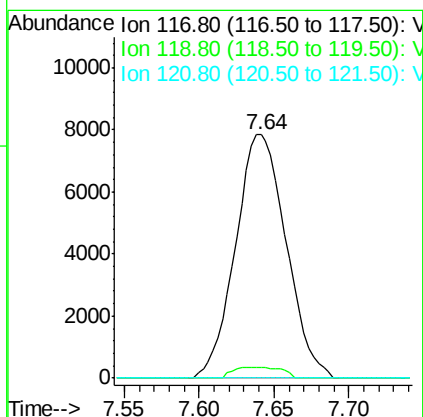
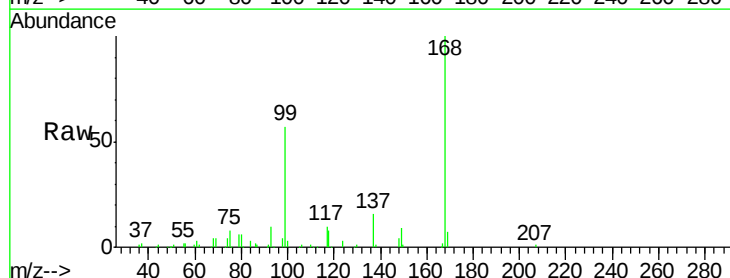
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0312WBL01

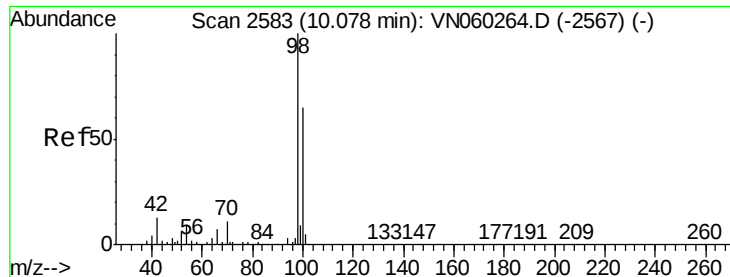
Tgt Ion: 75 Resp: 14478
 Ion Ratio Lower Upper
 75 100
 110 7.9 17.3 52.0#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 6.33 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060466.D
 Acq: 12 Mar 2020 10:00

Tgt Ion: 117 Resp: 18451
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.7 115.1#
 121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 52.43 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

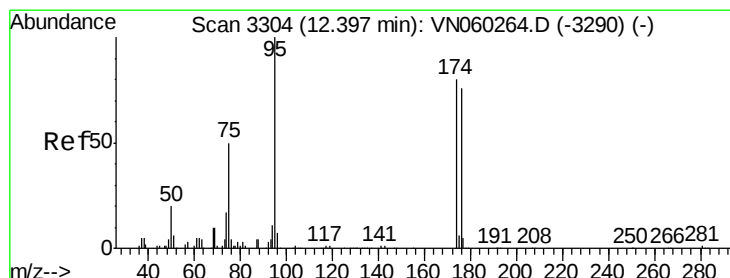
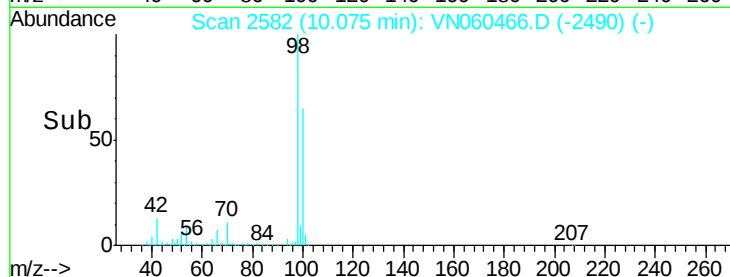
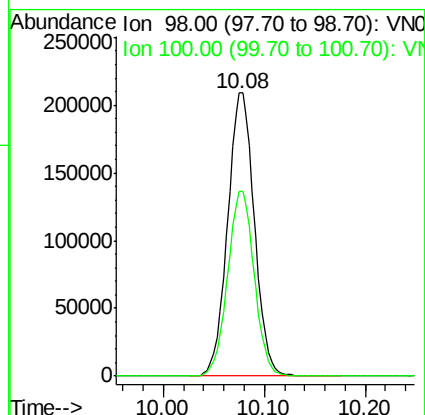
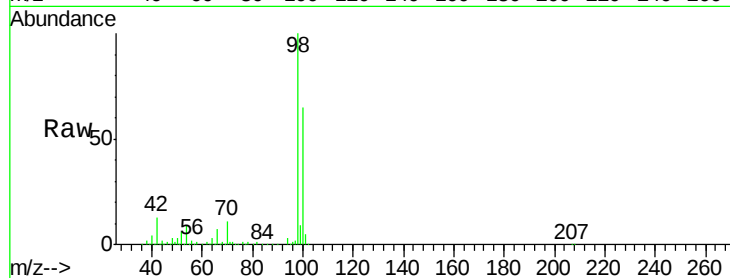
VN0312WBL01

Tgt Ion: 98 Resp: 386780

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.92 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

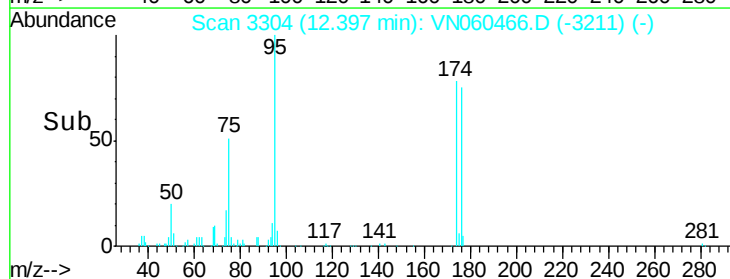
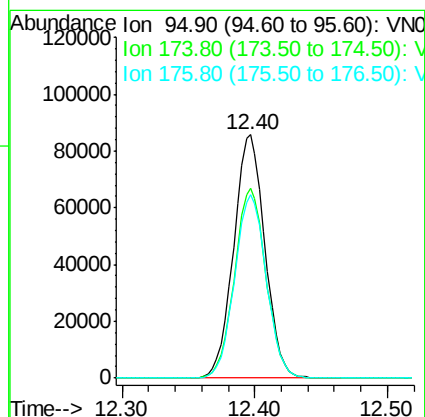
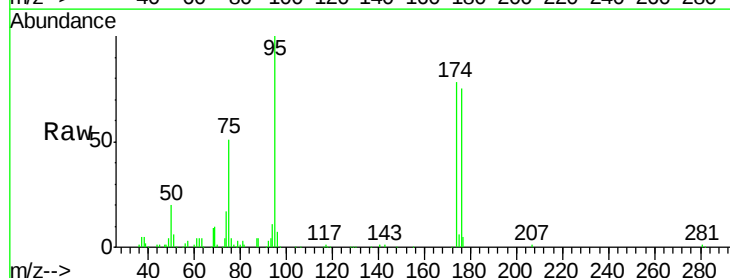
Tgt Ion: 95 Resp: 139608

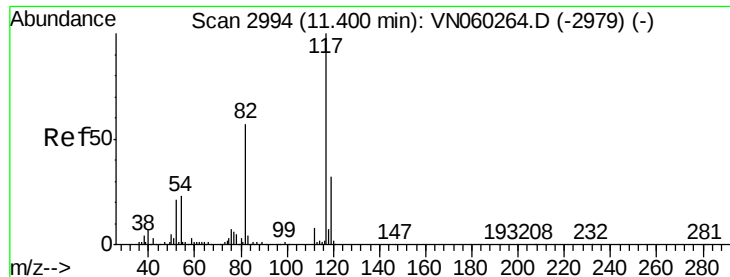
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.2

176 76.5 0.0 153.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBL01

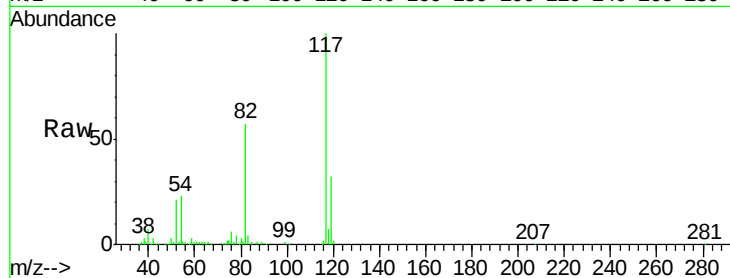
Tgt Ion:117 Resp: 289712

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

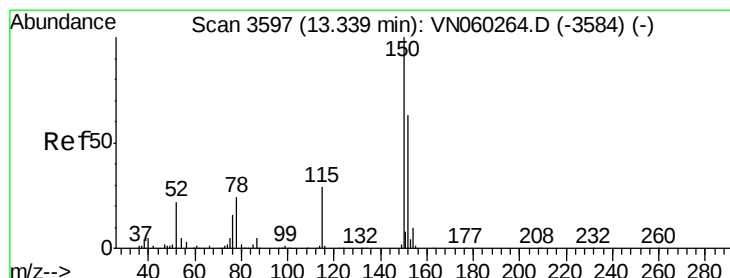
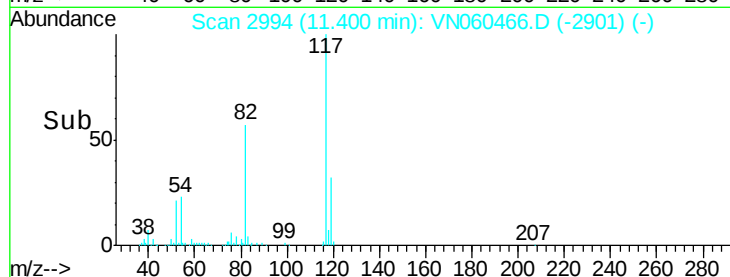
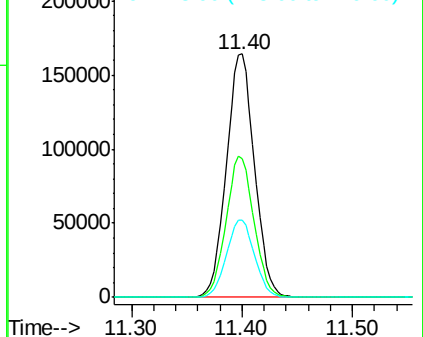
119 31.7 25.8 38.8



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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

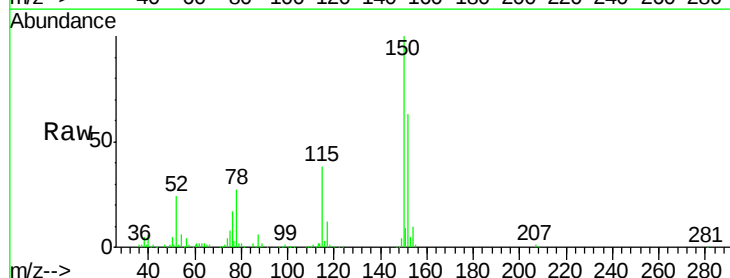
Tgt Ion:152 Resp: 125662

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

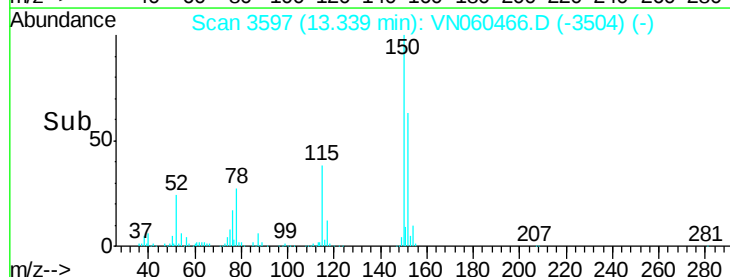
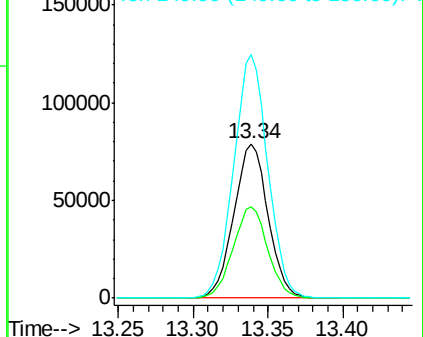
150 157.6 0.0 349.6

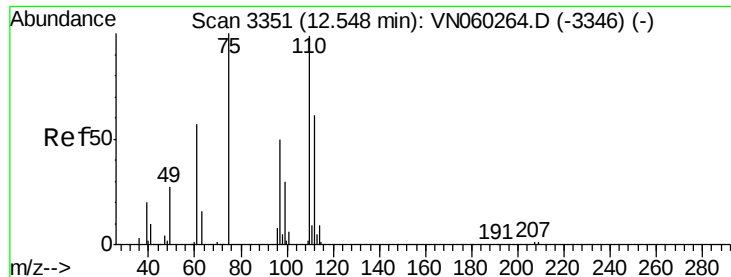


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.08 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

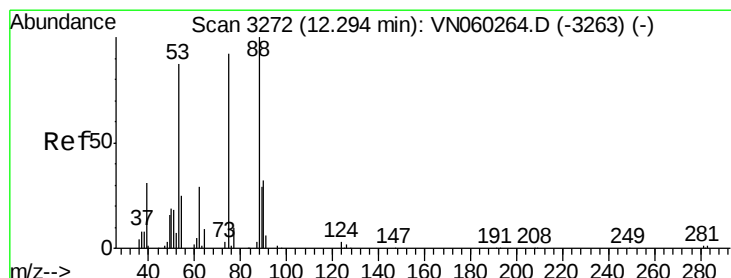
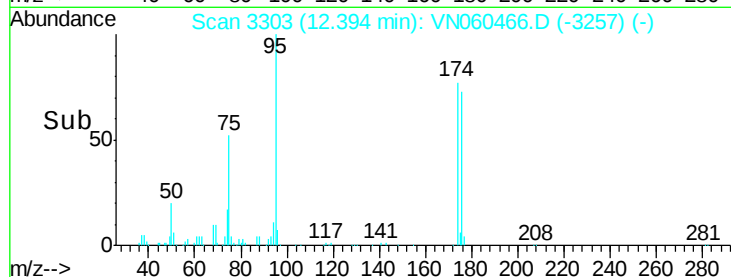
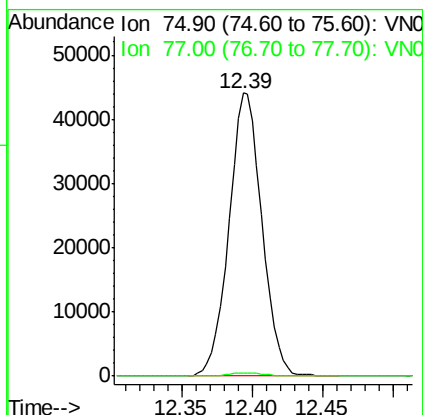
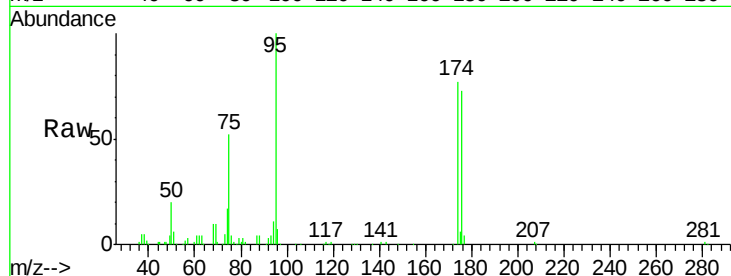
VN0312WBL01

Tgt Ion: 75 Resp: 71906

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.00 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060466.D

Acq: 12 Mar 2020 10:00

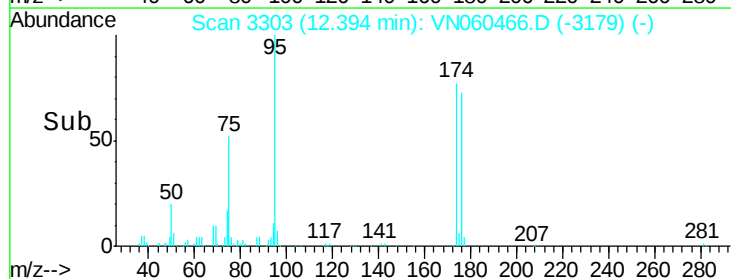
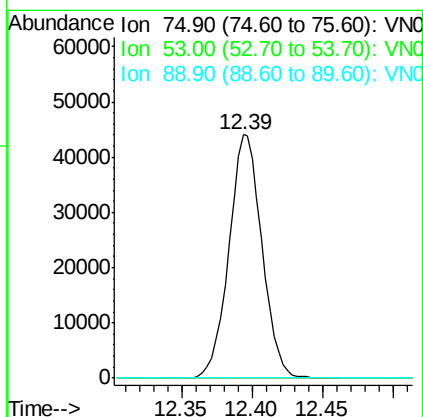
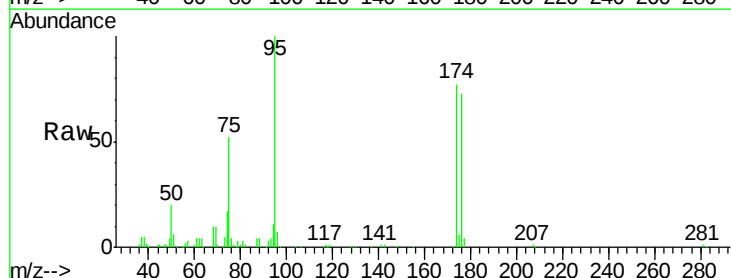
Tgt Ion: 75 Resp: 71906

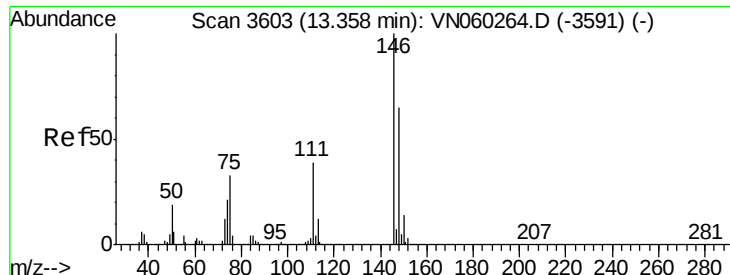
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 57.1 85.7#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.35 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN060466.D

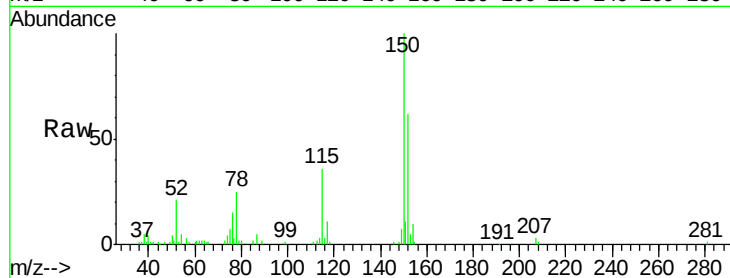
Acq: 12 Mar 2020 10:00

Instrument :

MSVOA_N

ClientSampleId :

VN0312WBL01



Tgt Ion:	146	Resp:	228
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.4#
148	118.0	32.3	96.9#

