

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
 Data File : VN060695.D
 Acq On : 25 Mar 2020 14:28
 Operator : JC/MD
 Sample : L2008-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-3-20-2020

Quant Time: Mar 26 02:49:50 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

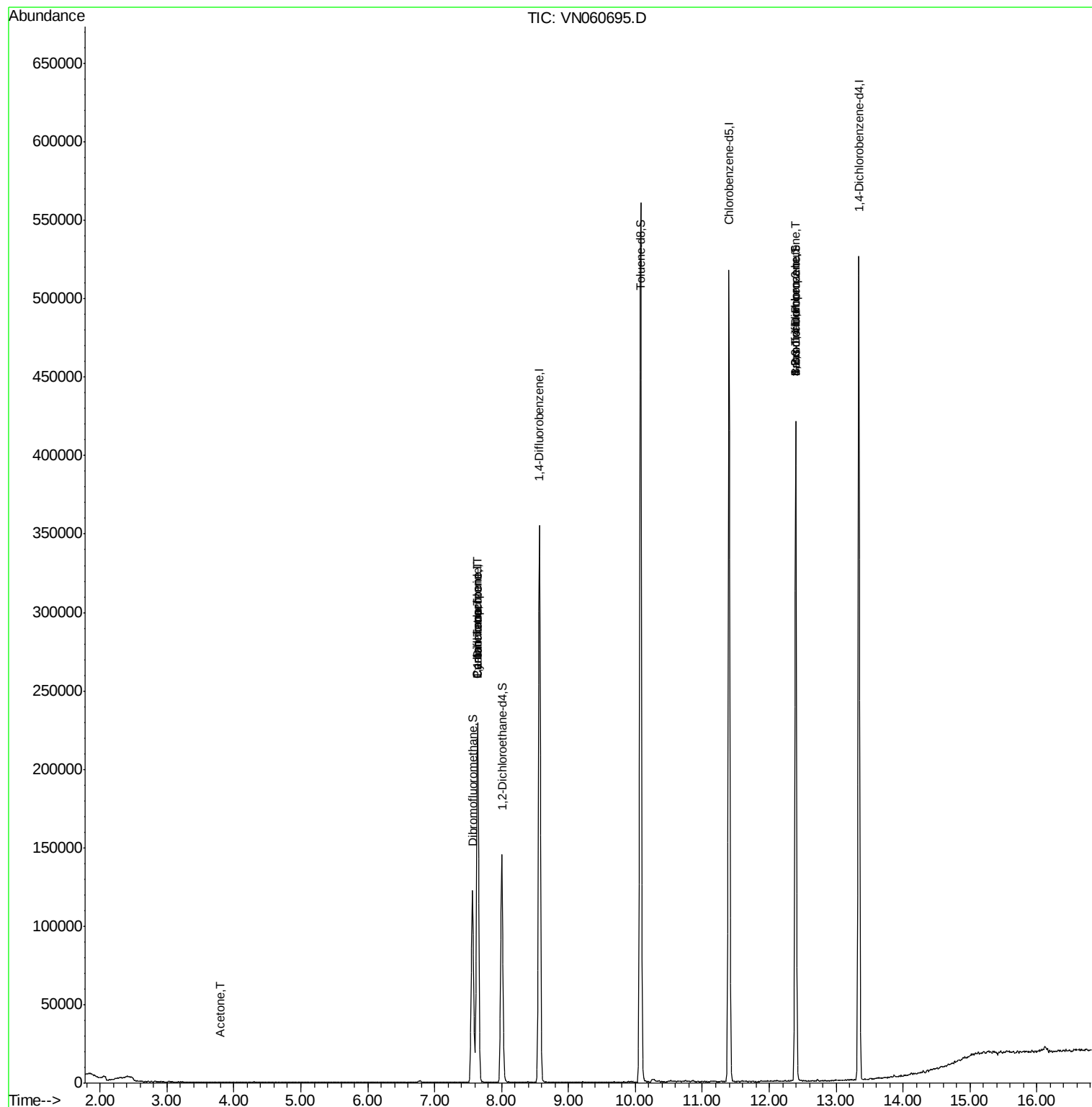
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	313648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122673	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
35) Dibromofluoromethane	7.56	113	93595	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.08	98	387682	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	146433	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	578	0.632	ug/l #	43
31) Cyclohexane	7.64	56	4239	1.020	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14712	4.844	ug/l #	46
38) Carbon Tetrachloride	7.64	117	18021	6.621	ug/l #	16
71) Bromoform	12.40	173	440	1.922	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	73939	24.867	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	73939	63.866	ug/l #	13

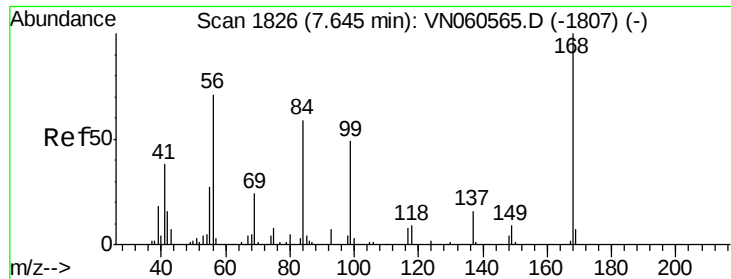
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN032520\
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QLast Update : Wed Mar 18 08:49:09 2020
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: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

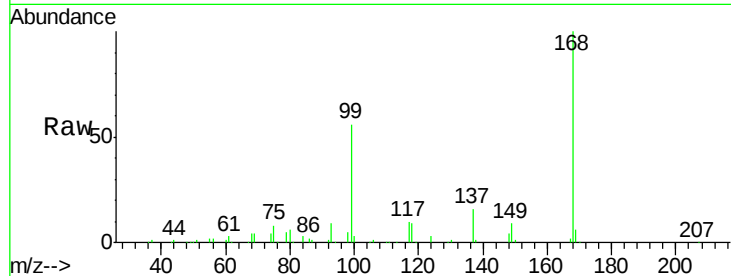
TB-3-20-2020

Tgt Ion:168 Resp: 187946

Ion Ratio Lower Upper

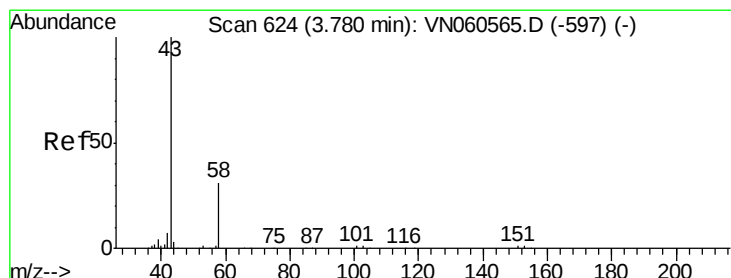
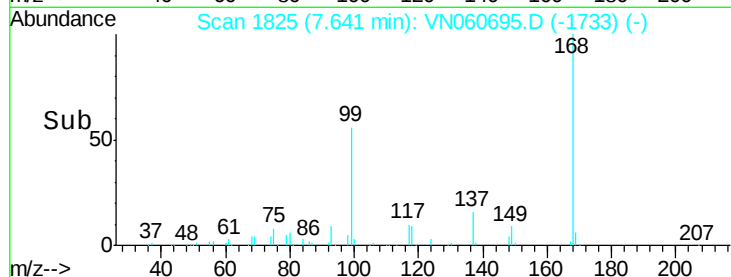
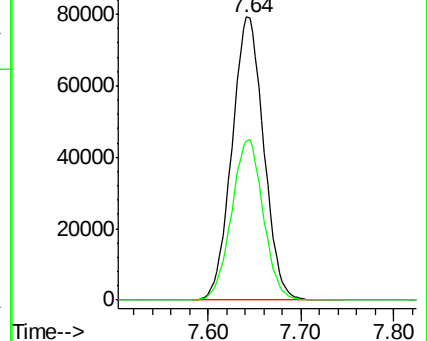
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 0.632 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.02 min

Lab File: VN060695.D

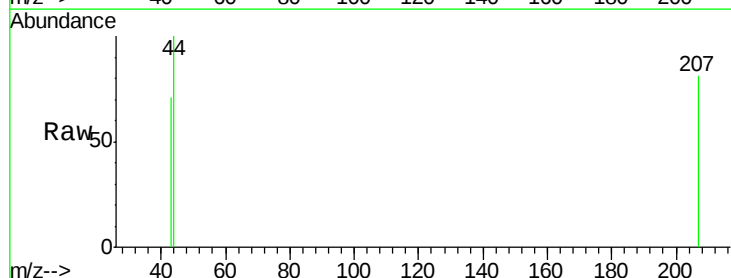
Acq: 25 Mar 2020 14:28

Tgt Ion: 43 Resp: 578

Ion Ratio Lower Upper

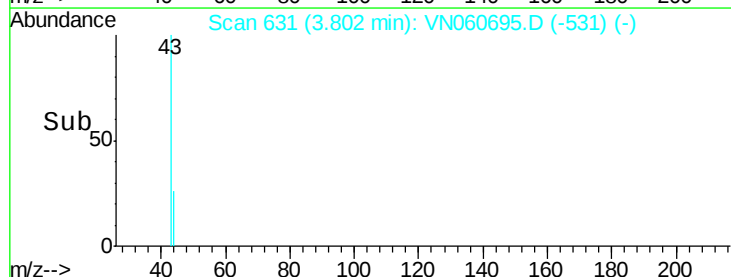
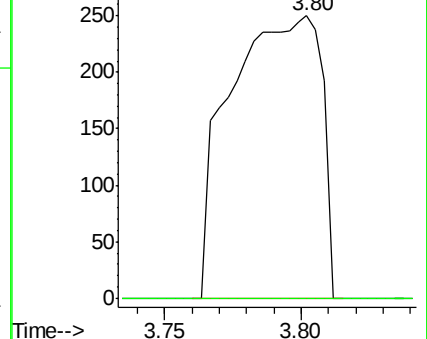
43 100

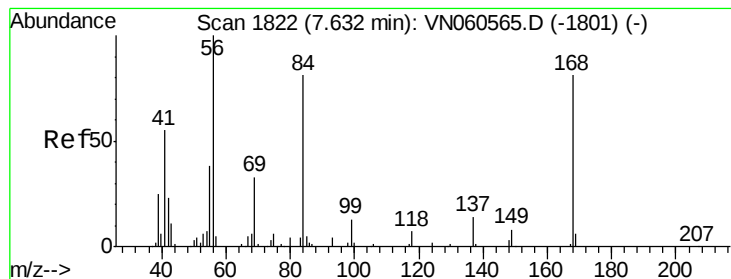
58 0.0 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#31

Cyclohexane

Concen: 1.020 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

TB-3-20-2020

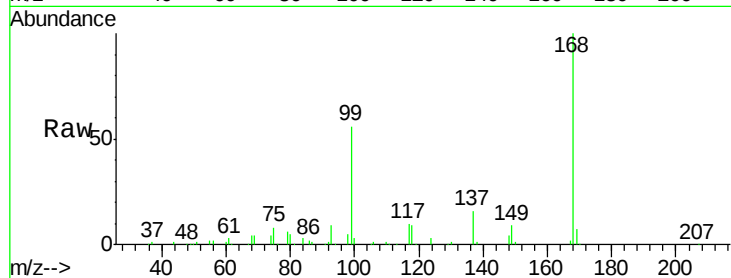
Tgt Ion: 56 Resp: 4239

Ion Ratio Lower Upper

56 100

69 154.0 26.6 40.0#

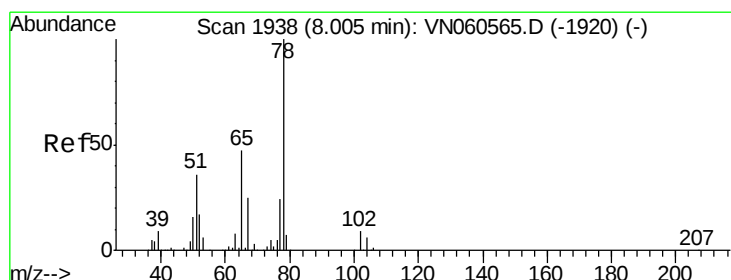
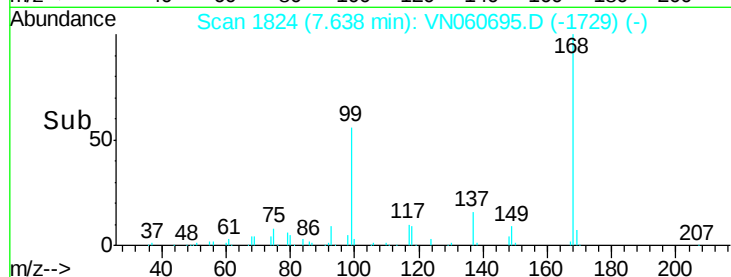
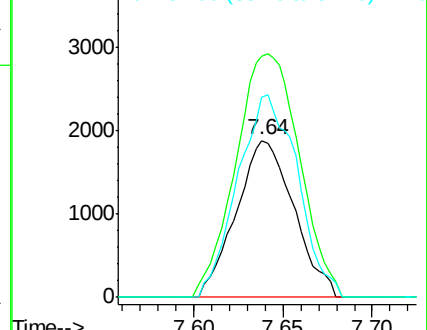
84 127.6 64.3 96.5#



Abundance Ion 56.00 (55.70 to 56.70): VN060695.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060695.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060695.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.546 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060695.D

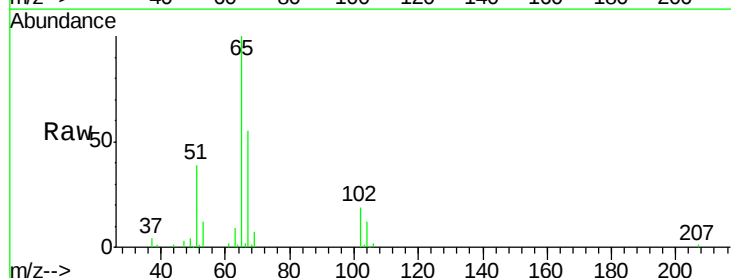
Acq: 25 Mar 2020 14:28

Tgt Ion: 65 Resp: 122673

Ion Ratio Lower Upper

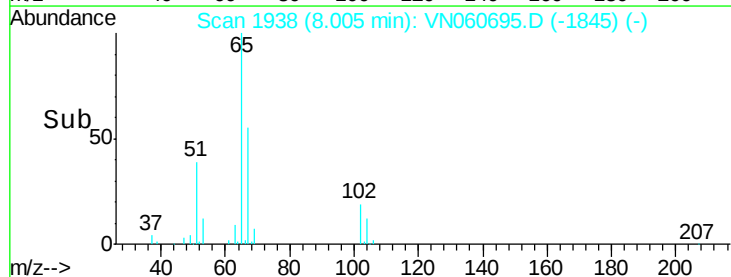
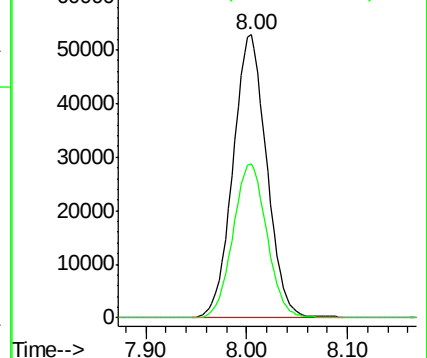
65 100

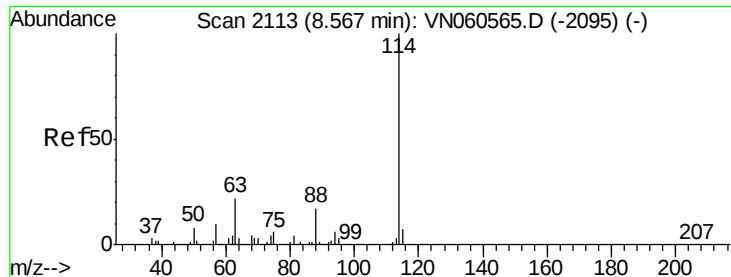
67 54.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060695.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060695.D (-1920) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

TB-3-20-2020

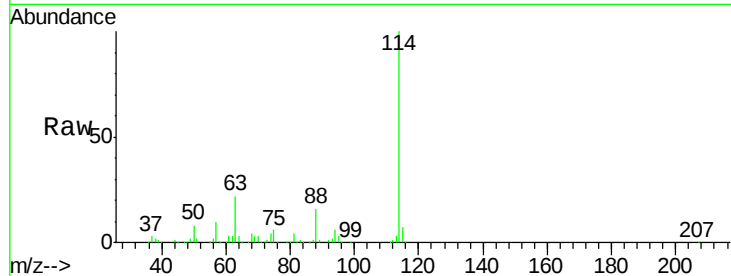
Tgt Ion:114 Resp: 313648

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

88 16.2 0.0 33.0



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

200000

150000

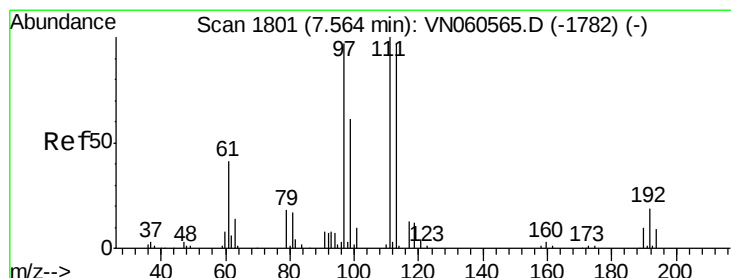
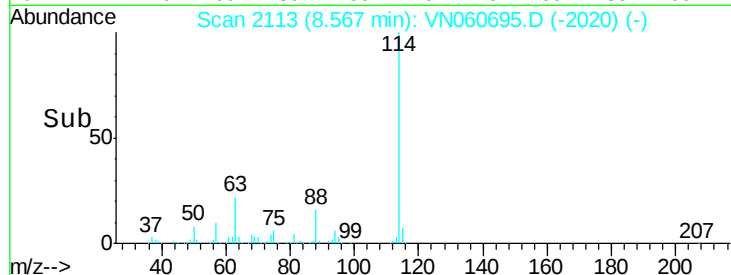
100000

50000

0

8.50 8.57 8.60

Time-->



#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

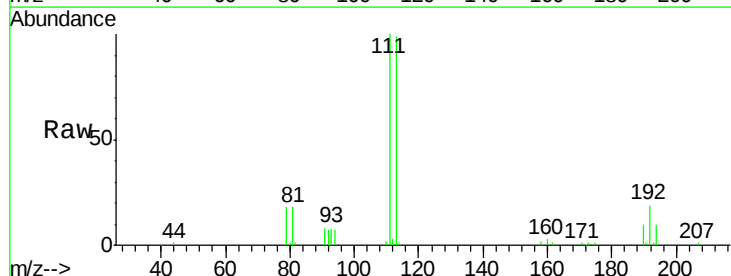
Tgt Ion:113 Resp: 93595

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 19.8 15.8 23.8



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

50000

40000

30000

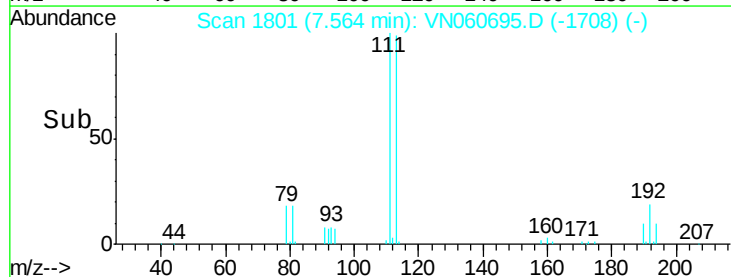
20000

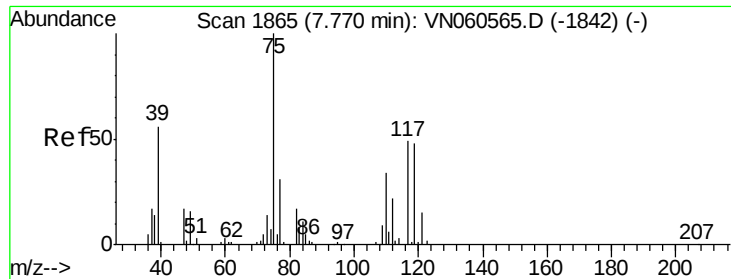
10000

0

7.45 7.50 7.55 7.60 7.65

Time-->

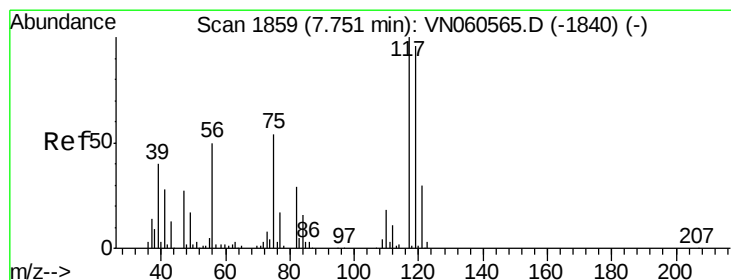
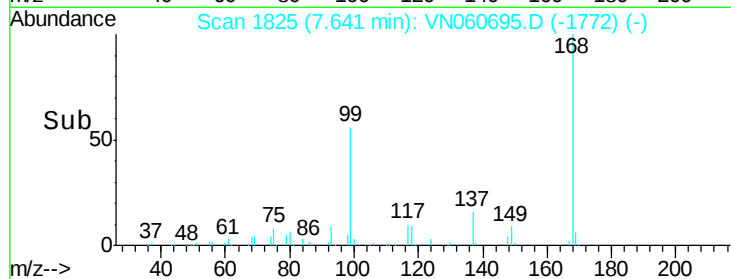
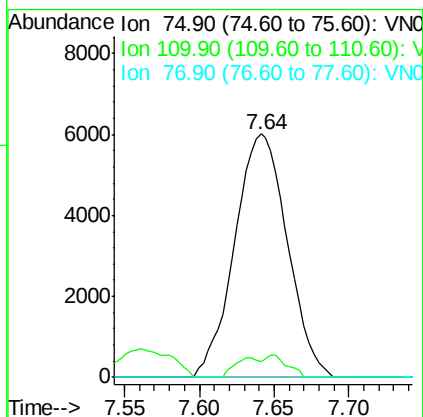
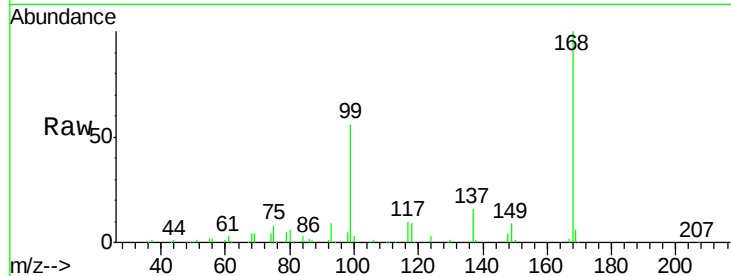




#36
 1,1-Dichloropropene
 Concen: 4.844 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN060695.D
 Acq: 25 Mar 2020 14:28

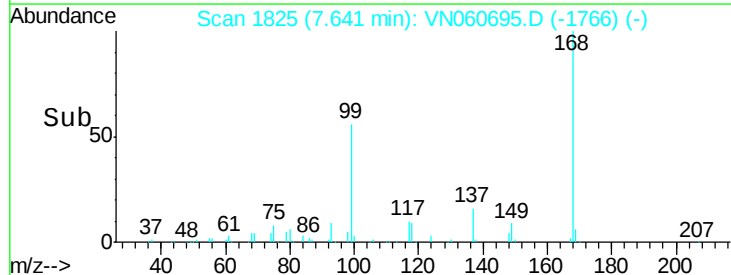
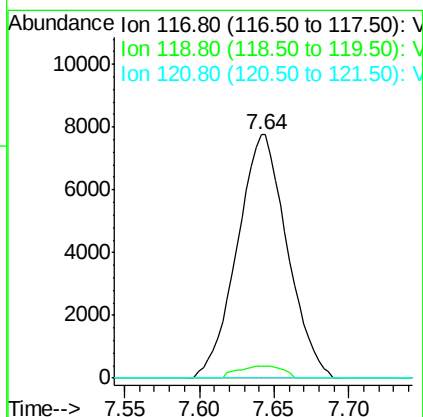
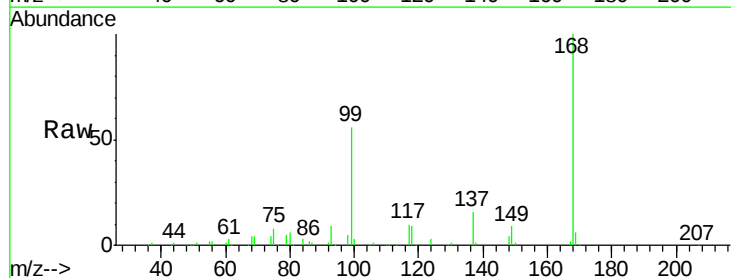
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-3-20-2020

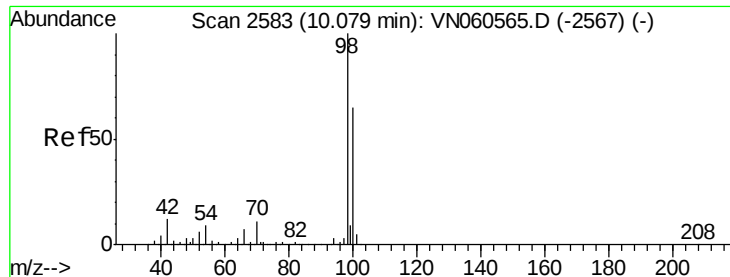
Tgt Ion: 75 Resp: 14712
 Ion Ratio Lower Upper
 75 100
 110 3.8 16.9 50.6#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.621 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN060695.D
 Acq: 25 Mar 2020 14:28

Tgt Ion: 117 Resp: 18021
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.2 114.2#
 121 0.0 23.7 35.5#





#50

Toluene-d8

Concen: 50.046 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

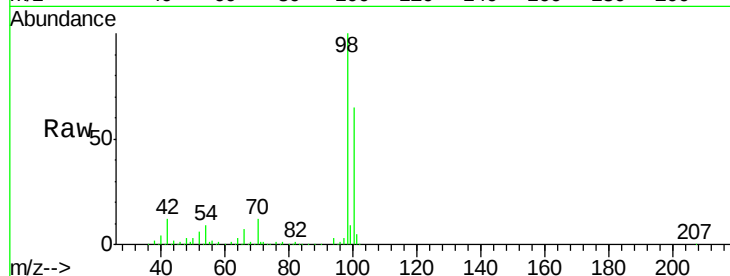
TB-3-20-2020

Tgt Ion: 98 Resp: 387682

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060565.D (-2567) (-)

10.08

250000

200000

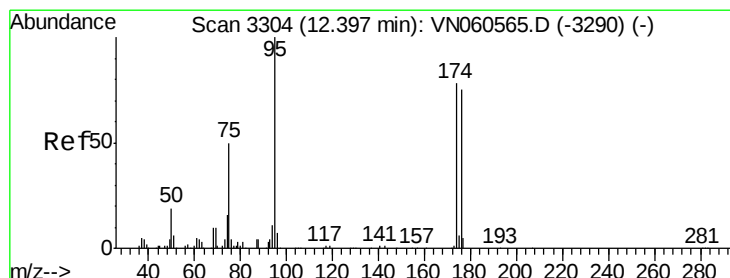
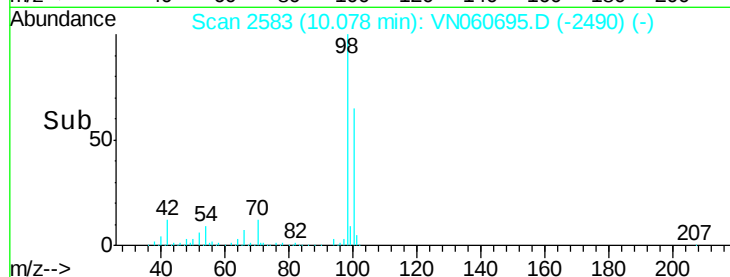
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.579 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

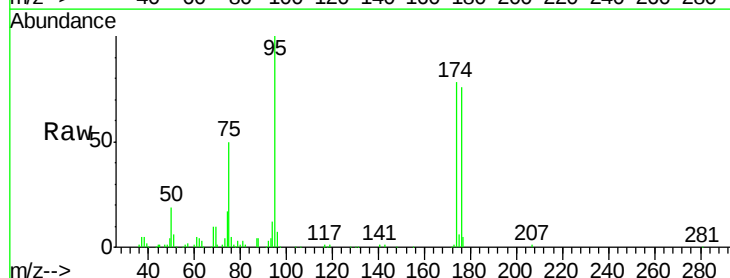
Tgt Ion: 95 Resp: 146433

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

176 75.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060565.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060565.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060565.D (-3290) (-)

12.40

120000

100000

80000

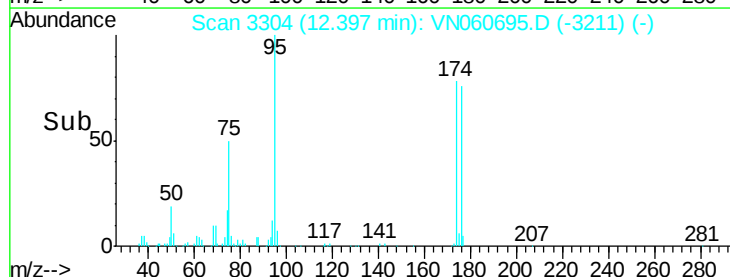
60000

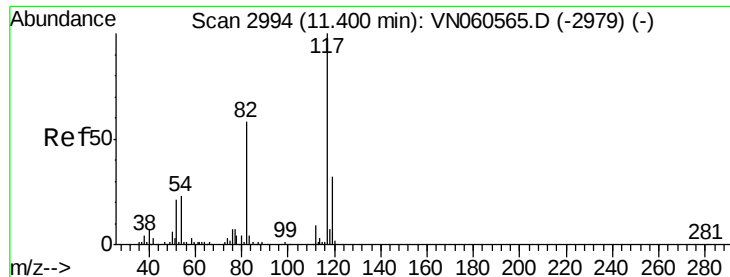
40000

20000

0

Time-->

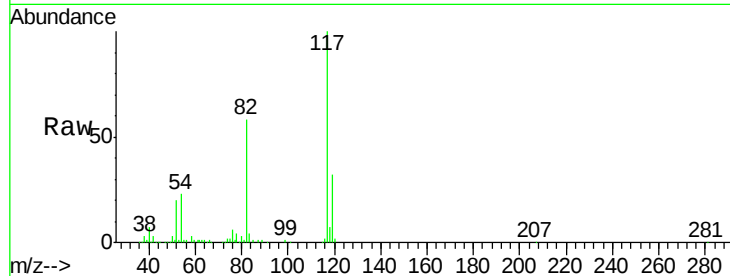




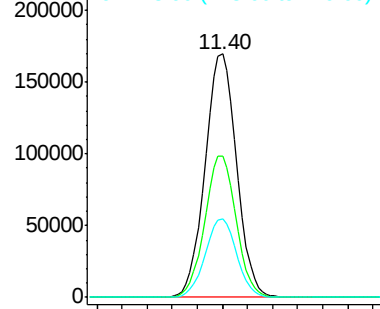
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060695.D
Acq: 25 Mar 2020 14:28

Instrument :
MSVOA_N
ClientSampled :
TB-3-20-2020

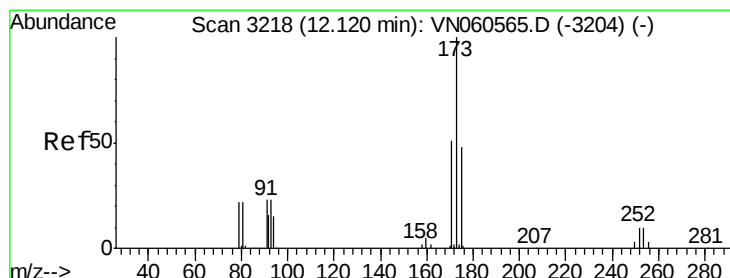
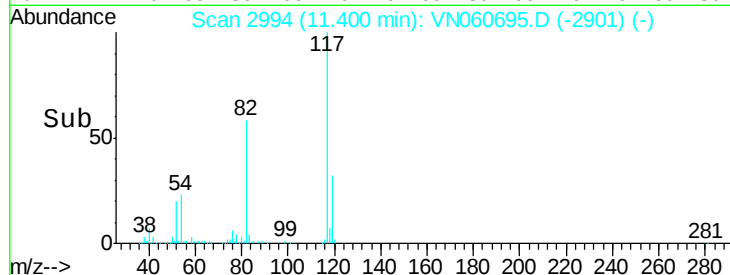
Tgt Ion:117 Resp: 295494
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.3 25.5 38.3



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

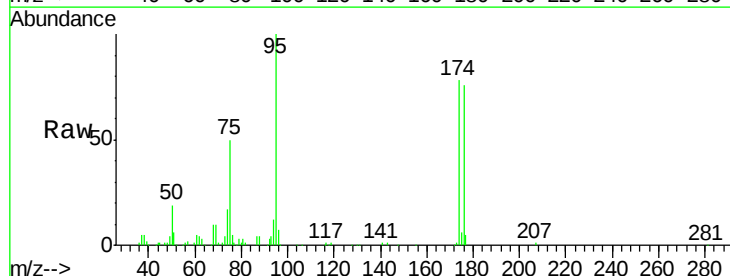


Time--> 11.30 11.40 11.50

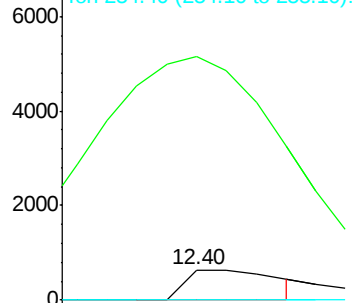


#71
Bromoform
Concen: 1.922 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.28 min
Lab File: VN060695.D
Acq: 25 Mar 2020 14:28

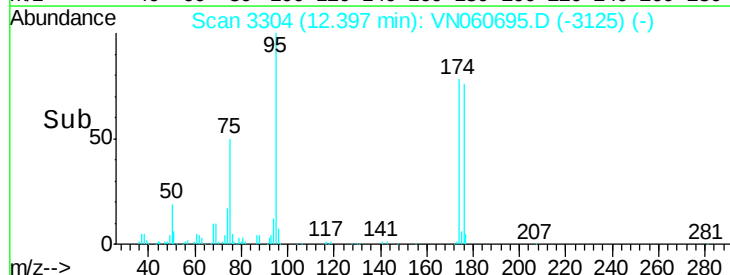
Tgt Ion:173 Resp: 440
Ion Ratio Lower Upper
173 100
175 1668.4 24.1 72.4#
254 0.0 0.0 0.0

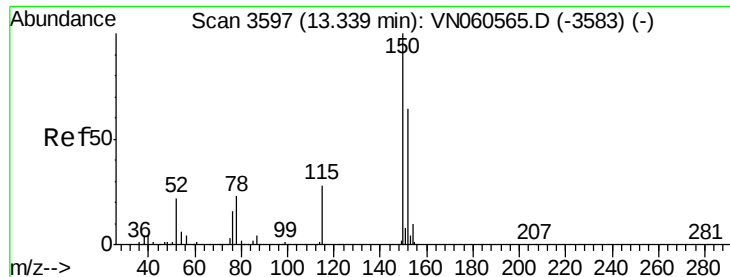


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



Time--> 12.39 12.40 12.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

TB-3-20-2020

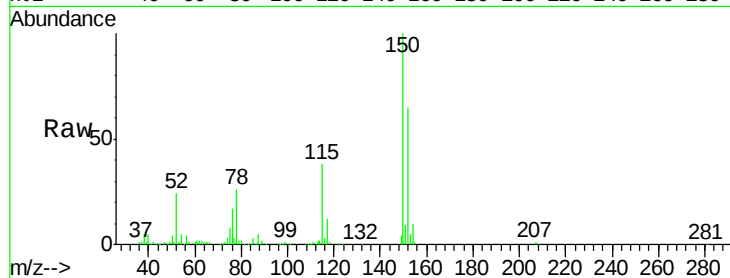
Tgt Ion:152 Resp: 137797

Ion Ratio Lower Upper

152 100

115 59.1 30.2 90.6

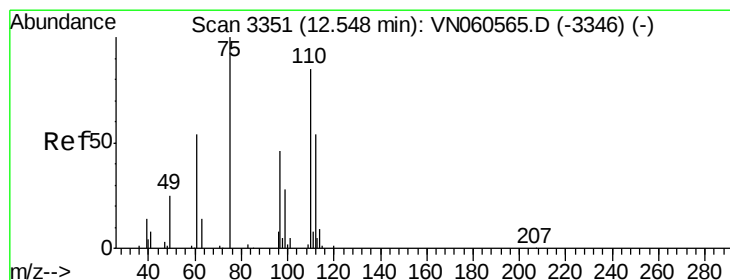
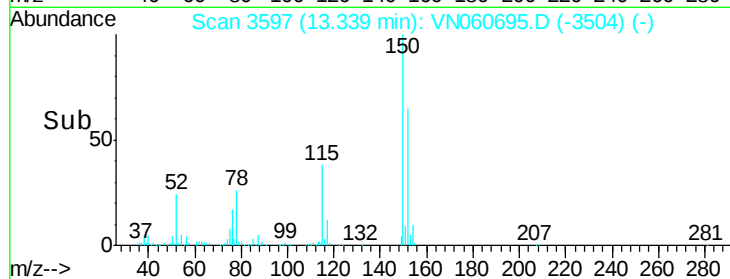
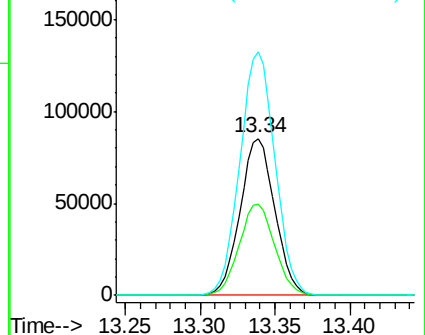
150 157.4 0.0 350.2



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: 24.867 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060695.D

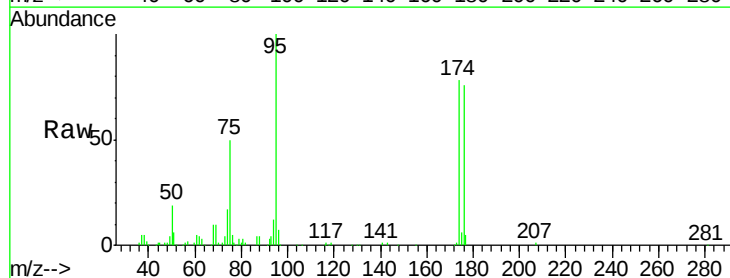
Acq: 25 Mar 2020 14:28

Tgt Ion: 75 Resp: 73939

Ion Ratio Lower Upper

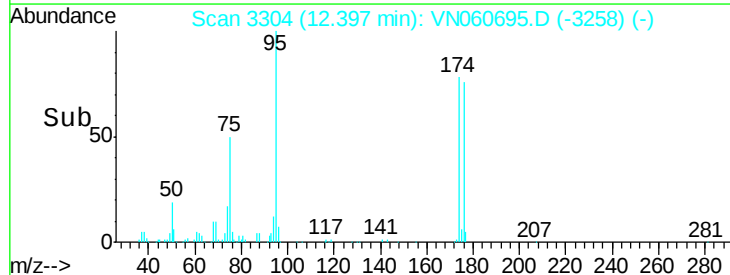
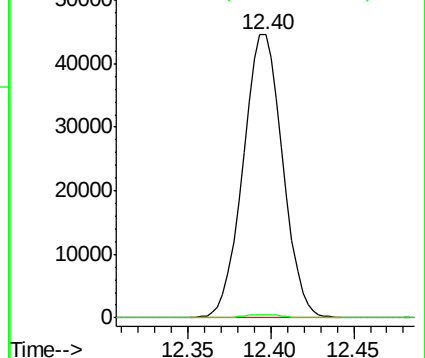
75 100

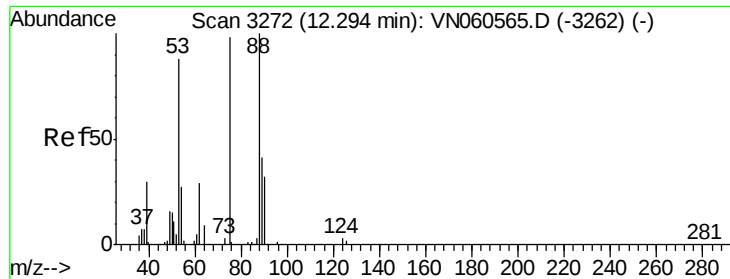
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 63.866 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060695.D

Acq: 25 Mar 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

TB-3-20-2020

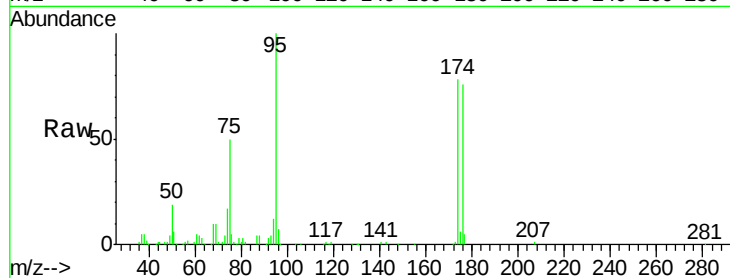
Tgt Ion: 75 Resp: 73939

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

