

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060693.D
 Acq On : 25 Mar 2020 13:43
 Operator : JC/MD
 Sample : L2010-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Mar 26 02:49:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

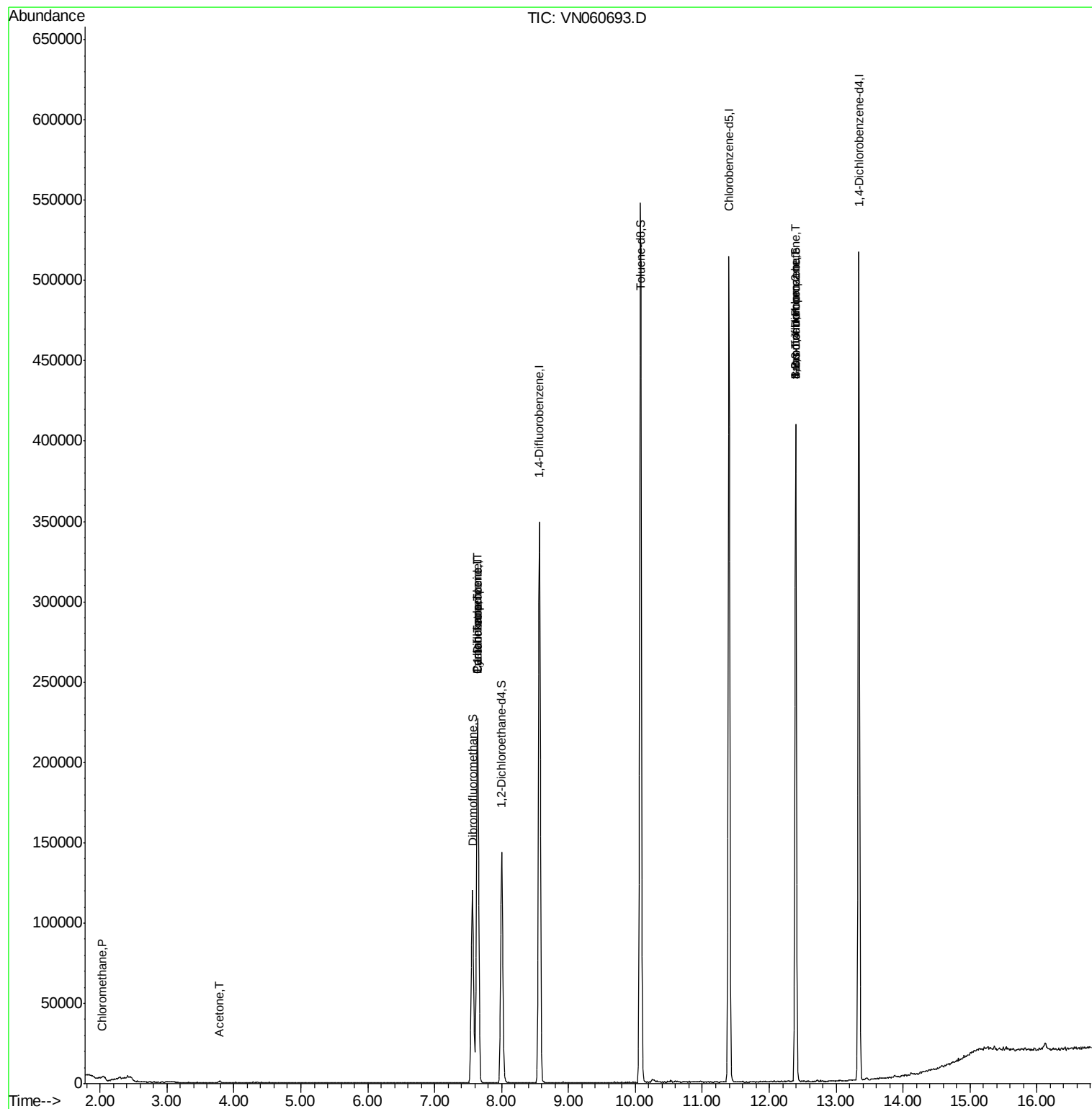
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122380	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.56	113	92666	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.08	98	383096	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	143358	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	675	0.201	ug/l #	87
16) Acetone	3.78	43	1813	2.002	ug/l	91
31) Cyclohexane	7.64	56	4015	0.975	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14600	4.827	ug/l #	50
38) Carbon Tetrachloride	7.64	117	17215	6.351	ug/l #	17
71) Bromoform	12.40	173	976	2.222	ug/l #	1
76) 1,2,3-Trichloropropane	12.39	75	71926	24.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	71926	63.540	ug/l #	13

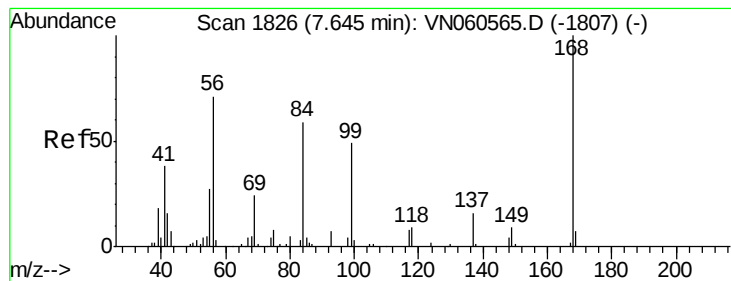
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

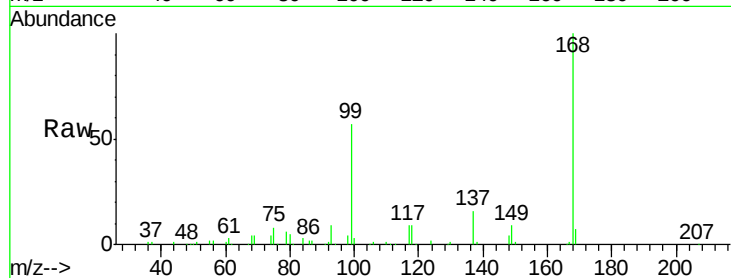
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 186228

Ion Ratio Lower Upper

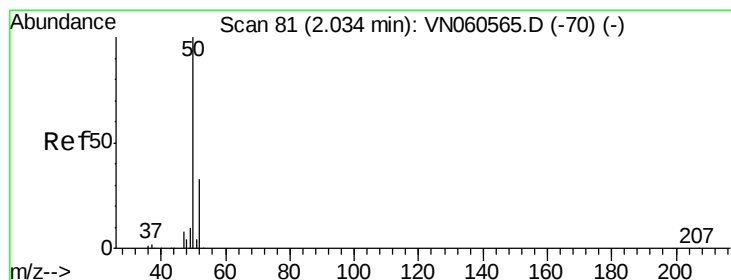
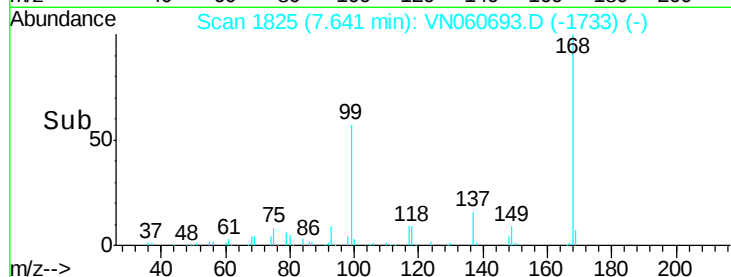
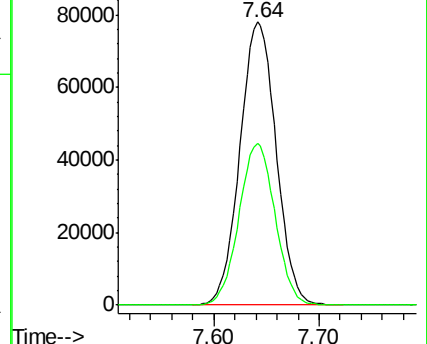
168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060693.D

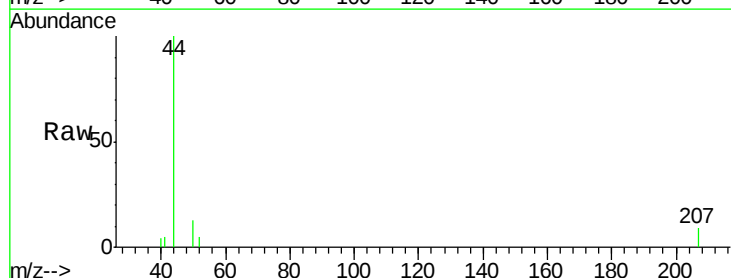
Acq: 25 Mar 2020 13:43

Tgt Ion: 50 Resp: 675

Ion Ratio Lower Upper

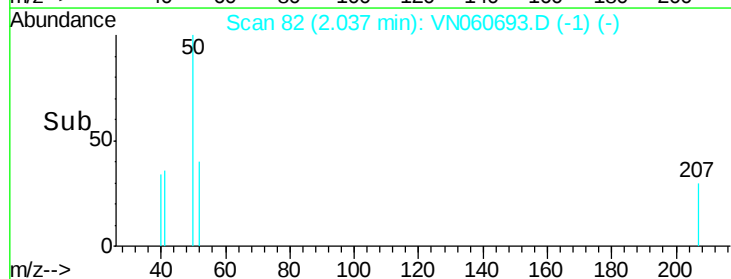
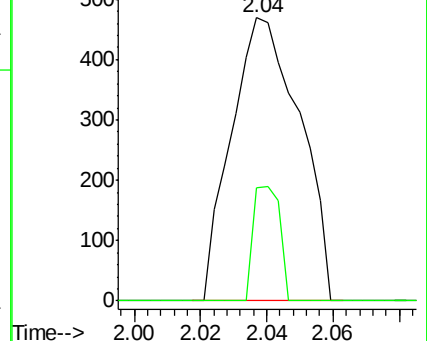
50 100

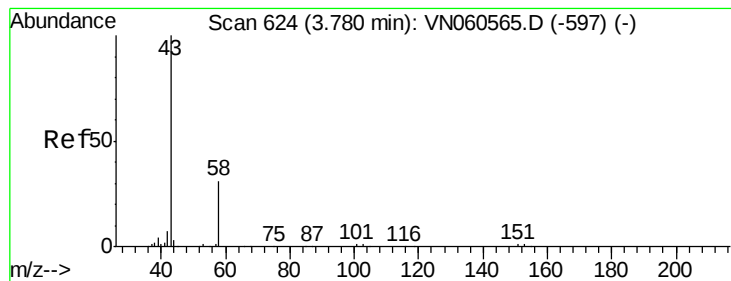
52 39.9 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 2.002 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

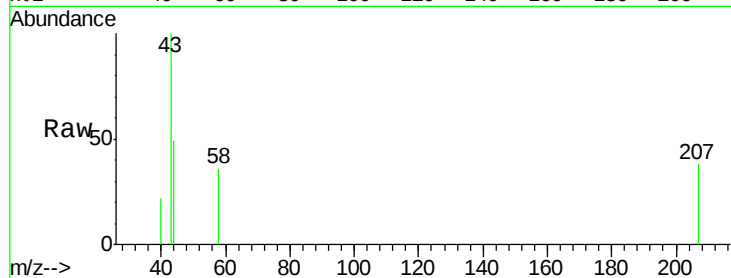
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 43 Resp: 1813

Ion Ratio Lower Upper

43 100

58 36.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

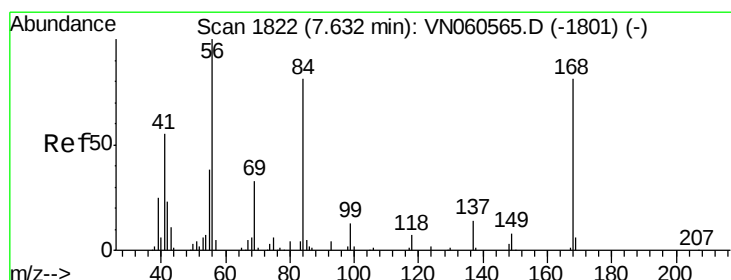
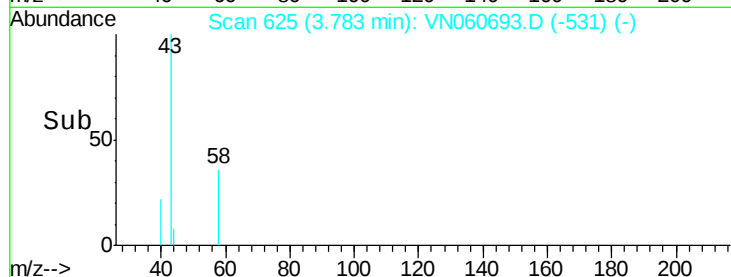
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 0.975 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

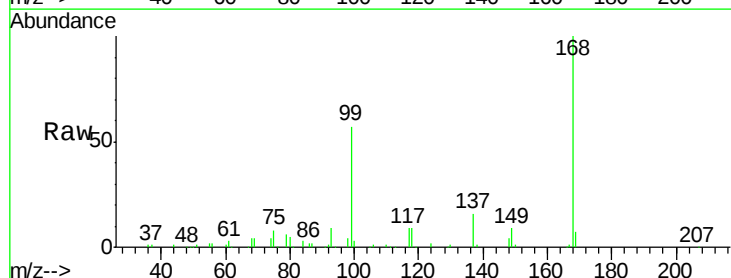
Tgt Ion: 56 Resp: 4015

Ion Ratio Lower Upper

56 100

69 161.3 26.6 40.0#

84 144.3 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

7.64

4000

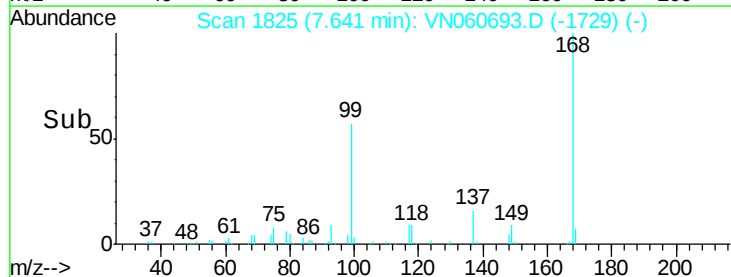
3000

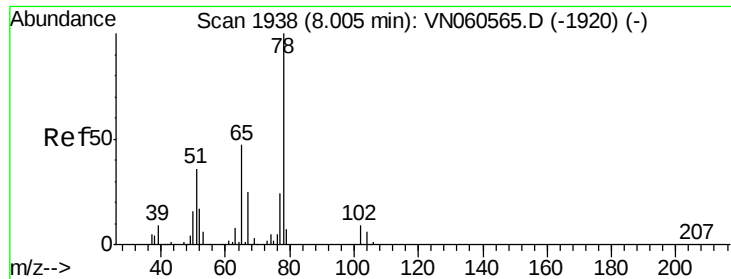
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.870 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

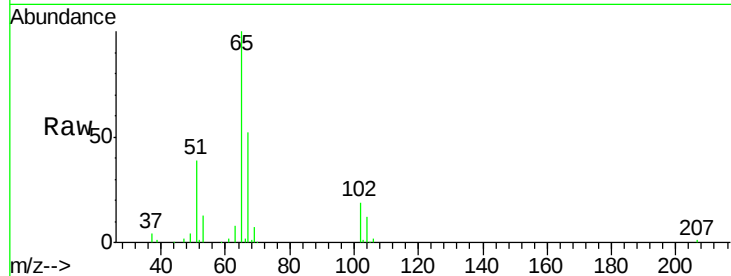
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 65 Resp: 122380

Ion Ratio Lower Upper

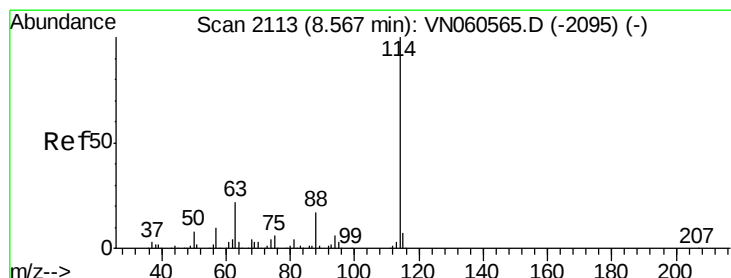
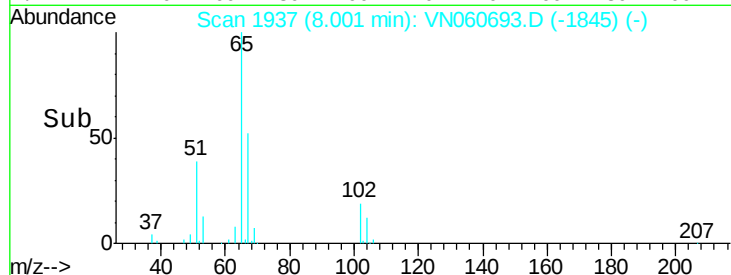
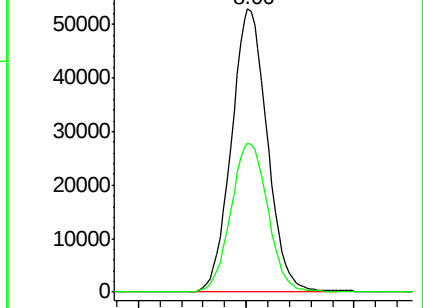
65 100

67 54.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060693.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060693.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

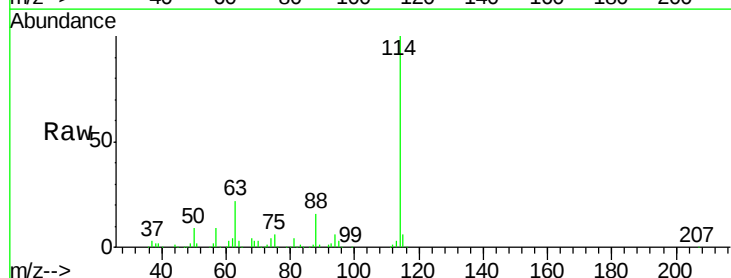
Tgt Ion: 114 Resp: 312354

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

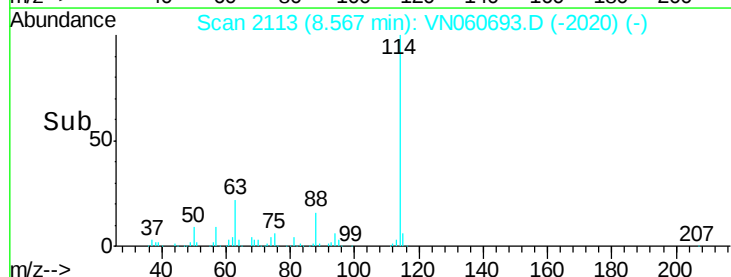
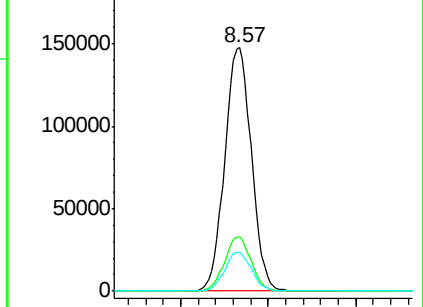
88 16.1 0.0 33.0

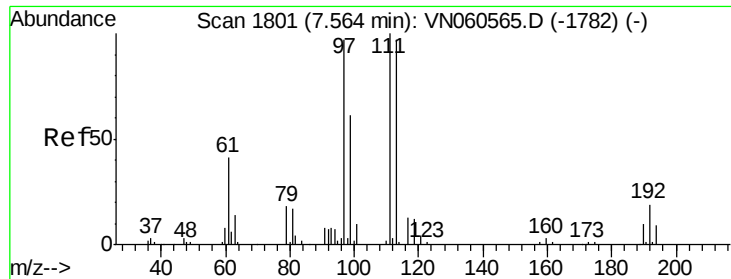


Abundance Ion 113.90 (113.60 to 114.60): VN060693.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060693.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060693.D (-2020) (-)

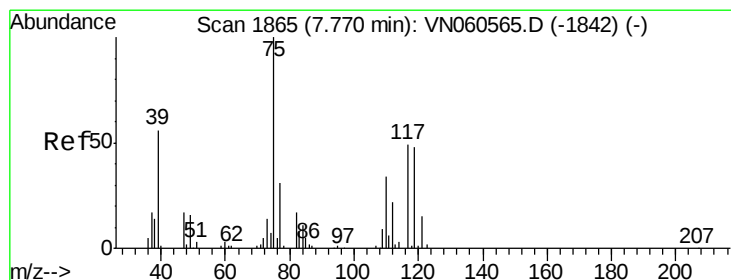
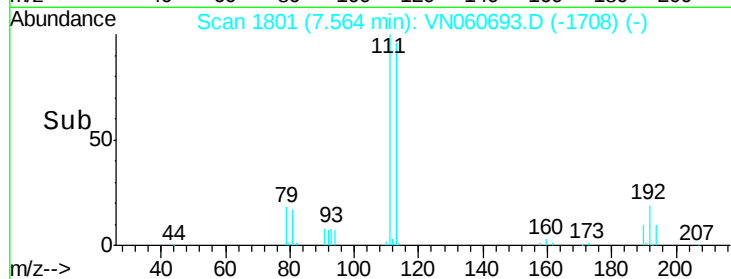
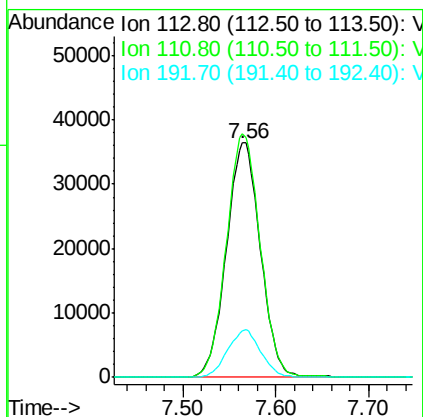
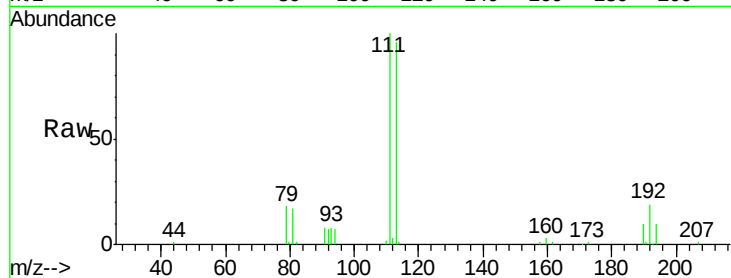




#35
 Dibromofluoromethane
 Concen: 49.063 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060693.D
 Acq: 25 Mar 2020 13:43

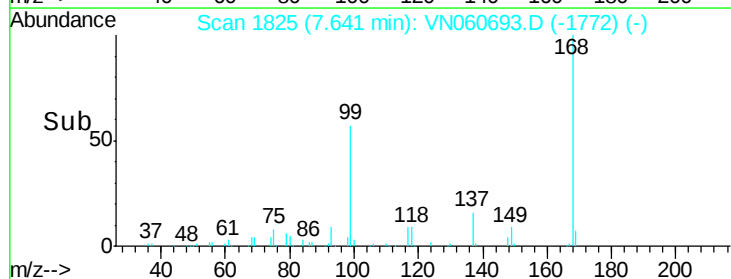
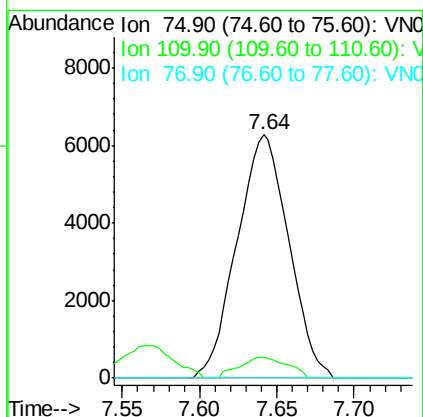
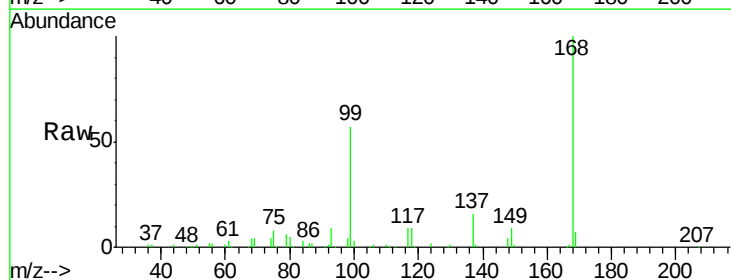
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

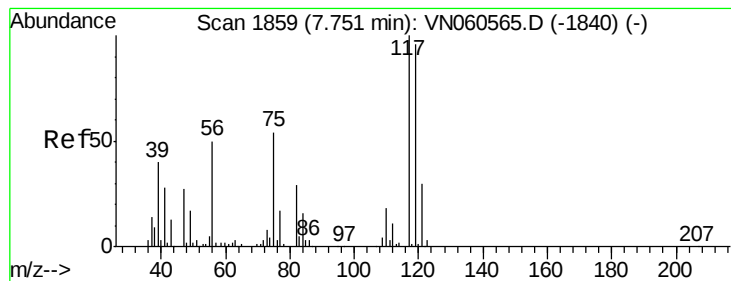
Tgt Ion:113 Resp: 92666
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 19.8 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.827 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060693.D
 Acq: 25 Mar 2020 13:43

Tgt Ion: 75 Resp: 14600
 Ion Ratio Lower Upper
 75 100
 110 7.9 16.9 50.6#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.351 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

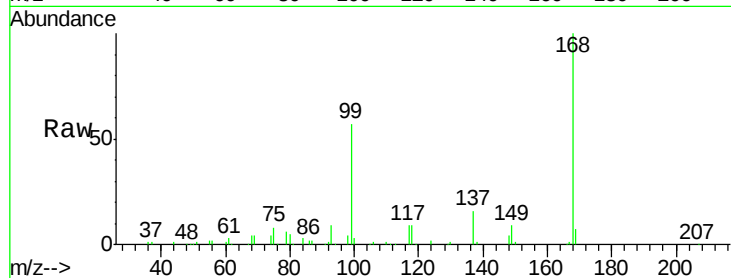
Tgt Ion:117 Resp: 17215

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

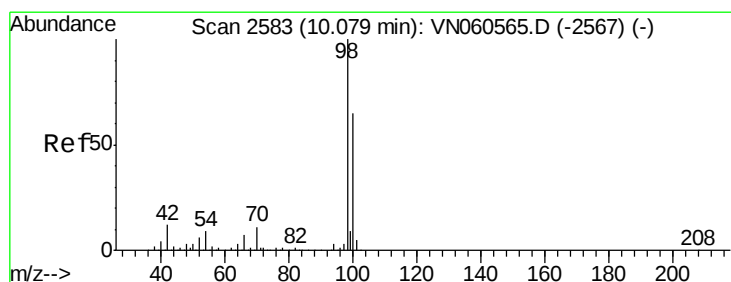
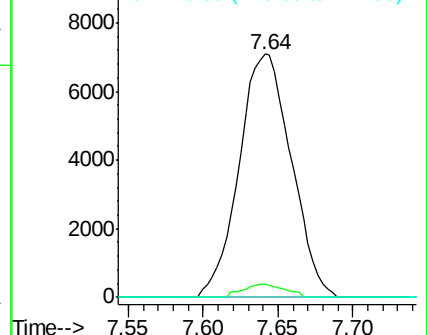
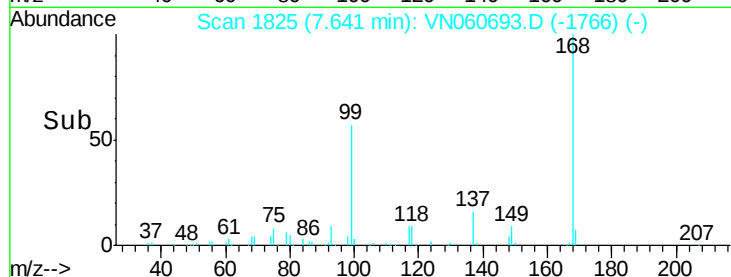
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.658 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060693.D

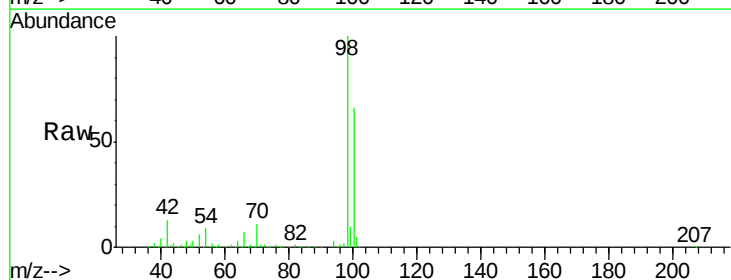
Acq: 25 Mar 2020 13:43

Tgt Ion: 98 Resp: 383096

Ion Ratio Lower Upper

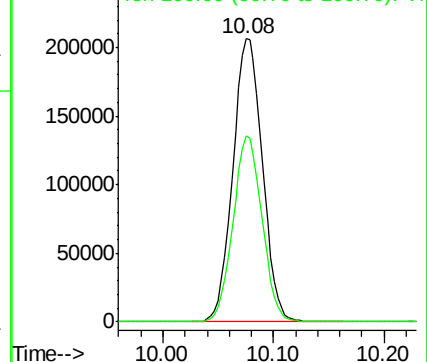
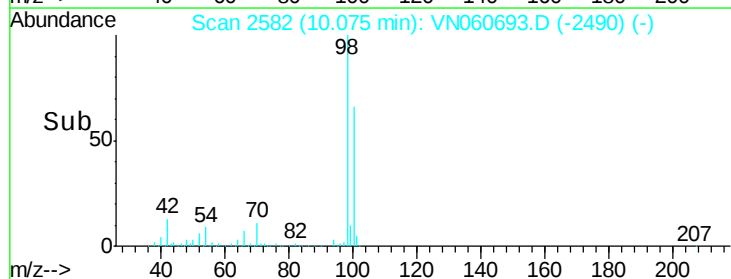
98 100

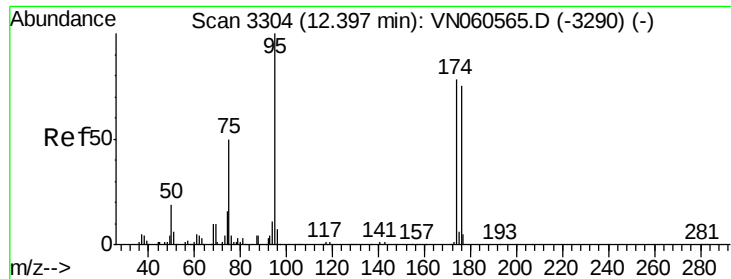
100 64.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.705 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

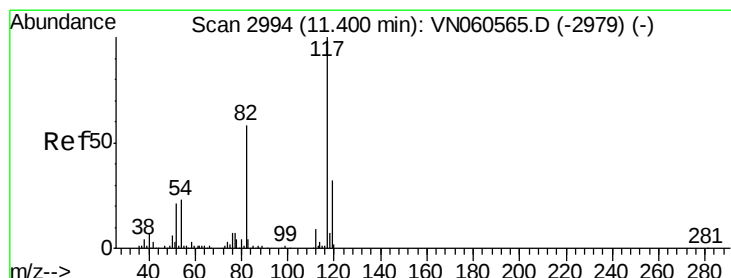
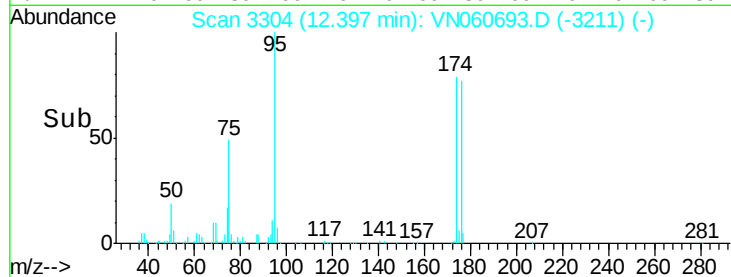
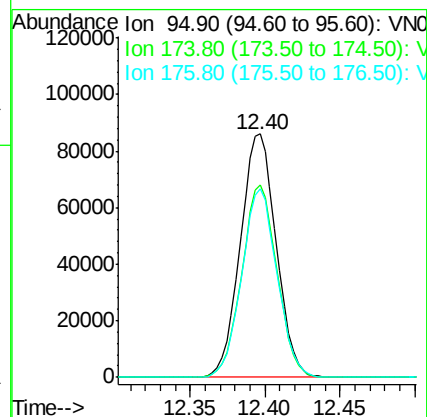
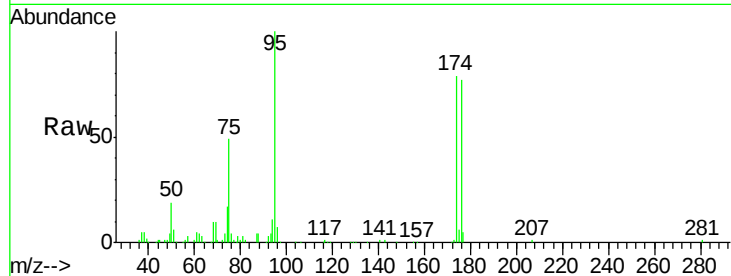
Tgt Ion: 95 Resp: 143358

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

176 76.4 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

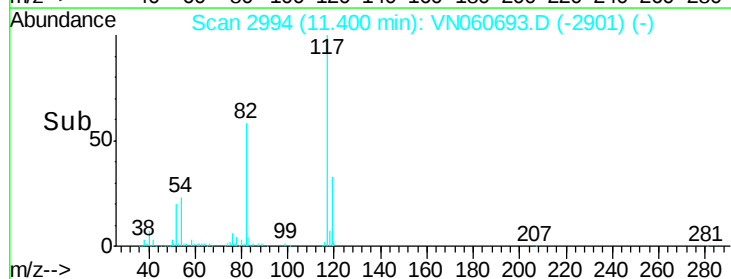
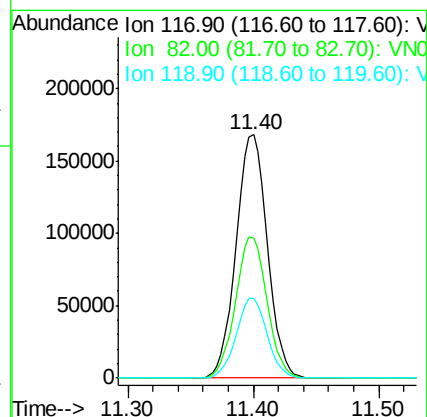
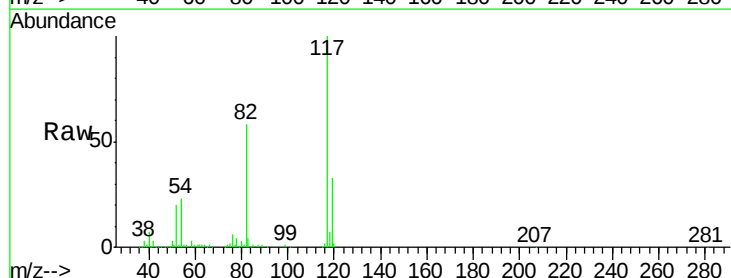
Tgt Ion: 117 Resp: 291818

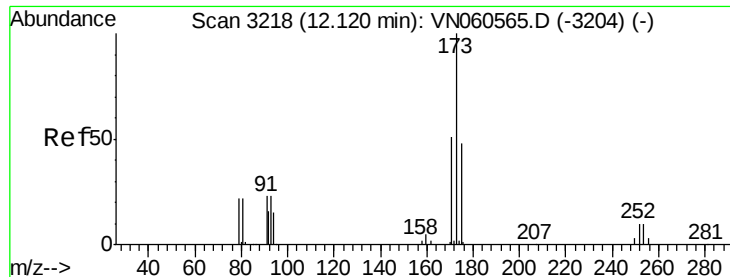
Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

119 32.7 25.5 38.3





#71

Bromoform

Concen: 2.222 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

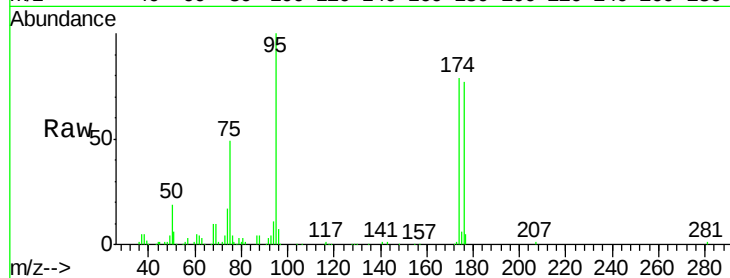
Tgt Ion:173 Resp: 976

Ion Ratio Lower Upper

173 100

175 744.4 24.1 72.4#

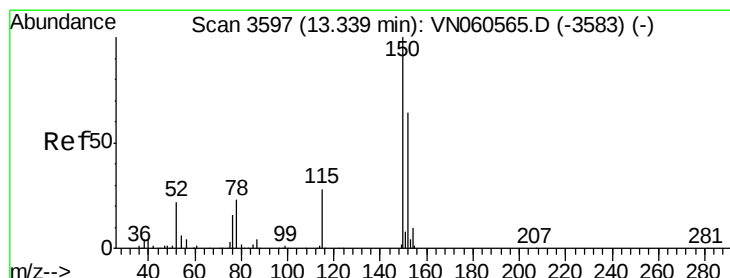
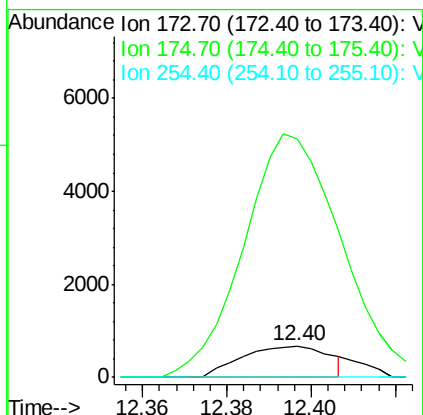
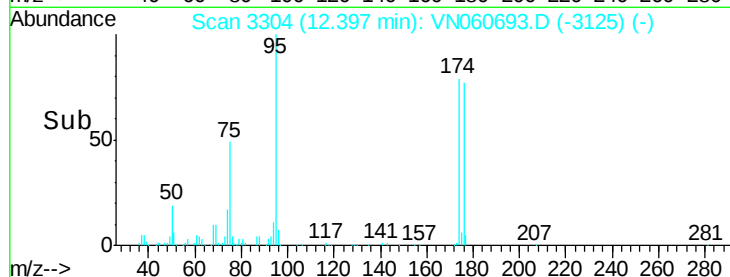
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

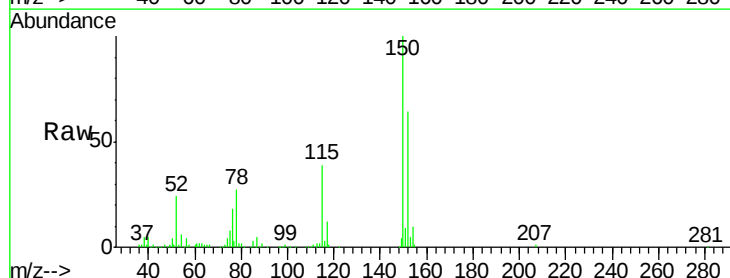
Tgt Ion:152 Resp: 134734

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

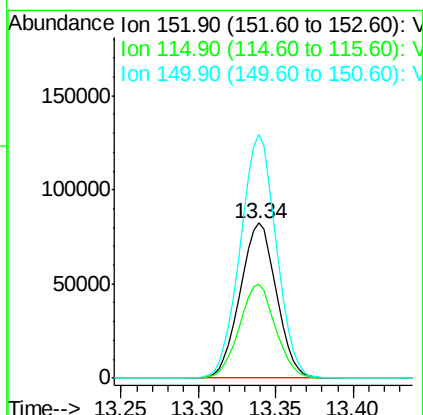
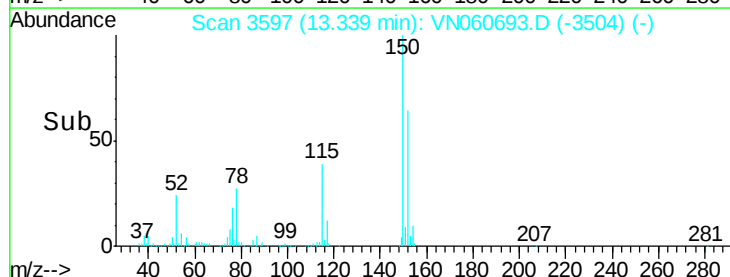
150 156.0 0.0 350.2

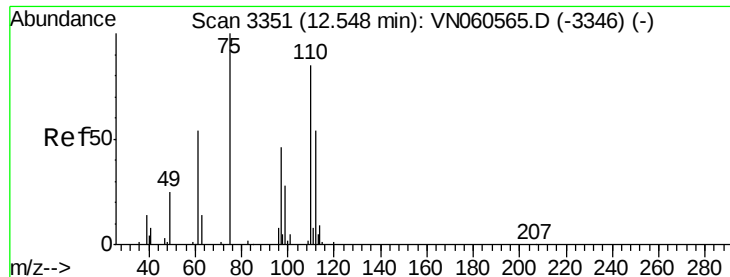


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.740 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

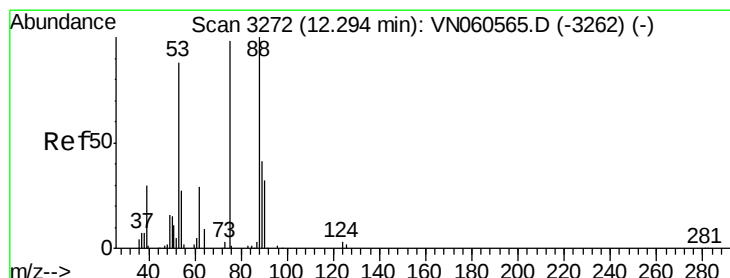
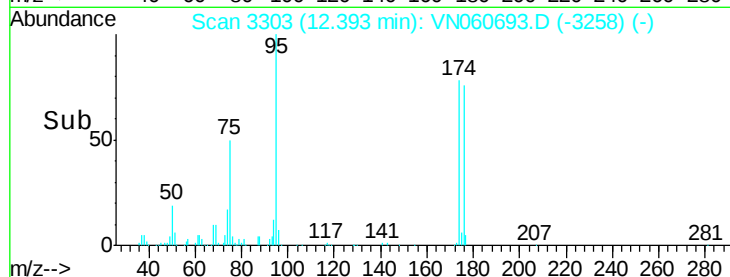
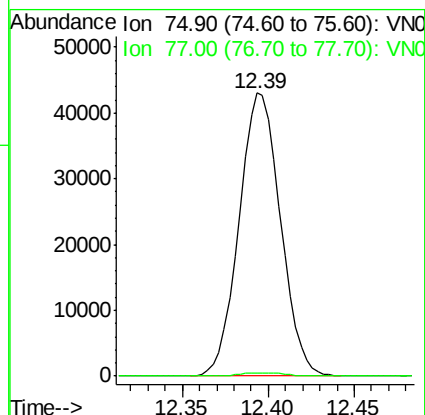
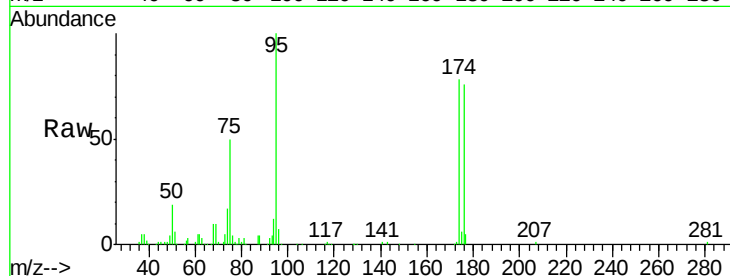
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 71926

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.540 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060693.D

Acq: 25 Mar 2020 13:43

Tgt Ion: 75 Resp: 71926

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#

