

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
 Data File : VN063621.D
 Acq On : 24 Sep 2020 12:12
 Operator : JC/MD
 Sample : VN0924WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

Quant Time: Sep 24 16:50:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165500	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	177713	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	131375	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.06	98	508807	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	196866	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

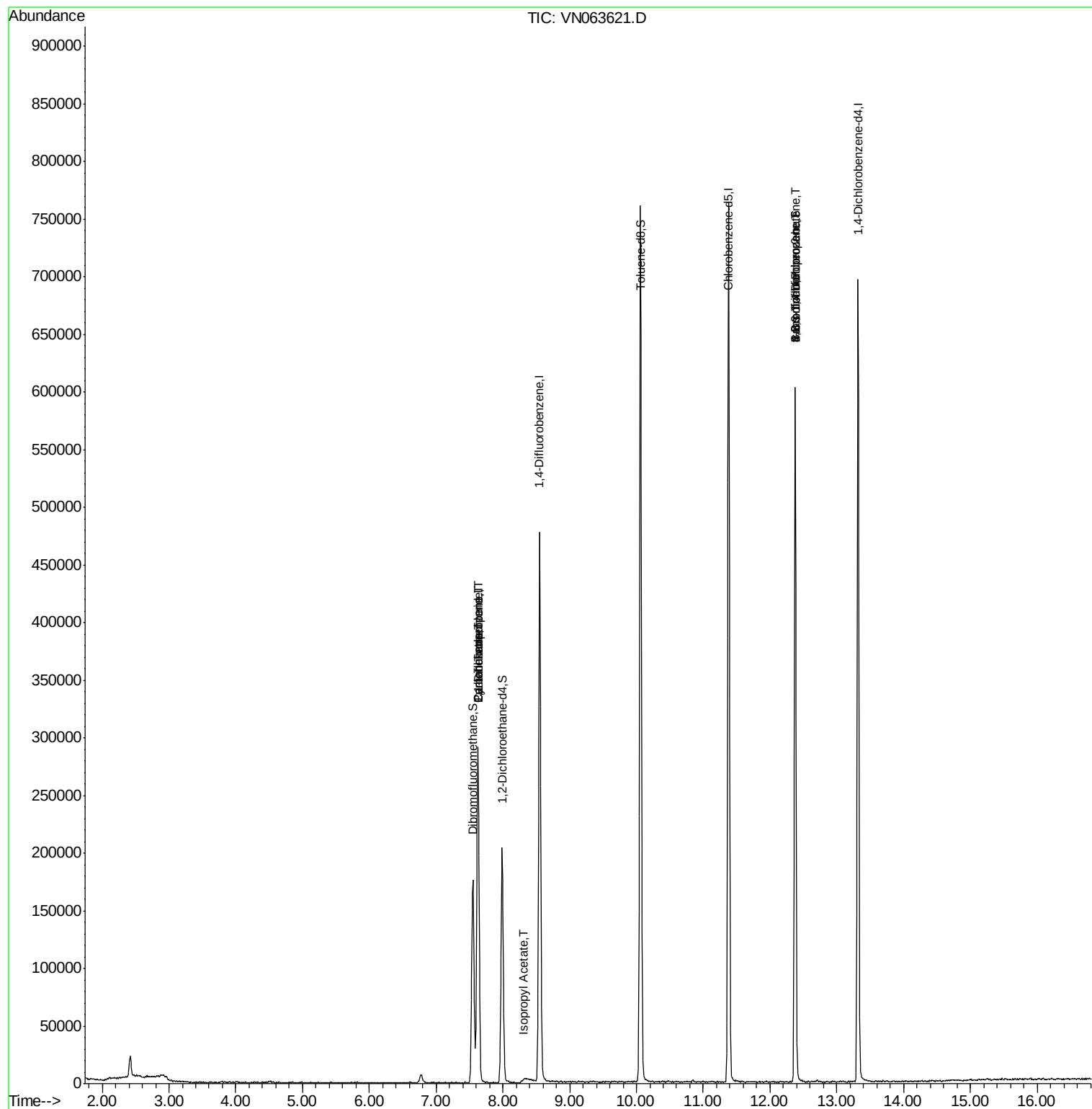
Target Compounds						Qvalue
31) Cyclohexane	7.63	56	6744	1.349	ug/l #	22
36) 1,1-Dichloropropene	7.63	75	19865	4.746	ug/l #	50
38) Carbon Tetrachloride	7.63	117	23960	5.608	ug/l #	18
43) Isopropyl Acetate	8.30	43	1626	0.221	ug/l #	64
71) Bromoform	12.38	173	1849	0.804	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	110306	26.928	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	110306	73.826	ug/l #	7

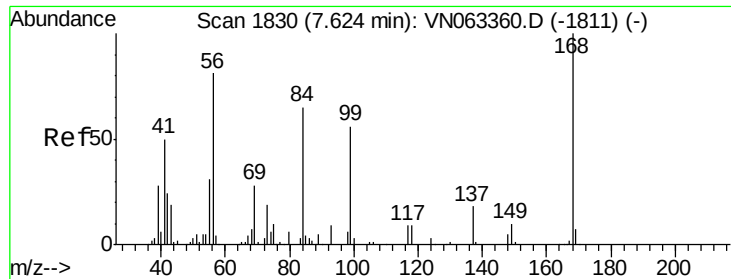
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

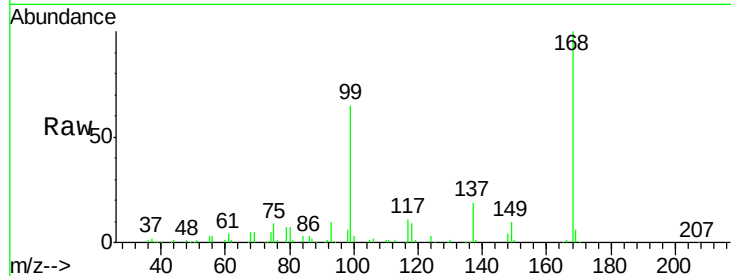
VN0924WBL01

Tgt Ion:168 Resp: 212611

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

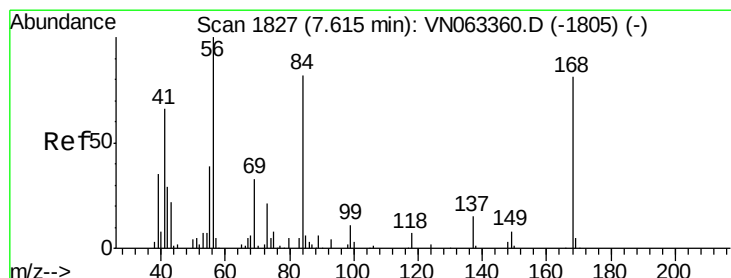
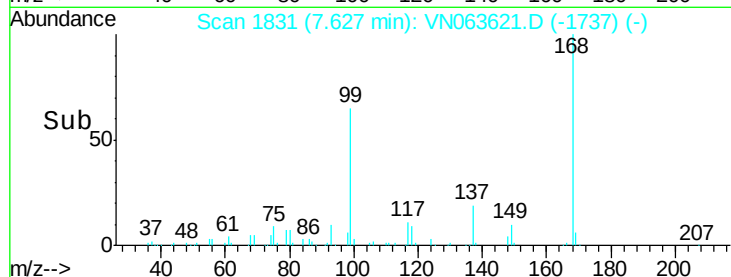
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 1.349 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

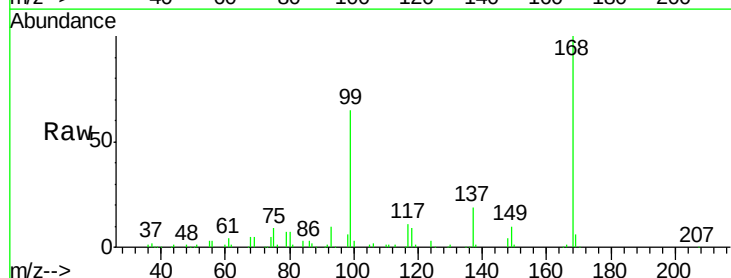
Tgt Ion: 56 Resp: 6744

Ion Ratio Lower Upper

56 100

69 157.9 26.1 39.1#

84 100.3 65.4 98.2#



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

5000

4000

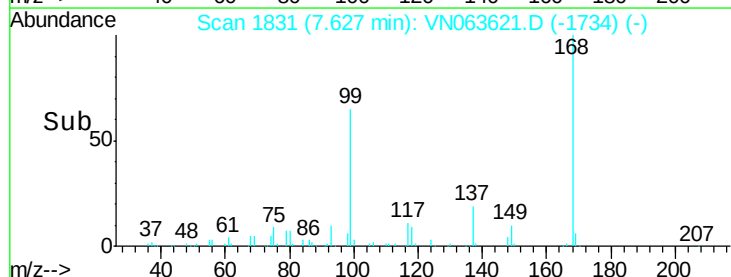
3000

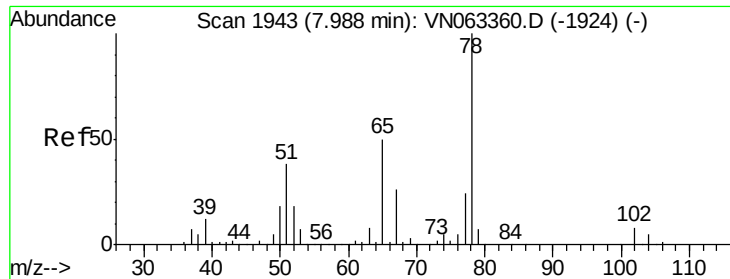
2000

1000

0

Time--> 7.55 7.60 7.65 7.70

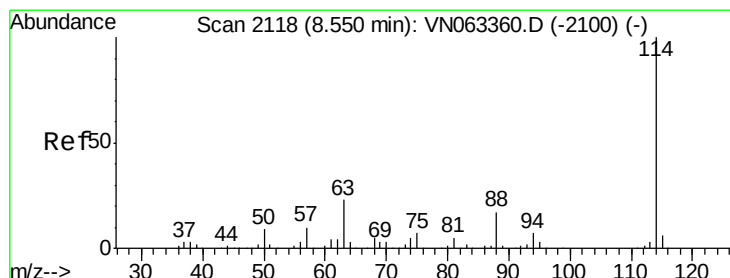
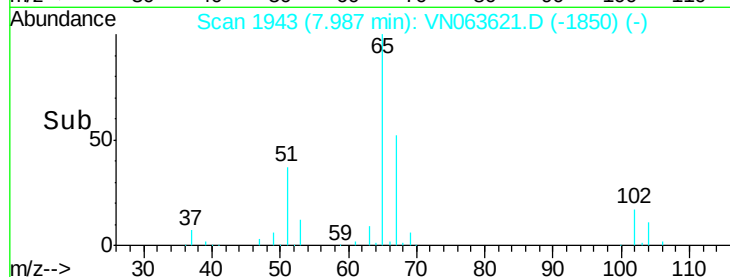
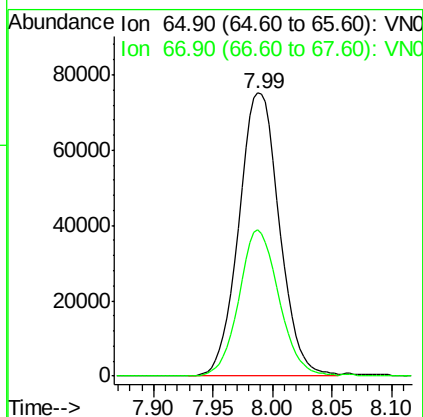
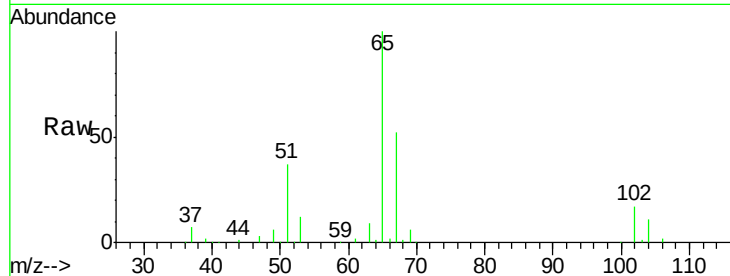




#33
 1,2-Dichloroethane-d4
 Concen: 49.103 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063621.D
 Acq: 24 Sep 2020 12:12

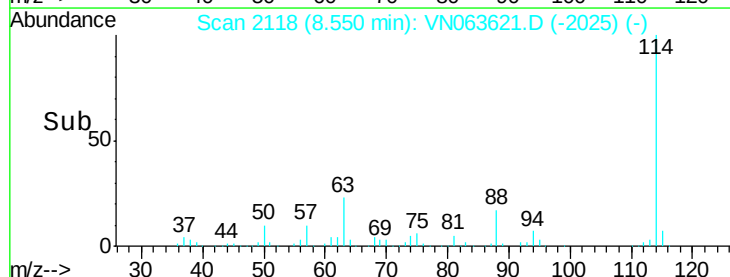
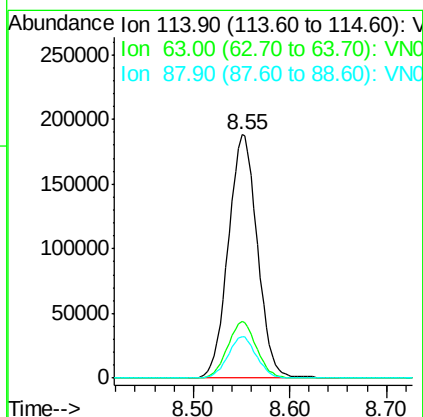
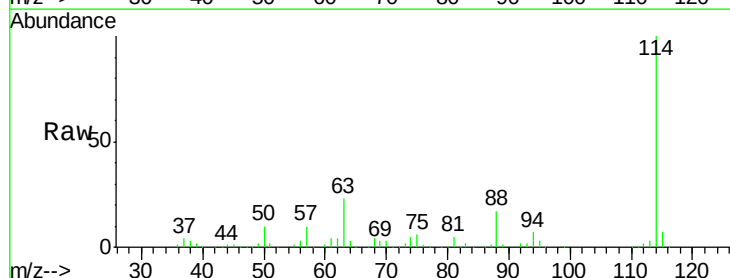
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

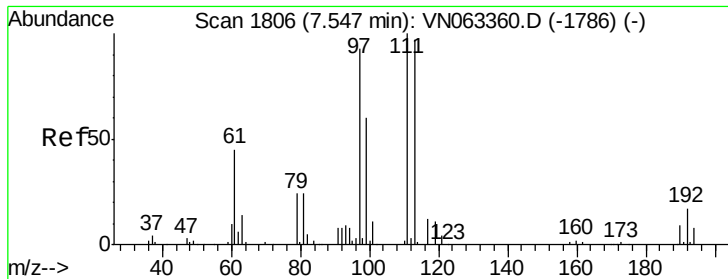
Tgt Ion: 65 Resp: 177713
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063621.D
 Acq: 24 Sep 2020 12:12

Tgt Ion: 114 Resp: 392850
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.0 0.0 33.2

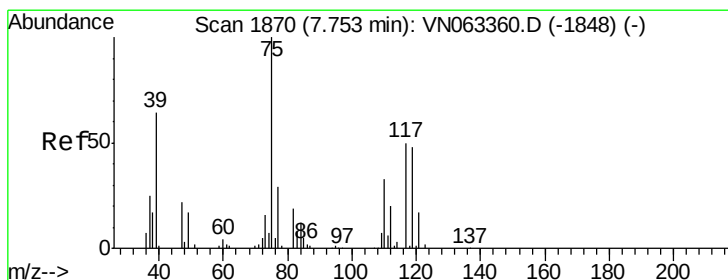
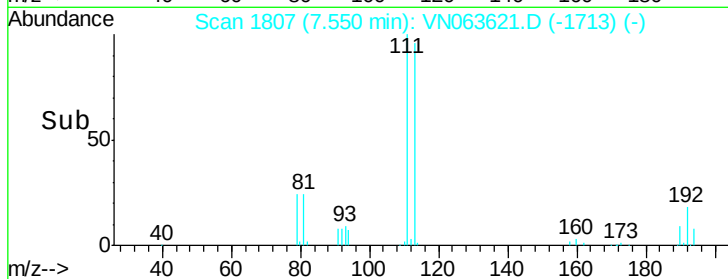
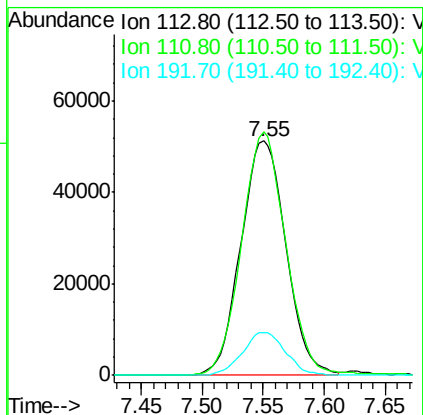
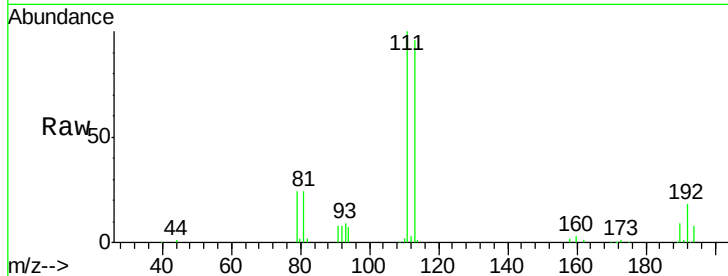




#35
 Dibromofluoromethane
 Concen: 48.306 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063621.D
 Acq: 24 Sep 2020 12:12

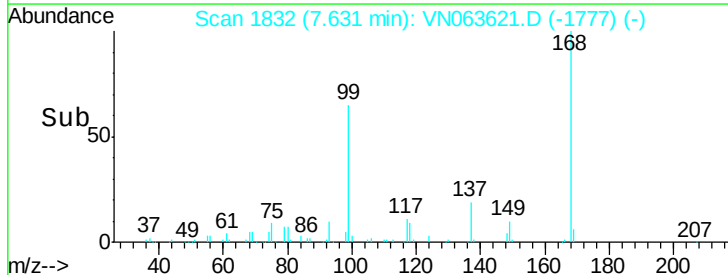
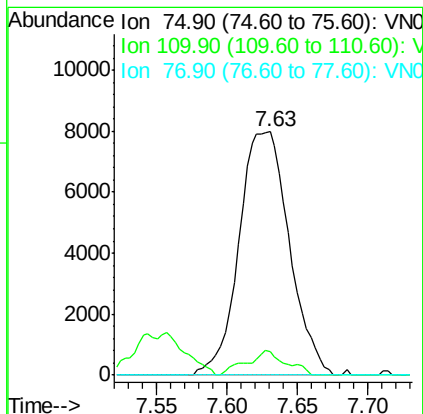
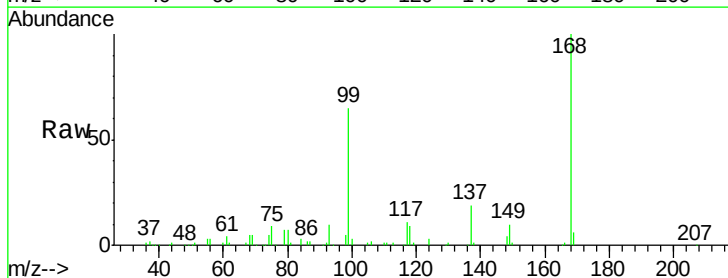
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBL01

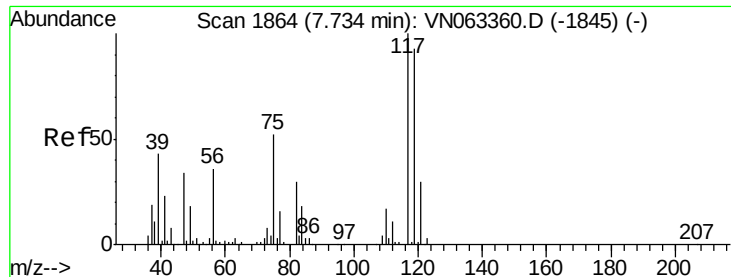
Tgt Ion:113 Resp: 131375
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.12 min
 Lab File: VN063621.D
 Acq: 24 Sep 2020 12:12

Tgt Ion: 75 Resp: 19865
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.608 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0924WBL01

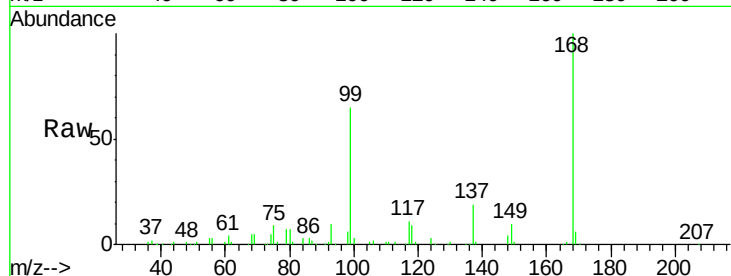
Tgt Ion:117 Resp: 23960

Ion Ratio Lower Upper

117 100

119 5.8 74.5 111.7#

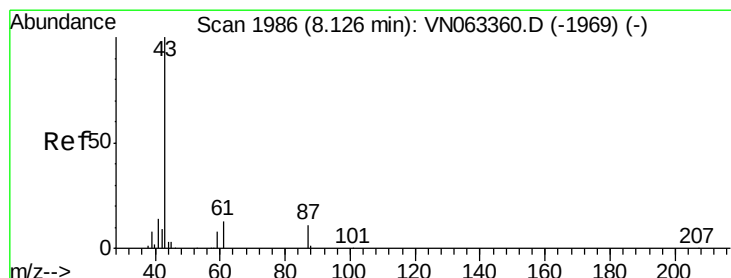
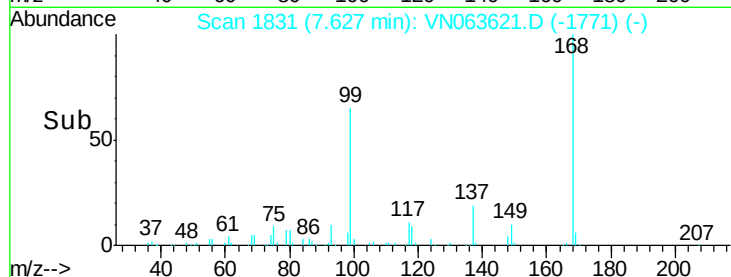
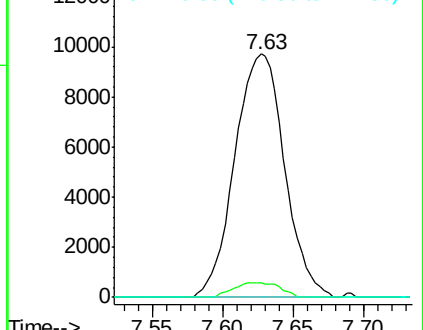
121 0.0 24.1 36.1#



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



#43

Isopropyl Acetate

Concen: 0.221 ug/l

RT: 8.30 min Scan# 2039

Delta R.T. 0.17 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

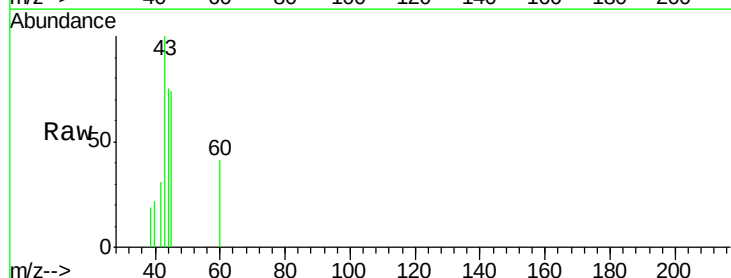
Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

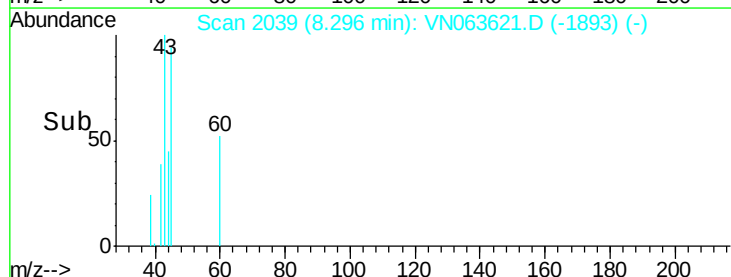
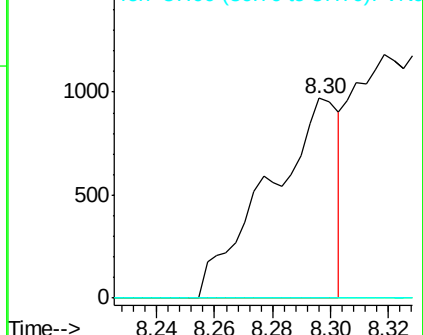
87 0.0 9.0 13.6#

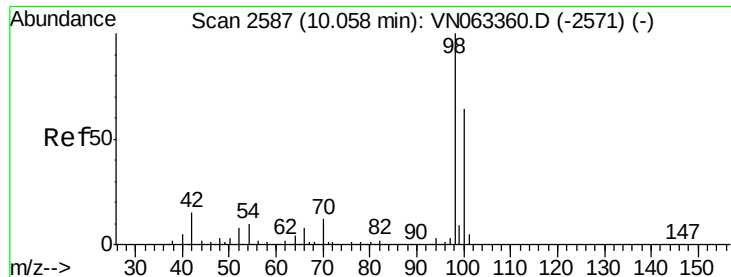


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.755 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

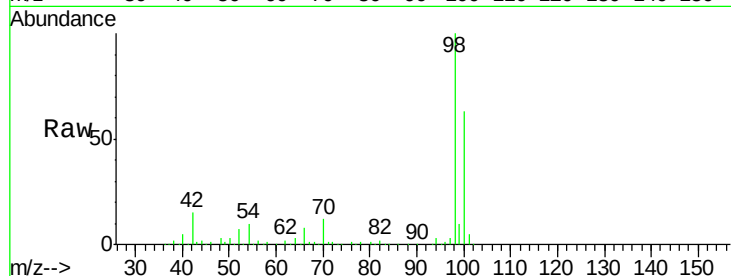
VN0924WBL01

Tgt Ion: 98 Resp: 508807

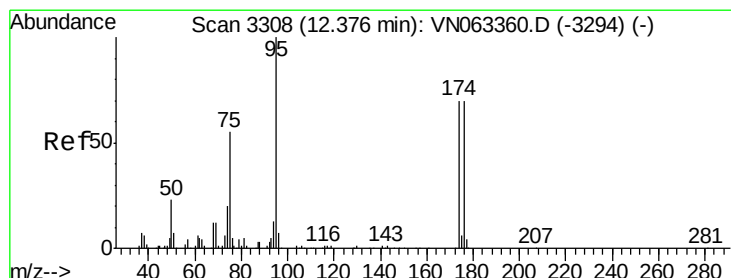
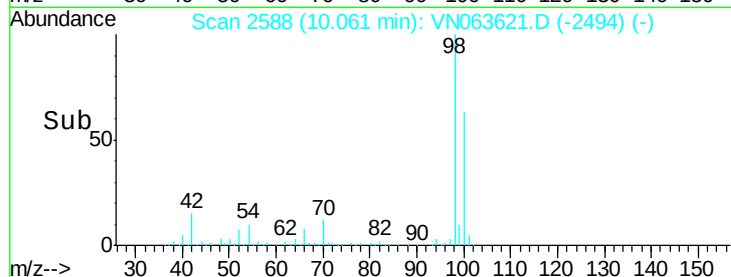
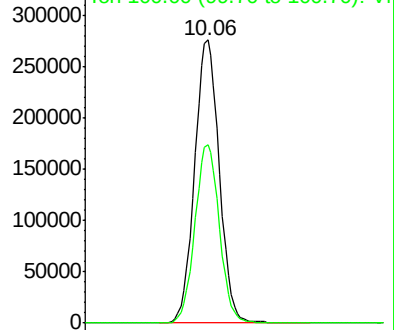
Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 52.515 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

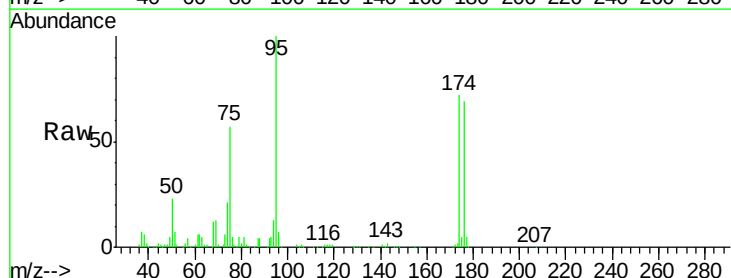
Tgt Ion: 95 Resp: 196866

Ion Ratio Lower Upper

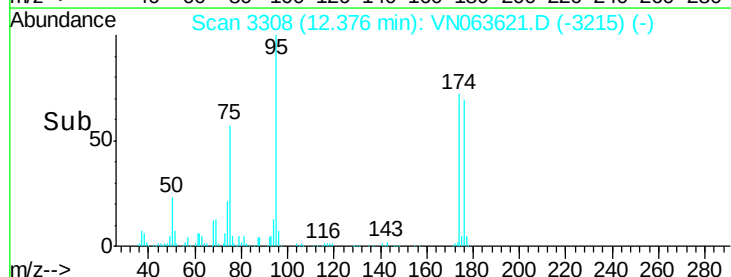
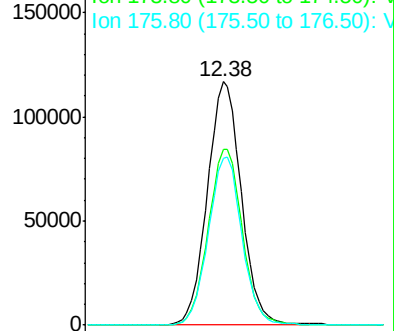
95 100

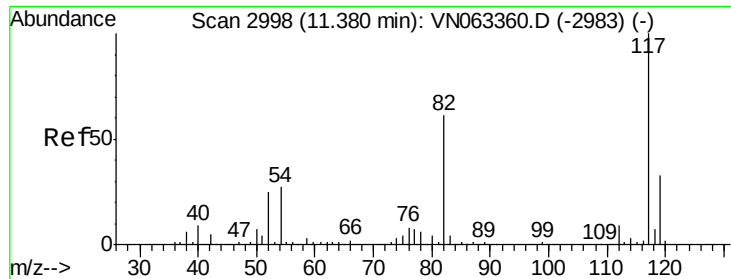
174 72.4 0.0 140.8

176 68.7 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

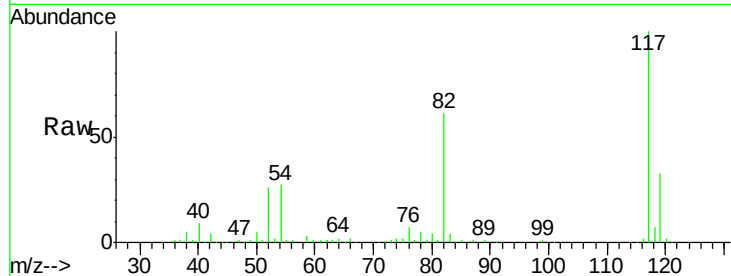




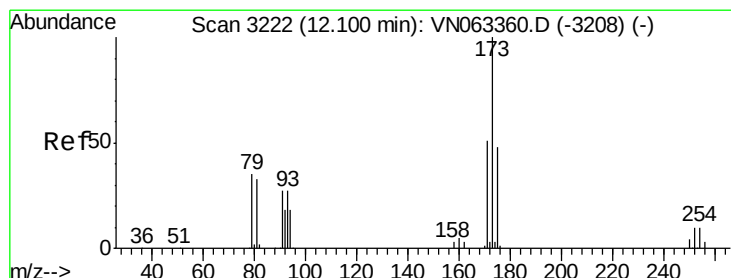
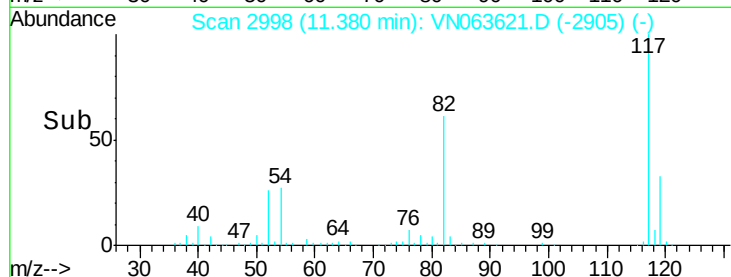
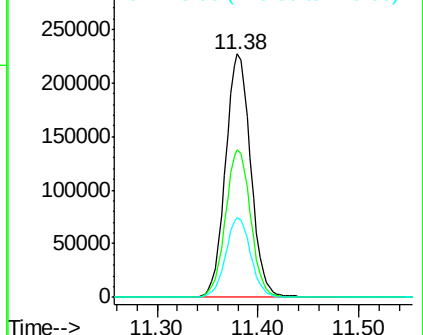
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063621.D
Acq: 24 Sep 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBL01

Tgt Ion:117 Resp: 396689
Ion Ratio Lower Upper
117 100
82 60.8 49.2 73.8
119 32.8 26.2 39.4

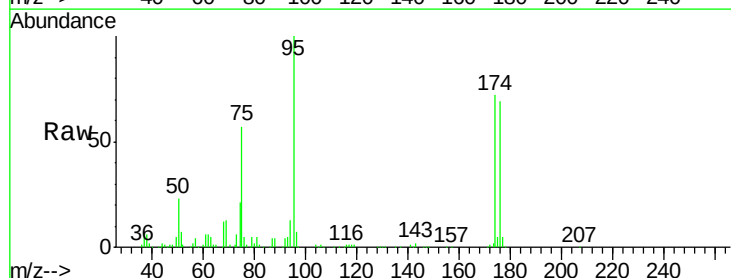


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

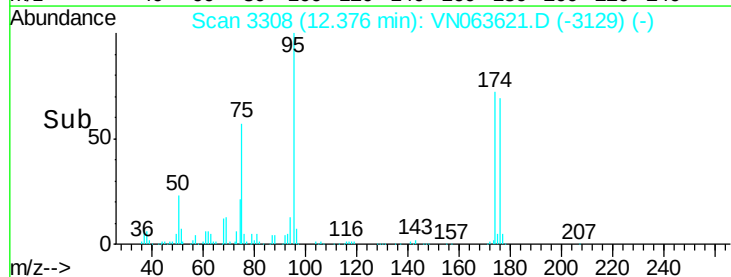
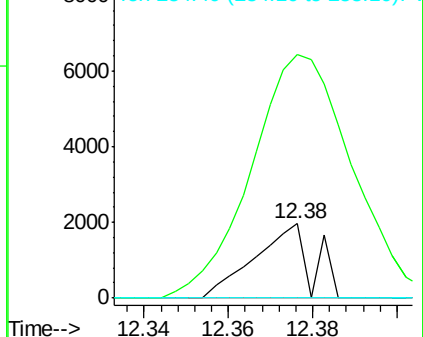


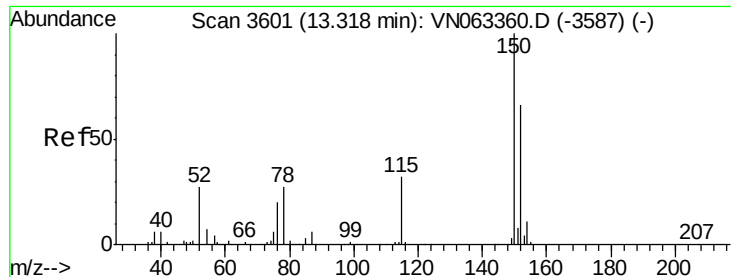
#71
Bromoform
Concen: 0.804 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063621.D
Acq: 24 Sep 2020 12:12

Tgt Ion:173 Resp: 1849
Ion Ratio Lower Upper
173 100
175 469.8 24.0 72.0#
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# 3601

Delta R.T. -0.00 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

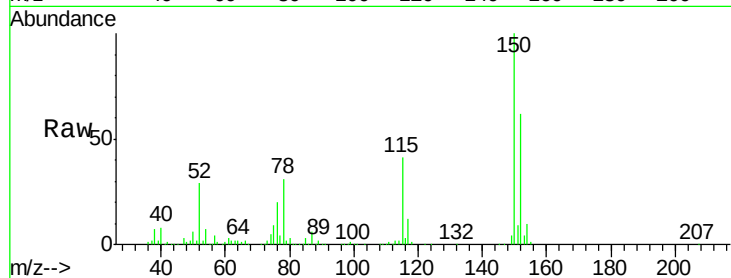
Tgt Ion:152 Resp: 165500

Ion Ratio Lower Upper

152 100

115 65.4 32.2 96.6

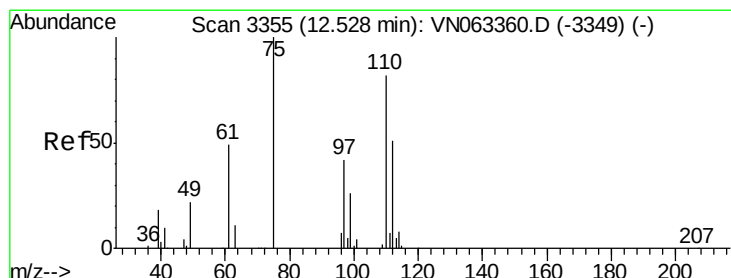
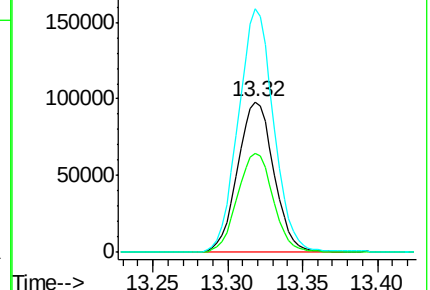
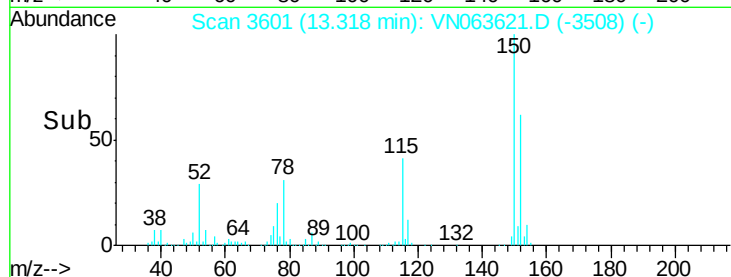
150 158.7 0.0 343.4



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: 26.928 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063621.D

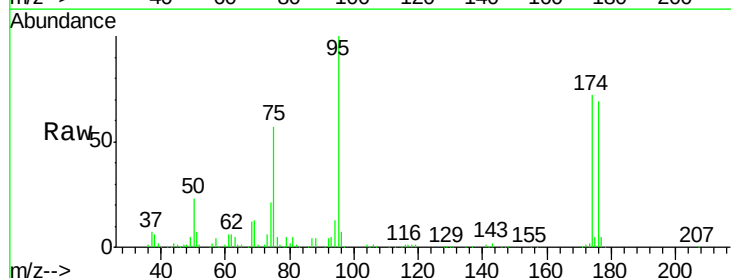
Acq: 24 Sep 2020 12:12

Tgt Ion: 75 Resp: 110306

Ion Ratio Lower Upper

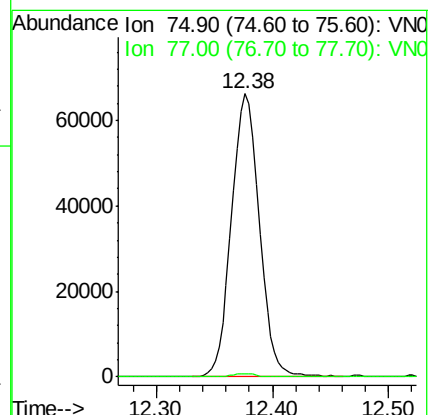
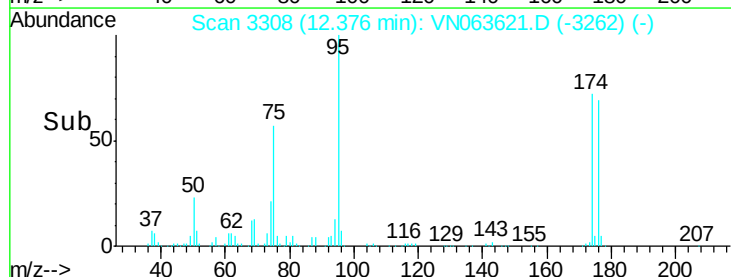
75 100

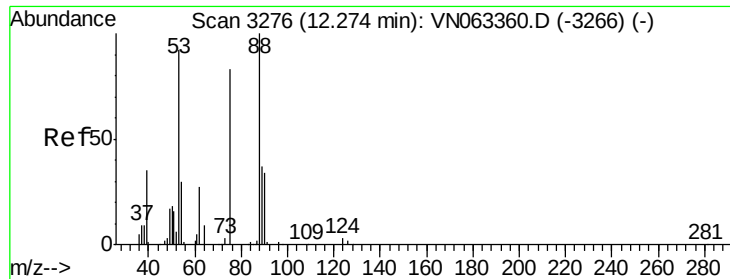
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 73.826 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063621.D

Acq: 24 Sep 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBL01

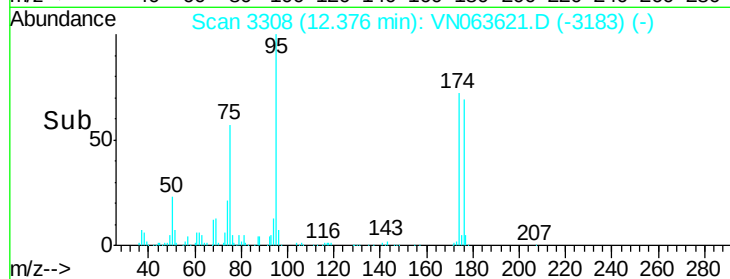
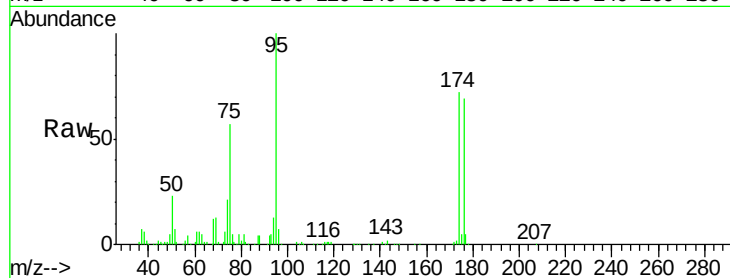
Tgt Ion: 75 Resp: 110306

Ion Ratio Lower Upper

75 100

53 0.1 85.7 128.5#

89 0.0 38.0 57.0#



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

