

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061854.D
 Acq On : 17 Jun 2020 17:27
 Operator : JC/MD
 Sample : L3041-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-200616

Quant Time: Jun 18 03:55:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

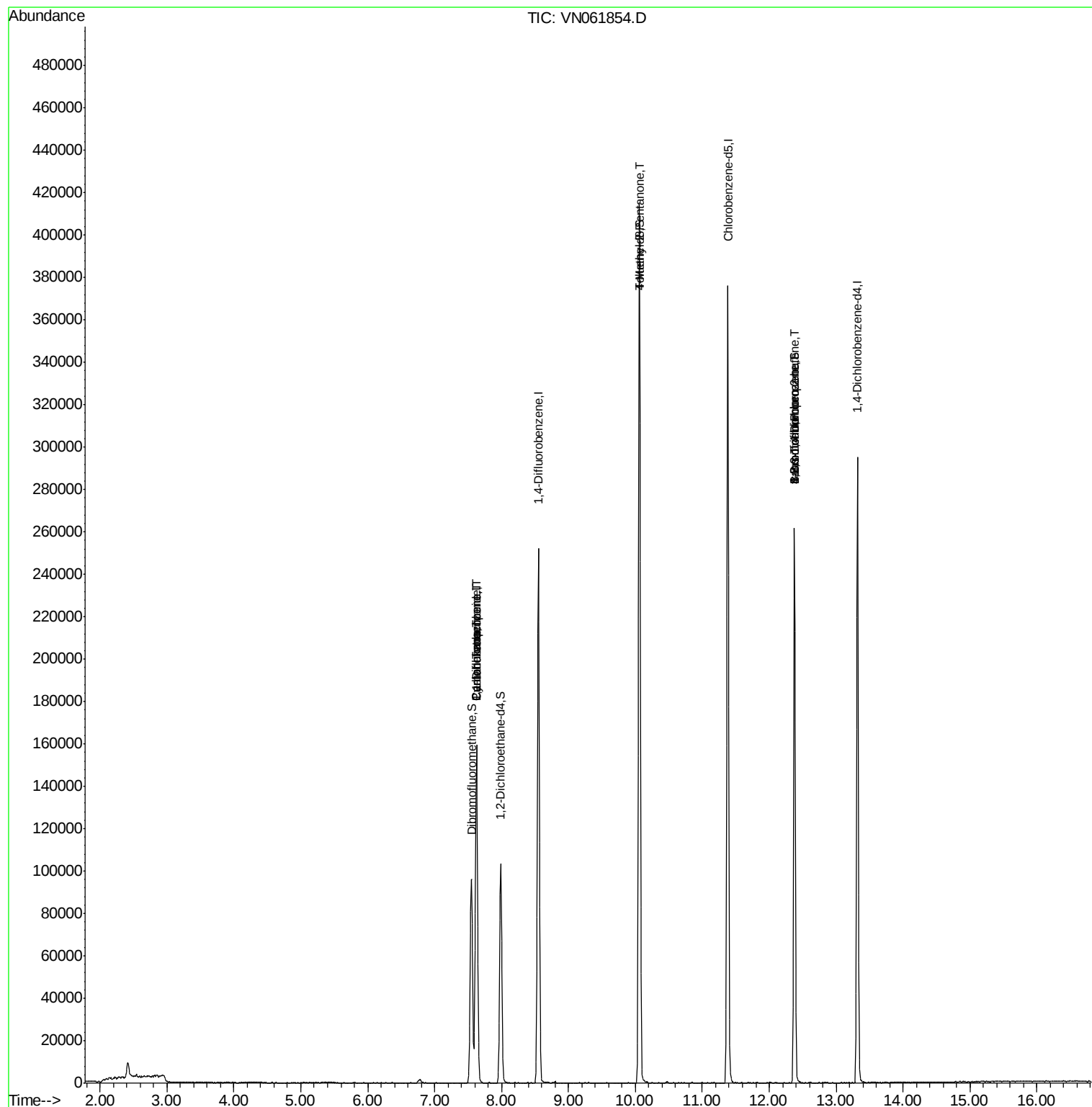
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	131356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	238387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86557	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	7.55	113	75473	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
50) Toluene-d8	10.06	98	296046	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.38	95	92256	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.63	56	2642	1.138	ug/l #	8
36) 1,1-Dichloropropene	7.62	75	9879	4.543	ug/l #	45
38) Carbon Tetrachloride	7.63	117	13599	6.316	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1033	0.611	ug/l #	1
71) Bromoform	12.38	173	910	0.754	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	45821	28.286	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	45821	77.148	ug/l #	14

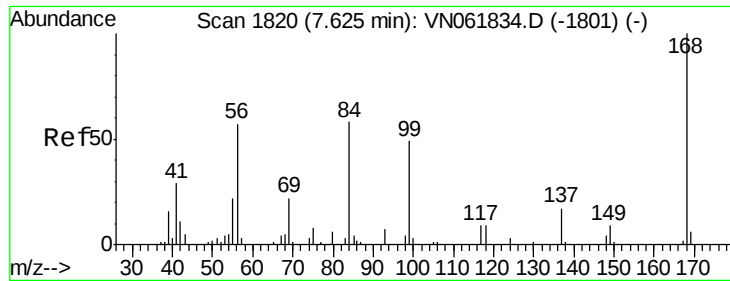
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
Data File : VN061854.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061854.D

Acq: 17 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

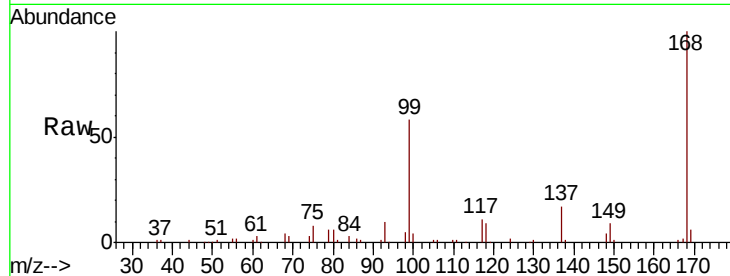
TB-02-200616

Tot Ion:168 Resp: 131356

Ion Ratio Lower Upper

168 100

99 57.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

30000

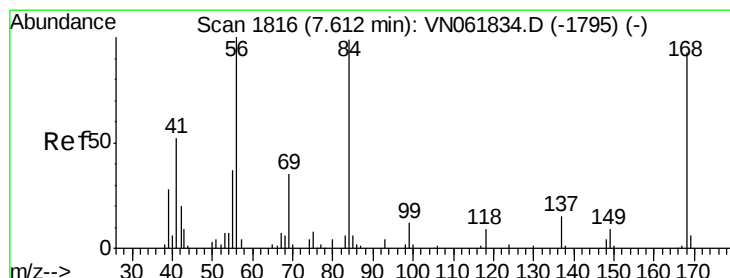
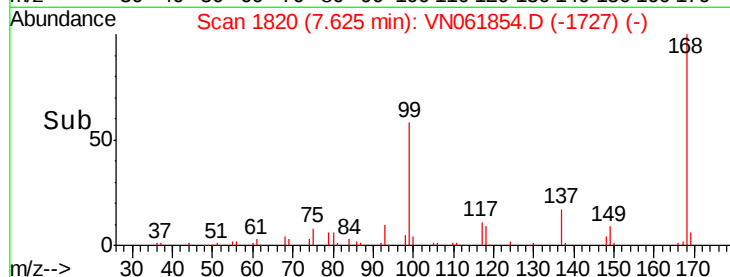
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.02 min

Lab File: VN061854.D

Acq: 17 Jun 2020 17:27

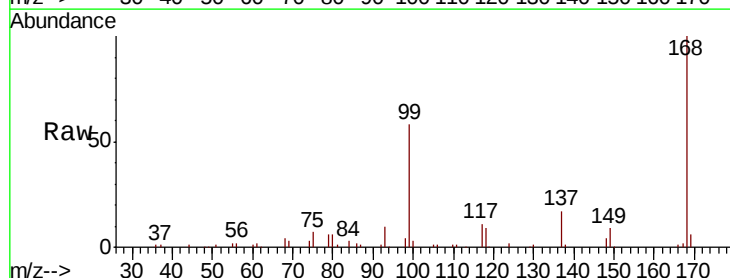
Tgt Ion: 56 Resp: 2642

Ion Ratio Lower Upper

56 100

69 162.3 27.7 41.5#

84 145.6 79.1 118.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

2500

2000

1500

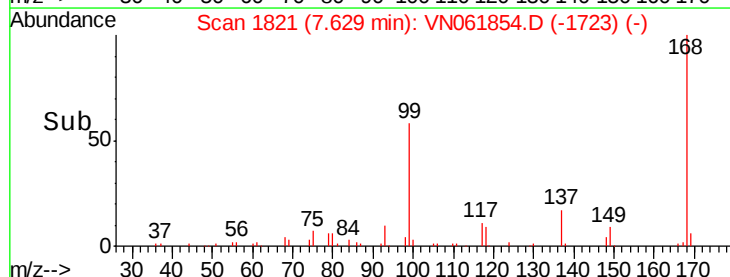
1000

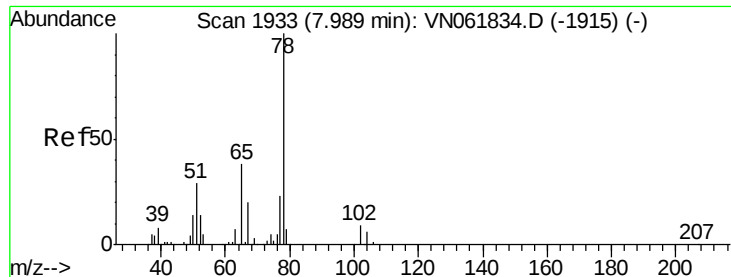
500

0

7.55 7.60 7.65 7.70

Time-->

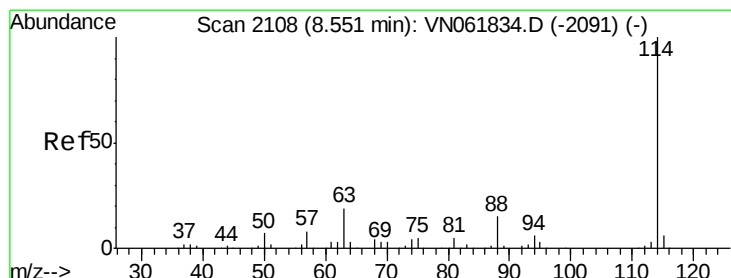
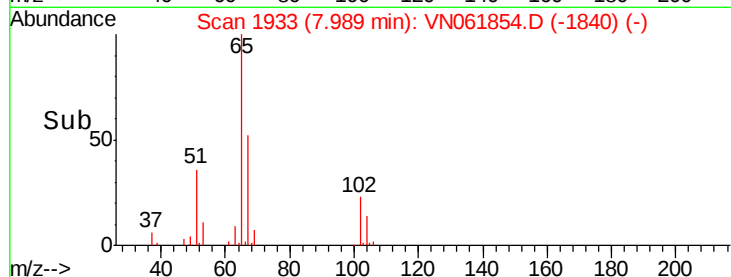
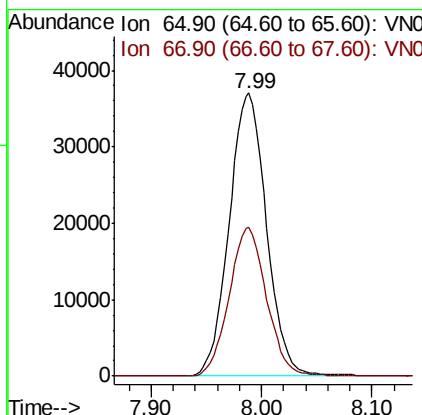
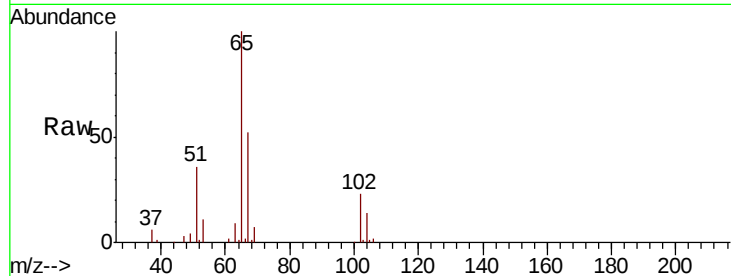




#33
 1,2-Dichloroethane-d4
 Concen: 49.133 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061854.D
 Acq: 17 Jun 2020 17:27

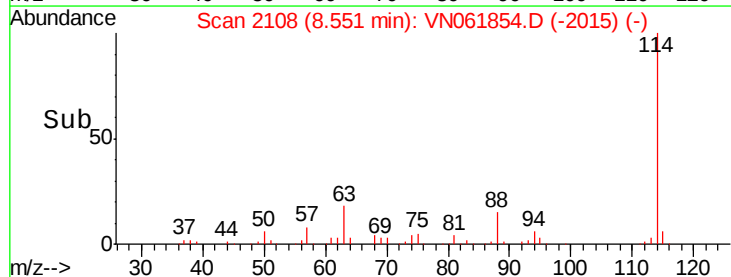
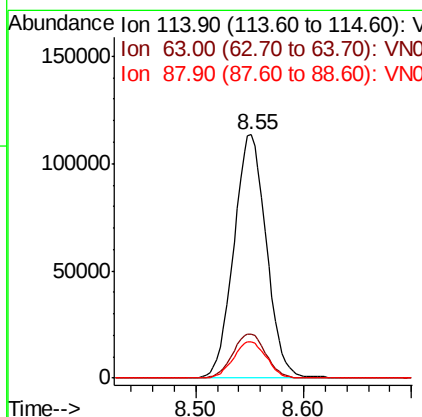
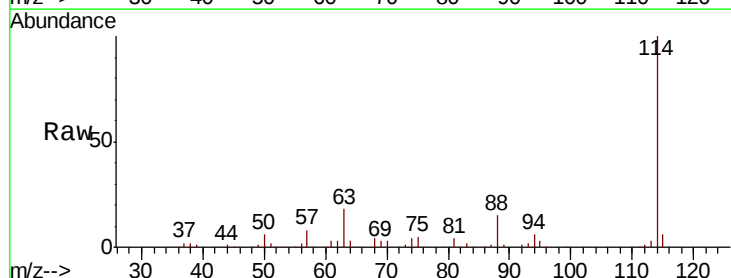
Instrument :
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 TB-02-200616

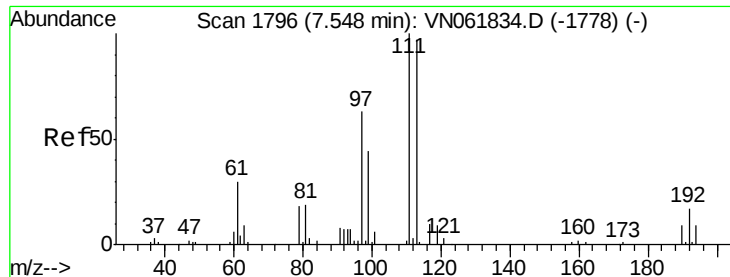
Tot Ion: 65 Resp: 86557
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061854.D
 Acq: 17 Jun 2020 17:27

Tgt Ion: 114 Resp: 238387
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 14.9 0.0 31.0

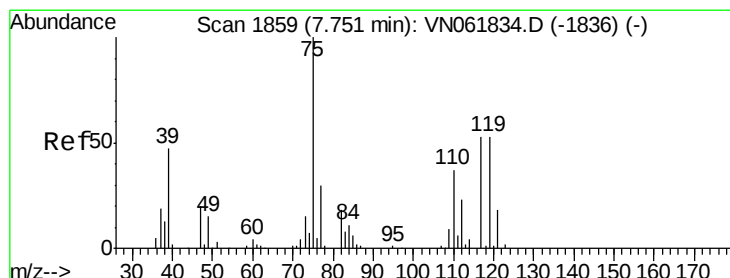
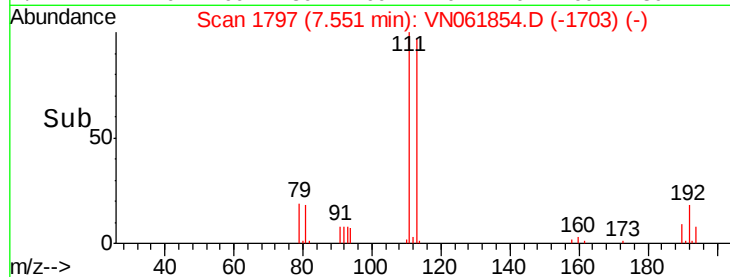
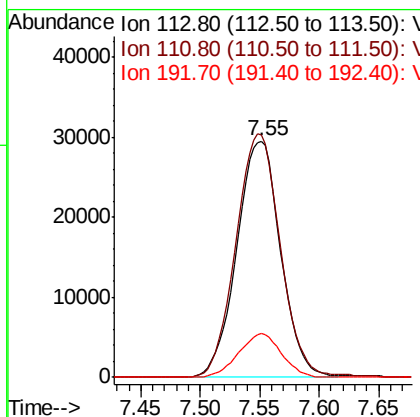
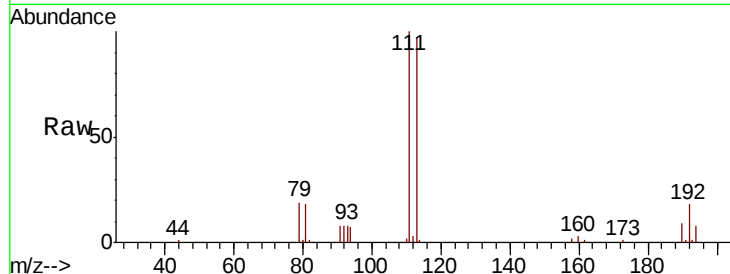




#35
 Dibromofluoromethane
 Concen: 49.488 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061854.D
 Acq: 17 Jun 2020 17:27

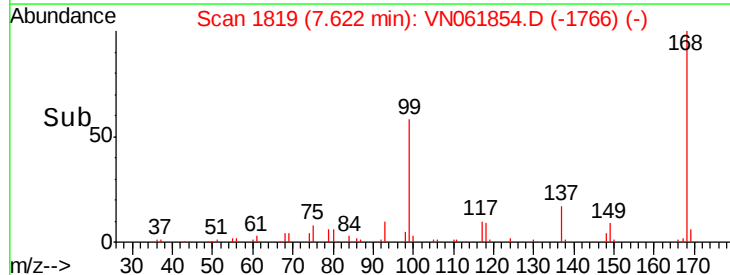
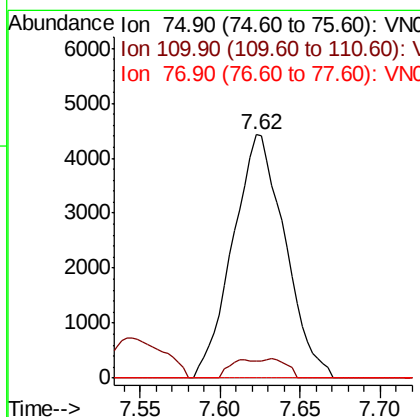
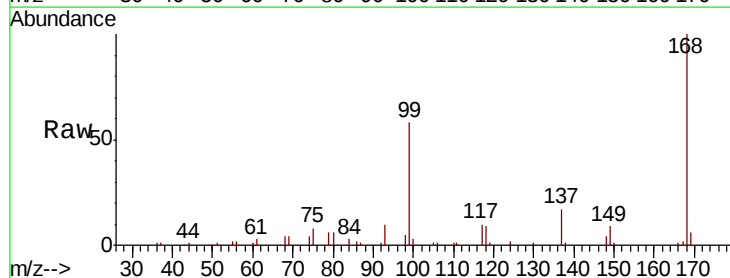
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-200616

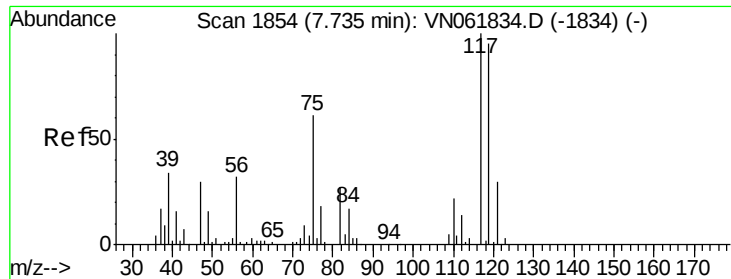
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.7	125.5
192	17.9	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 4.543 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061854.D
 Acq: 17 Jun 2020 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.9	18.2	54.6#
77	0.0	24.2	36.4#

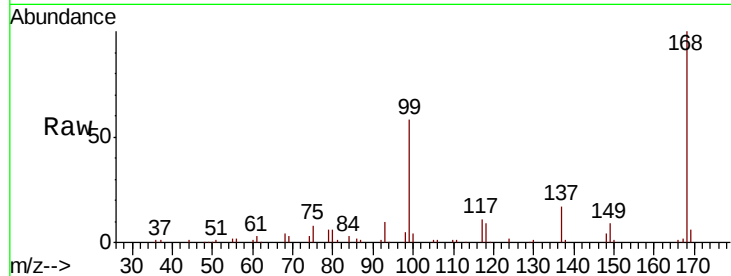




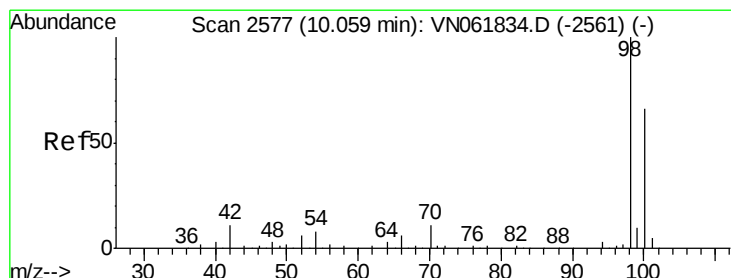
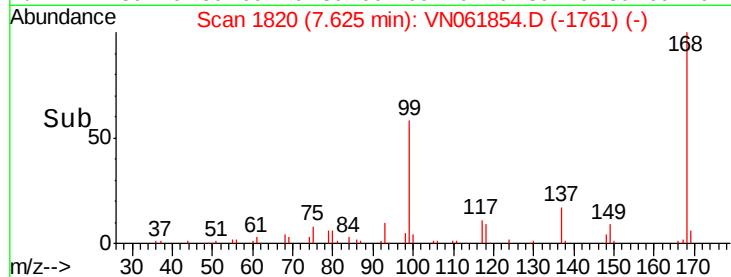
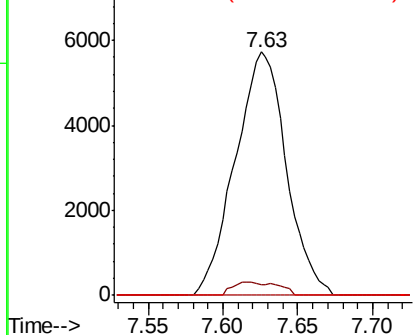
#38
Carbon Tetrachloride
Concen: 6.316 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TB-02-200616

Tot Ion:117 Resp: 13599
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 23.8 35.6#

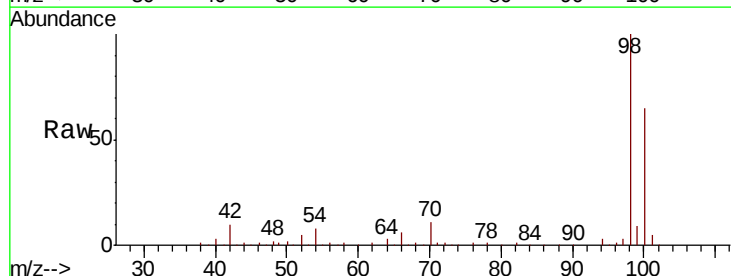


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

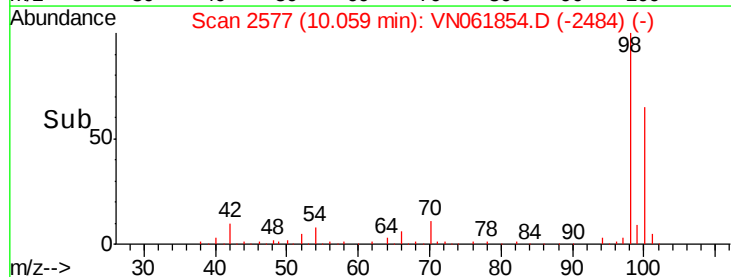
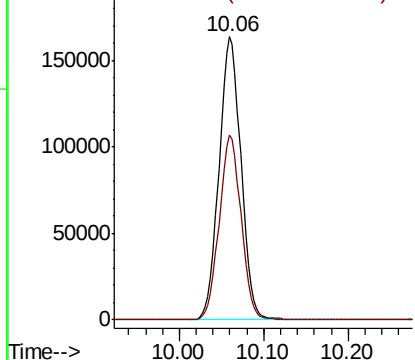


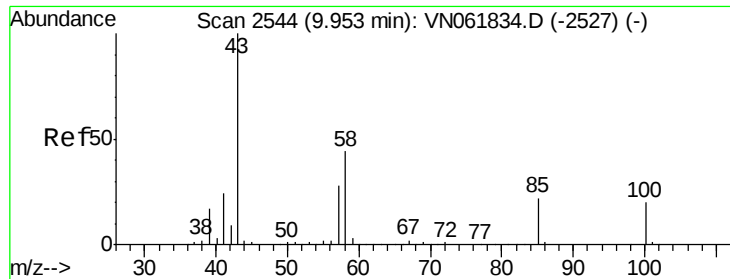
#50
Toluene-d8
Concen: 49.376 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

Tgt Ion: 98 Resp: 296046
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN

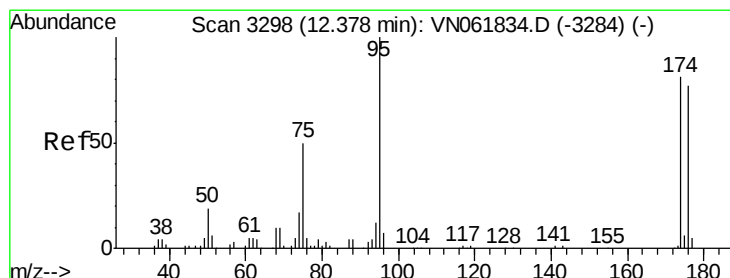
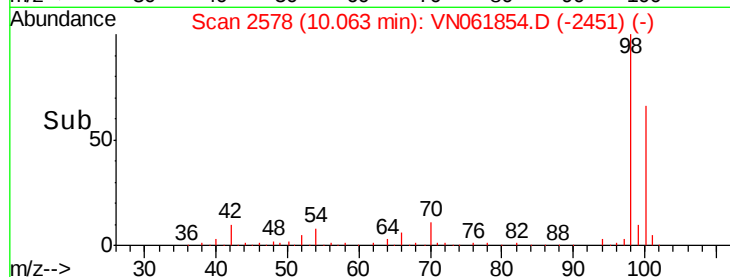
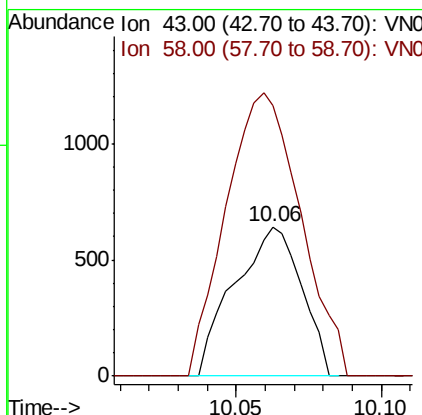
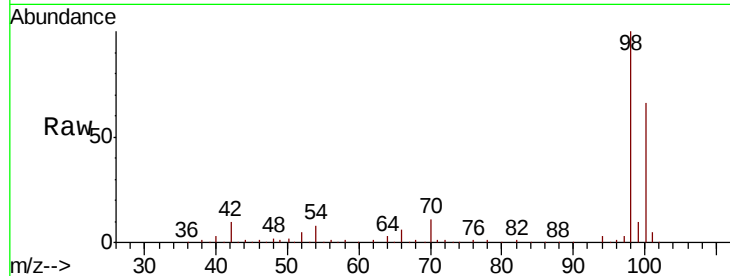




#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.11 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

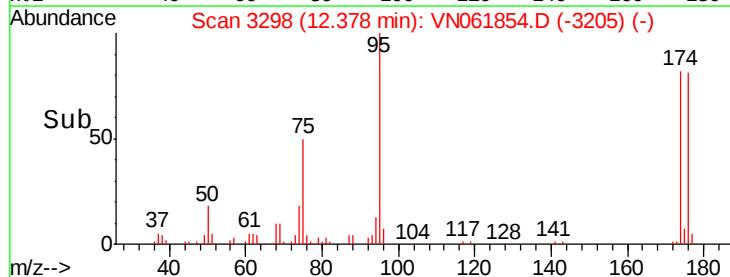
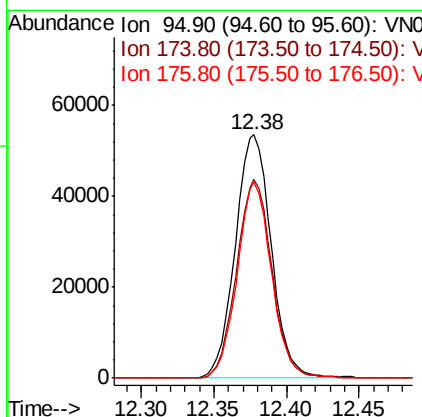
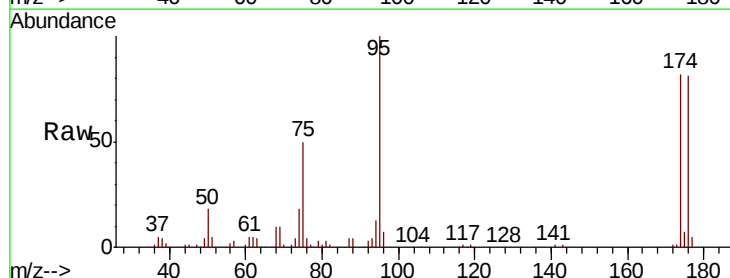
Instrument :
MSVOA_N
ClientSampleId :
TB-02-200616

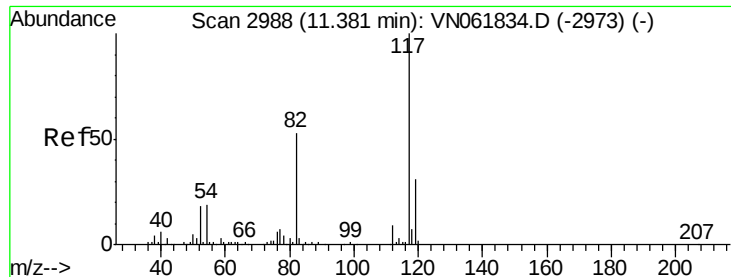
Tot Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
58 210.2 34.6 52.0#



#62
4-Bromofluorobenzene
Concen: 44.858 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

Tgt Ion: 95 Resp: 92256
Ion Ratio Lower Upper
95 100
174 80.4 0.0 158.6
176 76.9 0.0 152.0

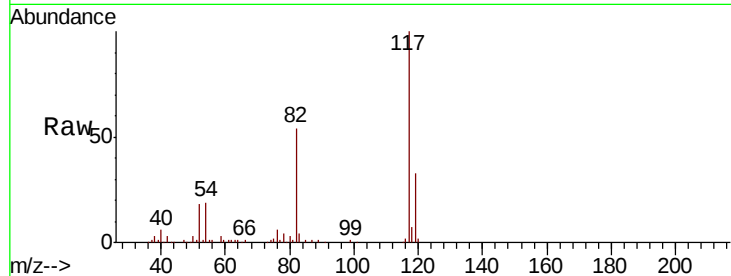




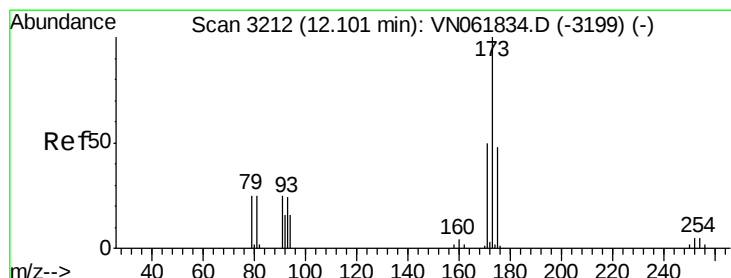
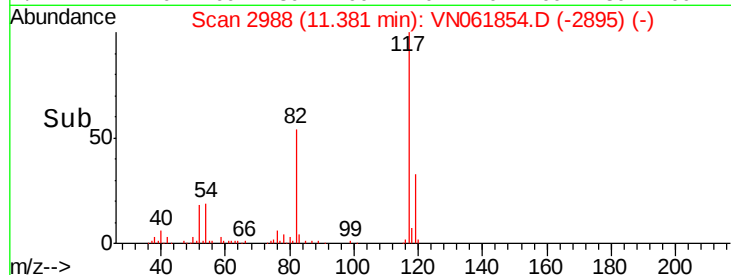
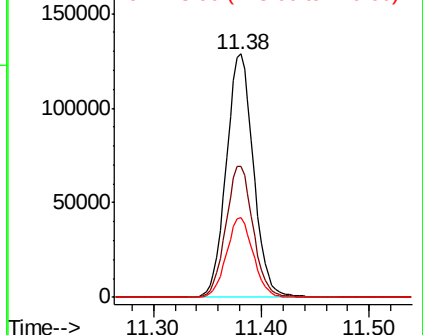
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
TB-02-200616

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.6	64.0
119	32.9	24.7	37.1

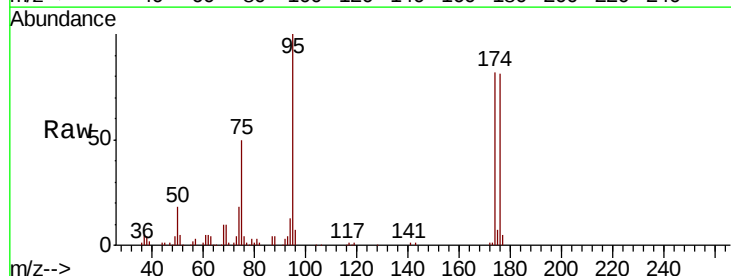


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

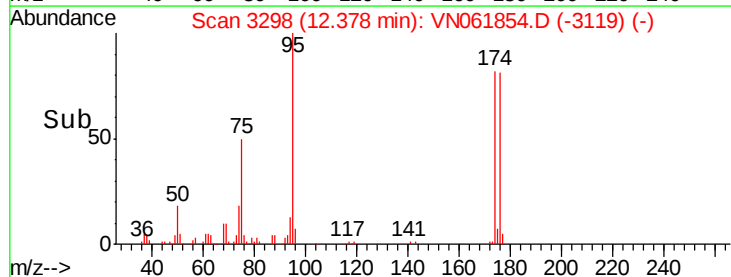
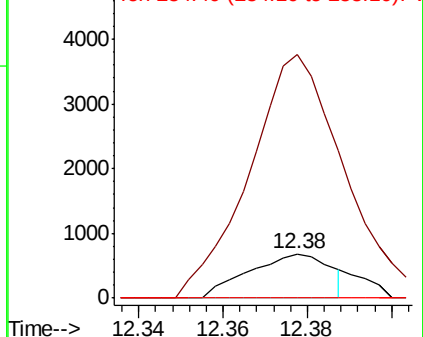


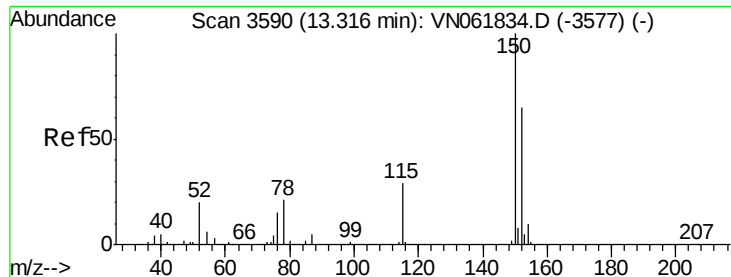
#71
Bromoform
Concen: 0.754 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061854.D
Acq: 17 Jun 2020 17:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	541.3	23.9	71.7#
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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061854.D

Acq: 17 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

TB-02-200616

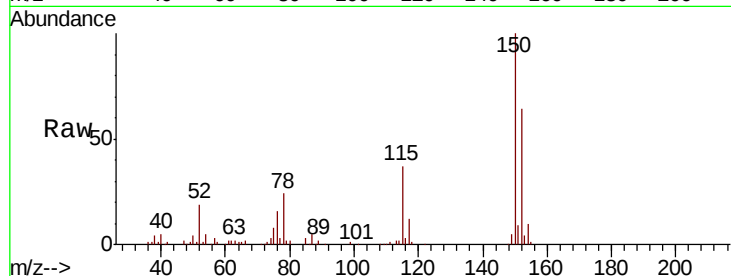
Tot Ion:152 Resp: 82512

Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.3

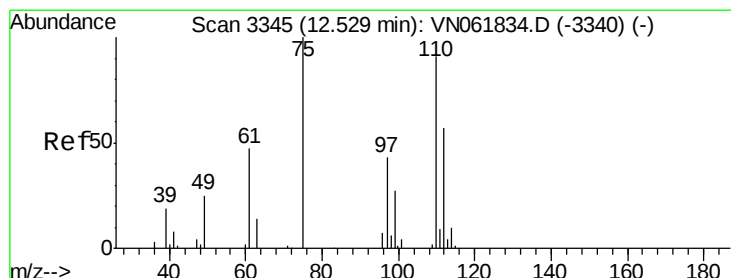
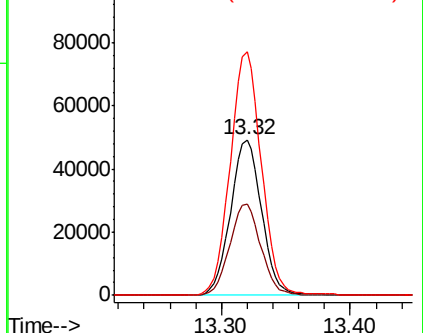
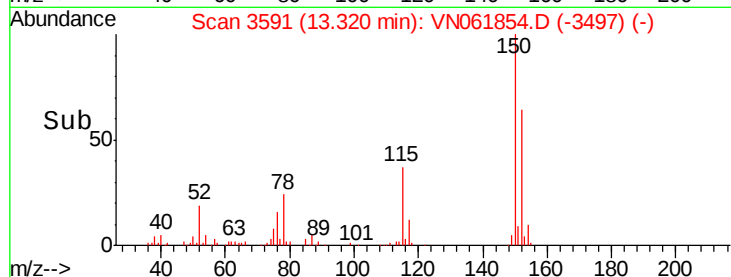
150 156.0 0.0 347.6



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: 28.286 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061854.D

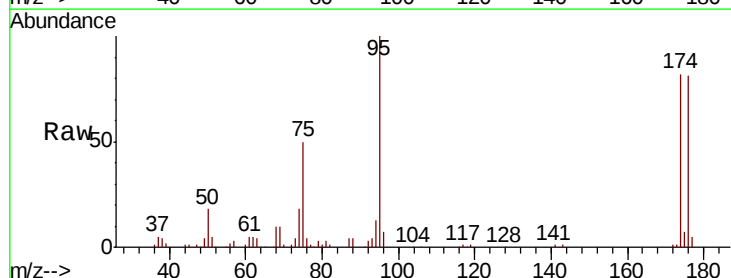
Acq: 17 Jun 2020 17:27

Tgt Ion: 75 Resp: 45821

Ion Ratio Lower Upper

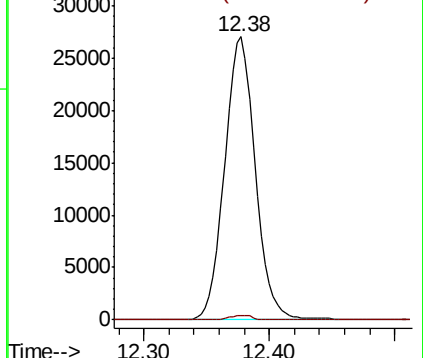
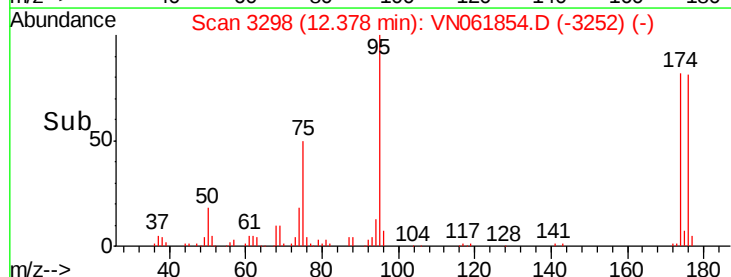
75 100

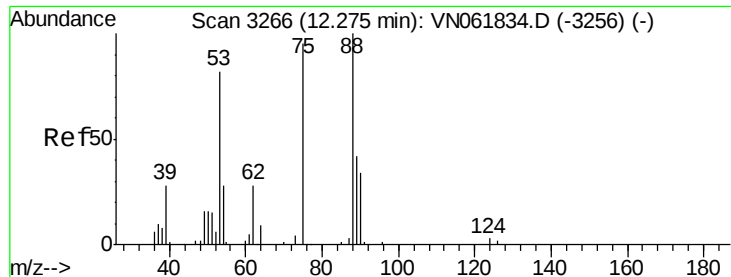
77 1.1 0.0 0.0#



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: 77.148 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN061854.D

Acq: 17 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

TB-02-200616

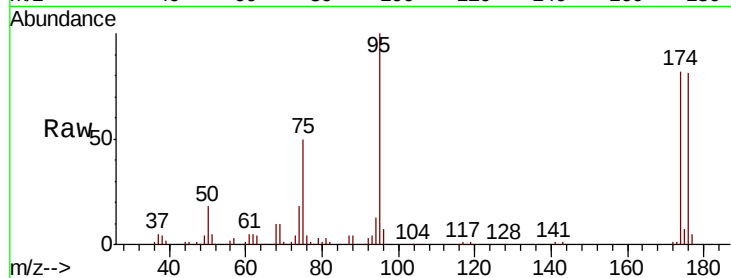
Tot Ion: 75 Resp: 45821

Ion Ratio Lower Upper

75 100

53 0.0 70.4 105.6#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO

