

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
 Data File : VN063724.D
 Acq On : 29 Sep 2020 13:47
 Operator : JC/MD
 Sample : L4162-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20200924

Quant Time: Sep 29 14:36:36 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

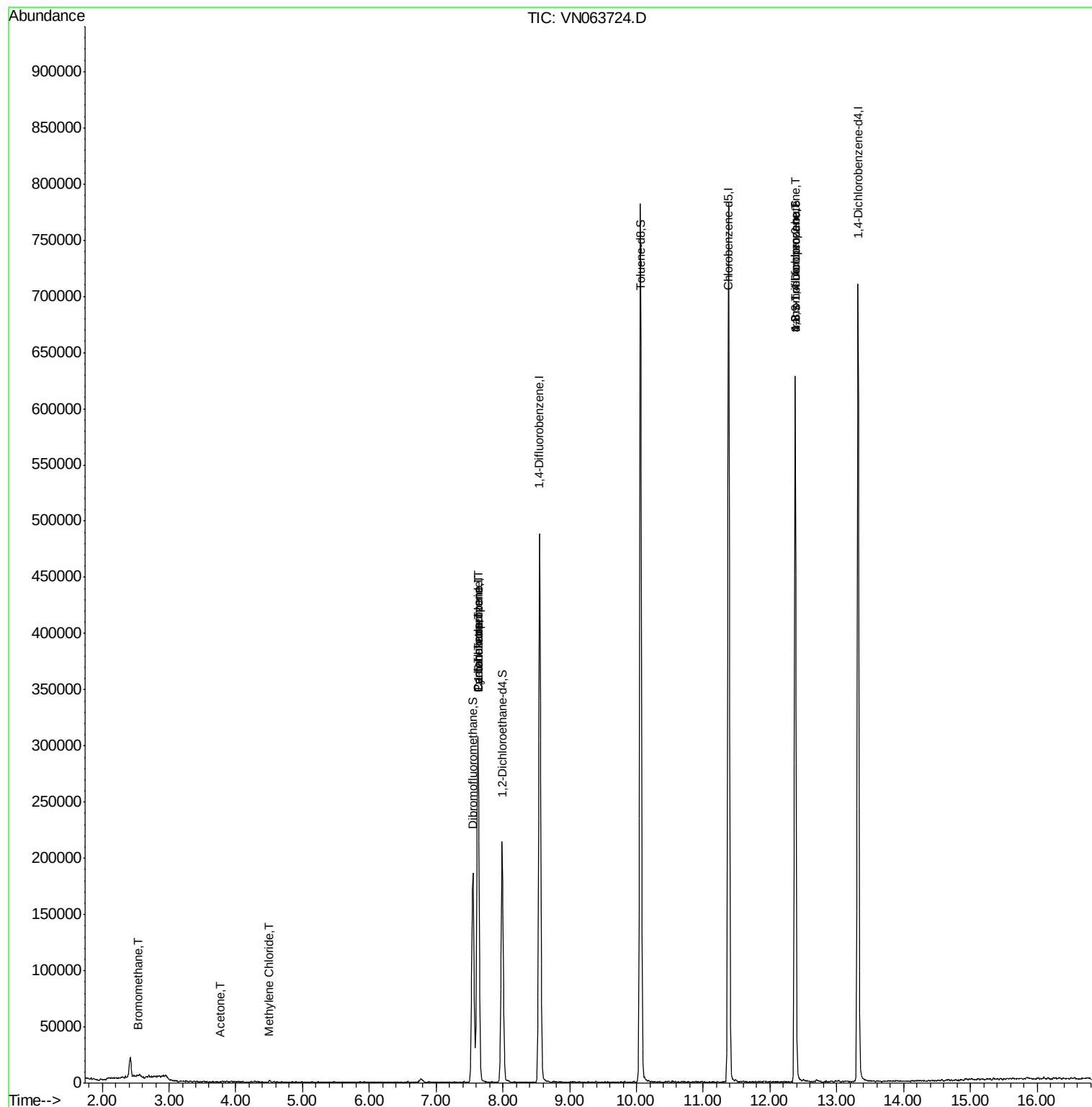
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	226662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187103	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	7.55	113	134276	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
50) Toluene-d8	10.06	98	521462	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	12.38	95	206526	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.53	94	360	0.201	ug/l	85
16) Acetone	3.77	43	317	0.256	ug/l #	47
20) Methylene Chloride	4.51	84	802	0.255	ug/l #	60
31) Cyclohexane	7.62	56	6425	1.206	ug/l #	26
36) 1,1-Dichloropropene	7.63	75	20707	4.648	ug/l #	51
38) Carbon Tetrachloride	7.63	117	25308	5.565	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	116597	26.869	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	116597	73.665	ug/l #	7

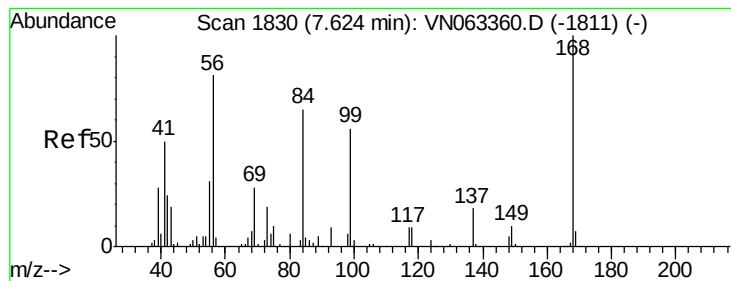
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092920\
Data File : VN063724.D
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Sample : L4162-04
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TT-TB-20200924

Quant Time: Sep 29 14:36:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

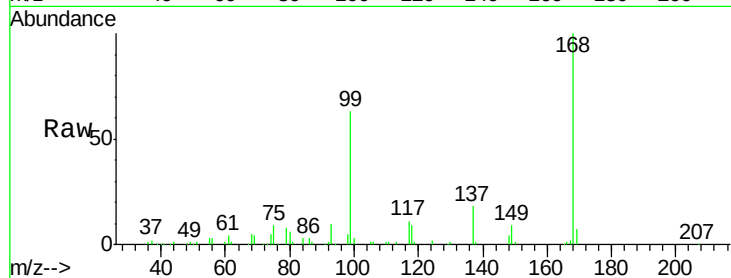
TT-TB-20200924

Tgt Ion:168 Resp: 226662

Ion Ratio Lower Upper

168 100

99 63.1 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

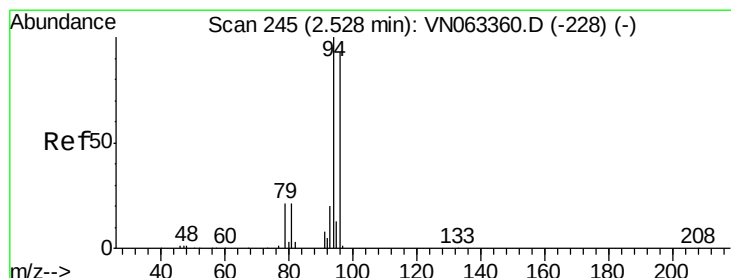
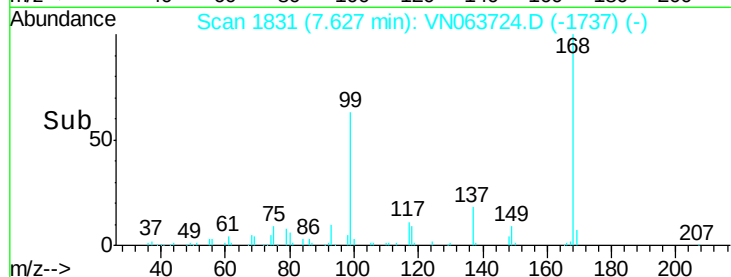
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.201 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063724.D

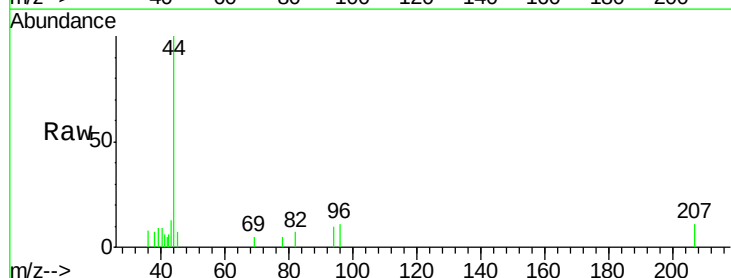
Acq: 29 Sep 2020 13:47

Tgt Ion: 94 Resp: 360

Ion Ratio Lower Upper

94 100

96 107.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.53

400

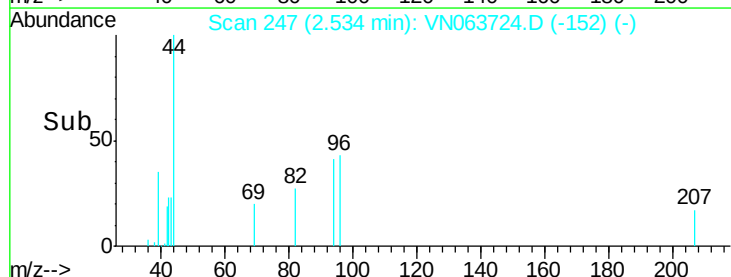
300

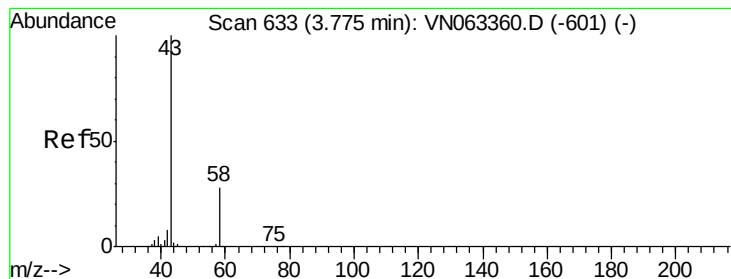
200

100

0

Time--> 2.51 2.52 2.53 2.54 2.55





#16

Acetone

Concen: 0.256 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

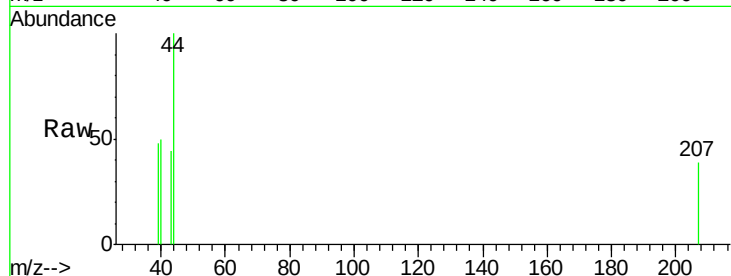
TT-TB-20200924

Tgt Ion: 43 Resp: 317

Ion Ratio Lower Upper

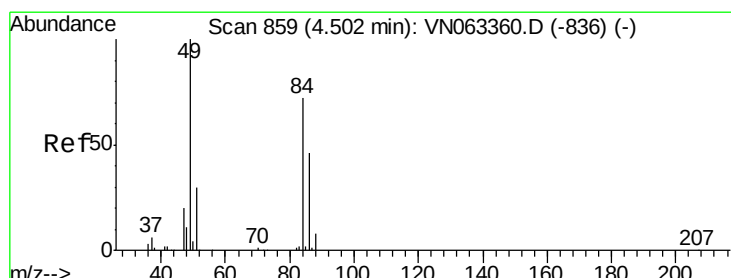
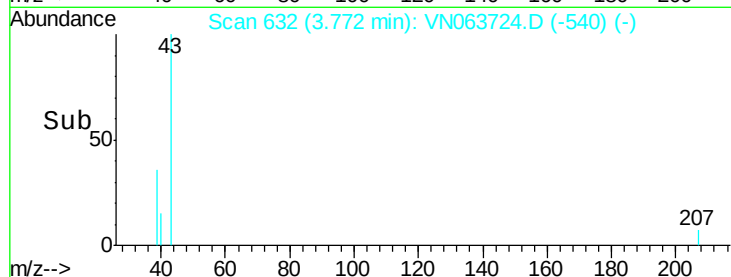
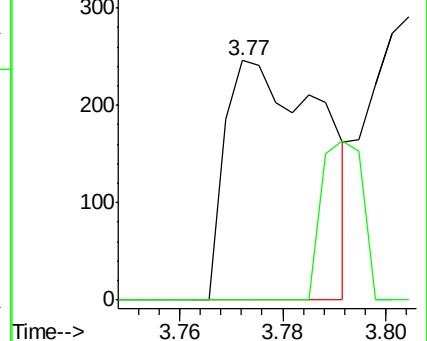
43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 0.255 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Tgt Ion: 84 Resp: 802

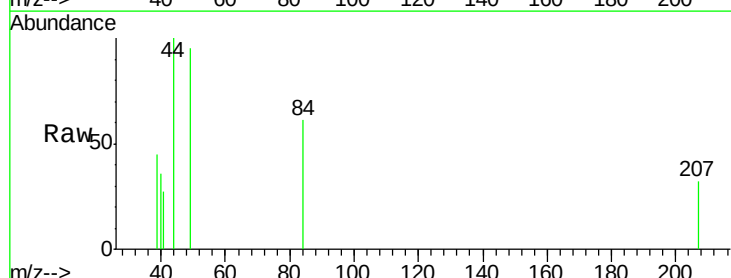
Ion Ratio Lower Upper

84 100

49 154.4 110.7 166.1

51 0.0 32.9 49.3#

86 0.0 51.1 76.7#

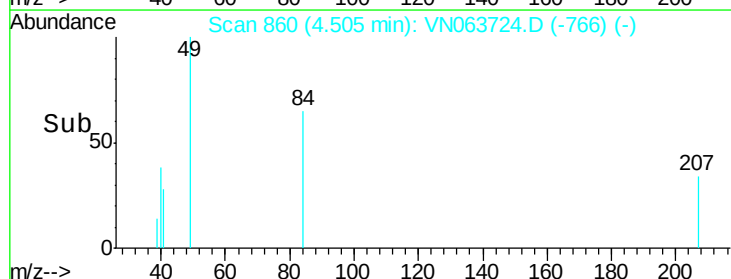
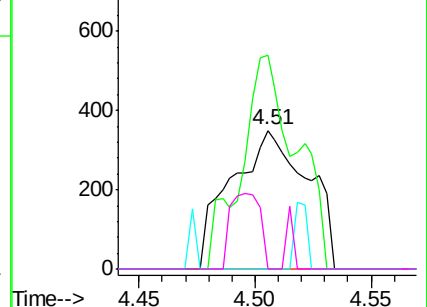


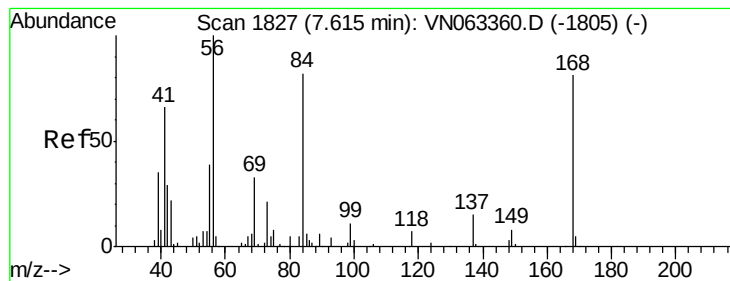
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20200924

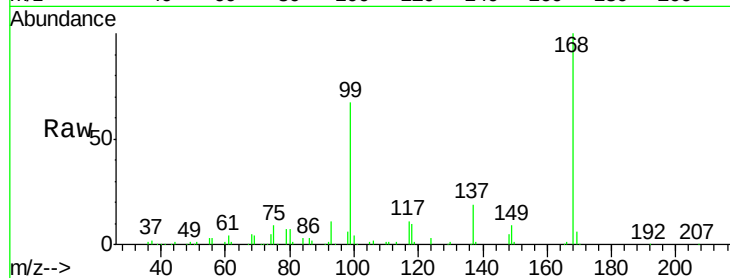
Tgt Ion: 56 Resp: 6425

Ion Ratio Lower Upper

56 100

69 141.4 26.1 39.1#

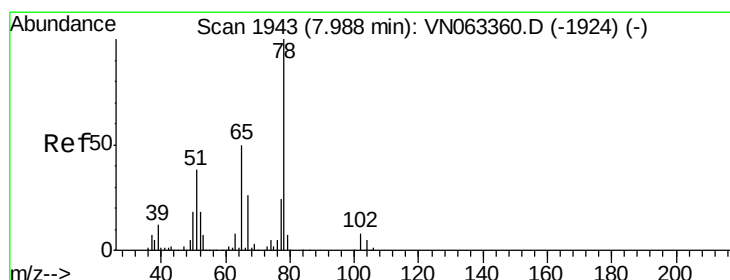
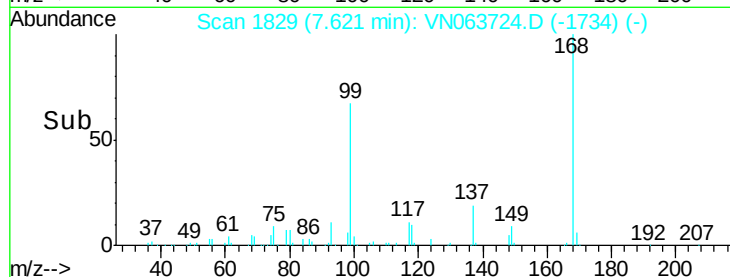
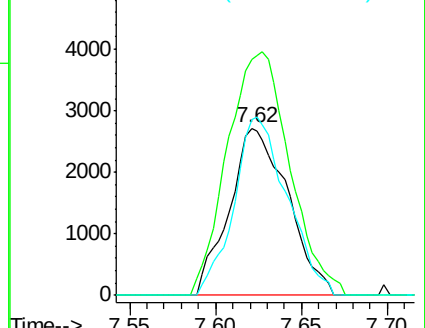
84 105.0 65.4 98.2#



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



#33

1,2-Dichloroethane-d4

Concen: 48.493 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063724.D

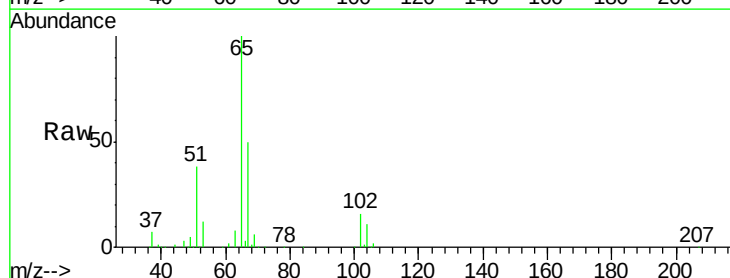
Acq: 29 Sep 2020 13:47

Tgt Ion: 65 Resp: 187103

Ion Ratio Lower Upper

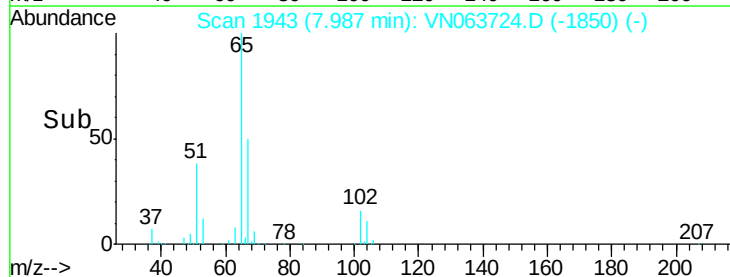
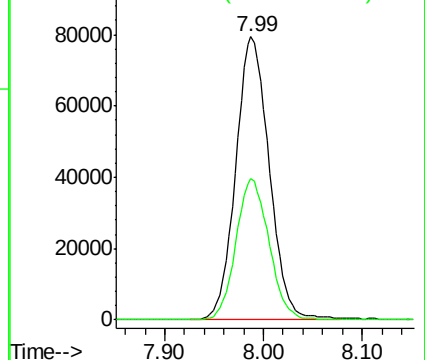
65 100

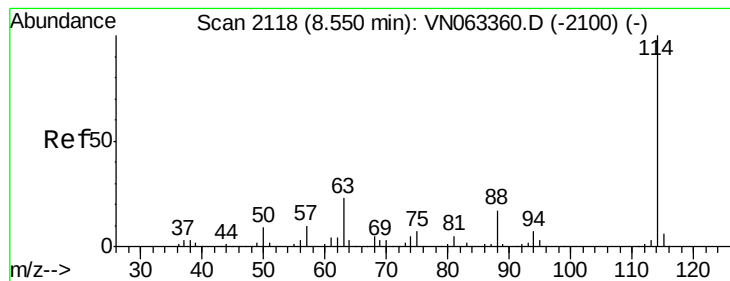
67 49.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20200924

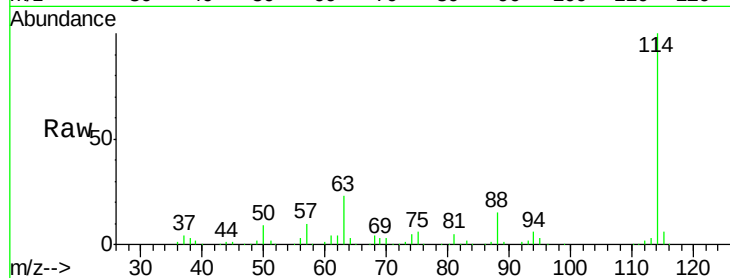
Tgt Ion:114 Resp: 418136

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.4

88 15.3 0.0 33.2



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

250000

200000

150000

100000

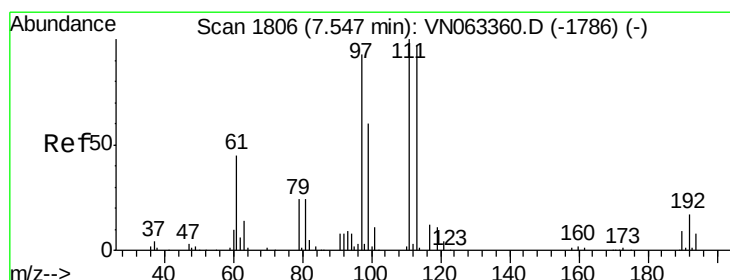
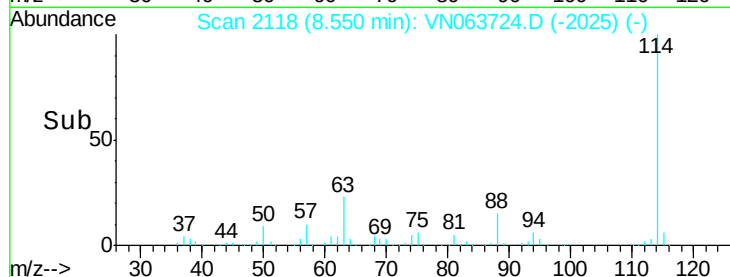
50000

0

8.55

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 46.387 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

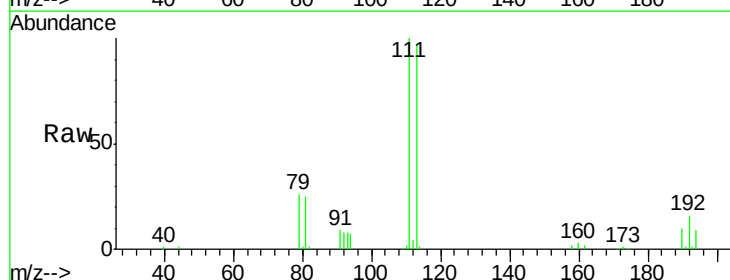
Tgt Ion:113 Resp: 134276

Ion Ratio Lower Upper

113 100

111 104.5 82.9 124.3

192 17.8 13.9 20.9



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

60000

40000

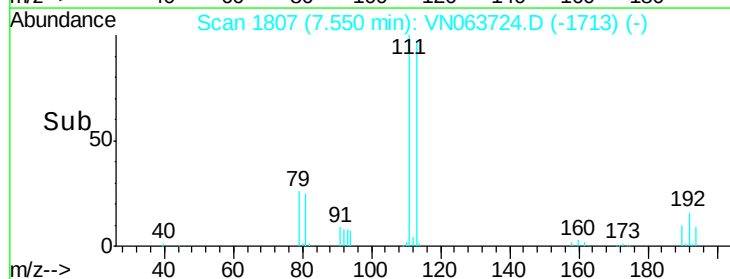
20000

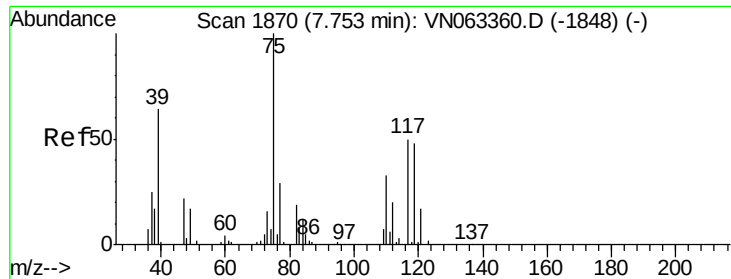
0

7.55

7.50 7.60

Time-->

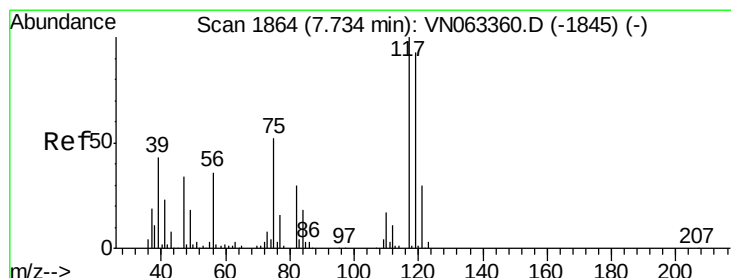
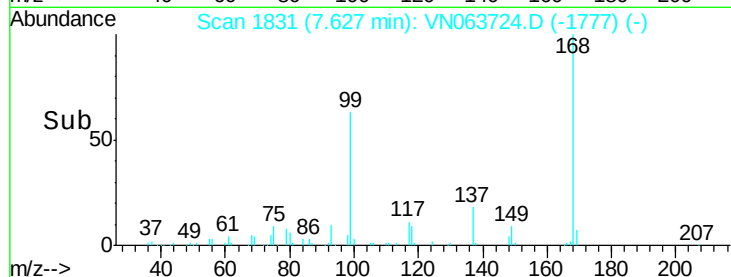
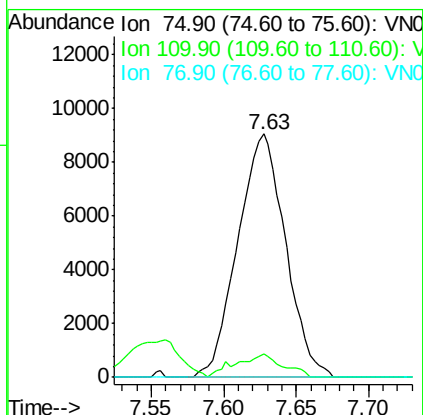
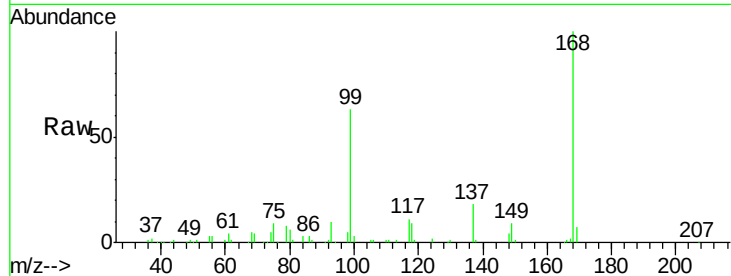




#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063724.D
 Acq: 29 Sep 2020 13:47

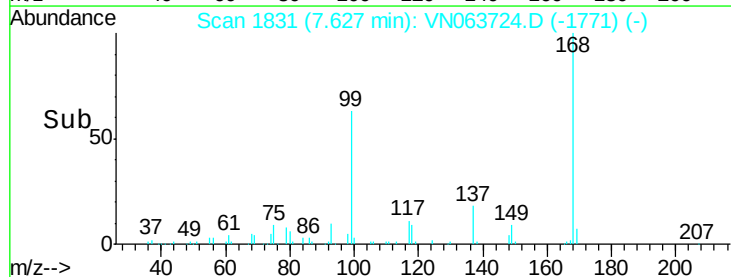
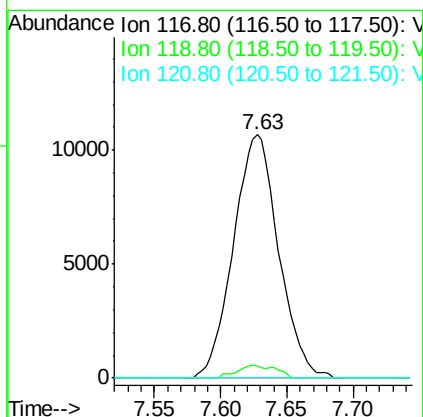
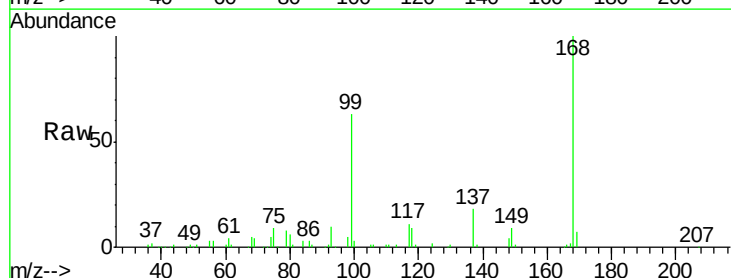
Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20200924

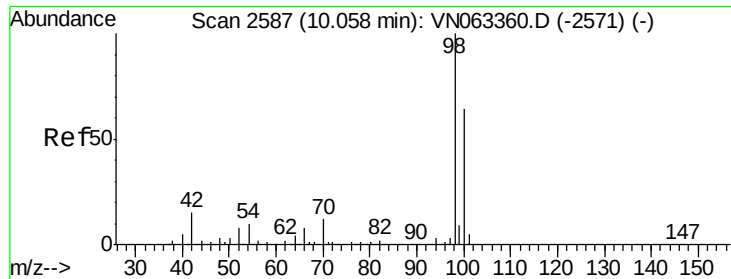
Tgt Ion: 75 Resp: 20707
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.565 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN063724.D
 Acq: 29 Sep 2020 13:47

Tgt Ion: 117 Resp: 25308
 Ion Ratio Lower Upper
 117 100
 119 5.0 74.5 111.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 47.909 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

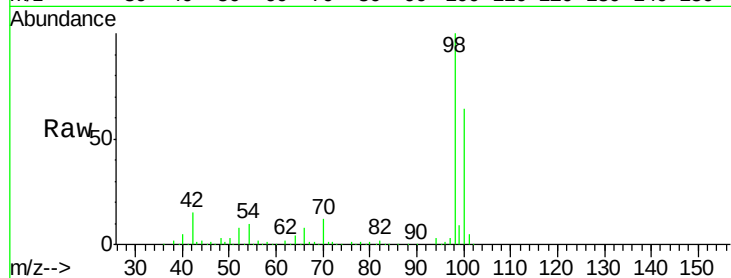
TT-TB-20200924

Tgt Ion: 98 Resp: 521462

Ion Ratio Lower Upper

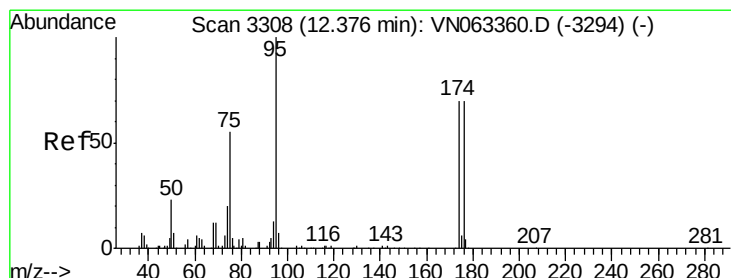
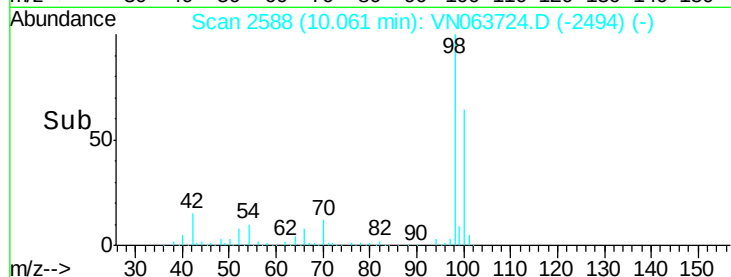
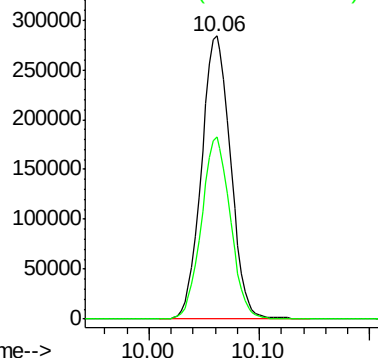
98 100

100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.760 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

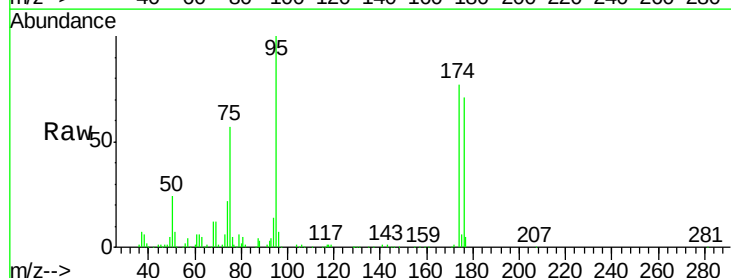
Tgt Ion: 95 Resp: 206526

Ion Ratio Lower Upper

95 100

174 74.0 0.0 140.8

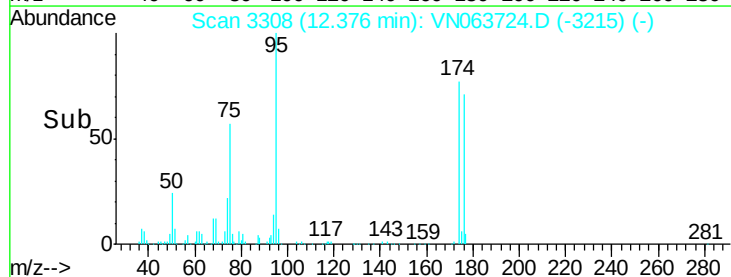
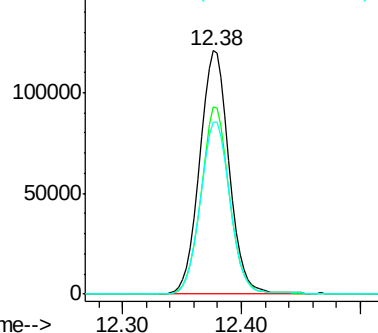
176 71.4 0.0 137.6

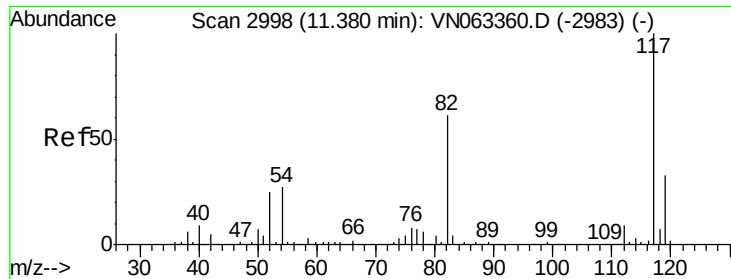


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

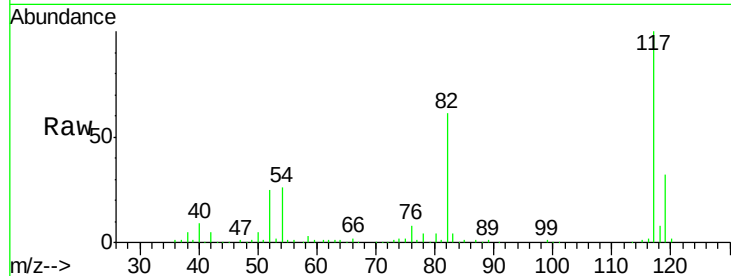




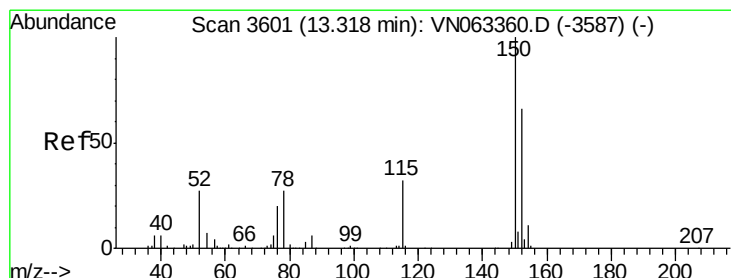
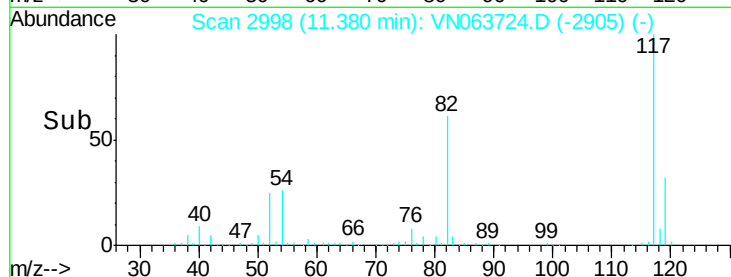
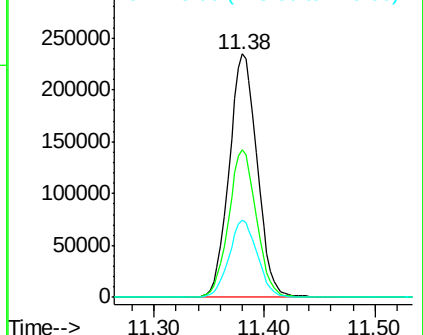
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063724.D
Acq: 29 Sep 2020 13:47

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20200924

Tgt Ion:117 Resp: 412863
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 31.9 26.2 39.4

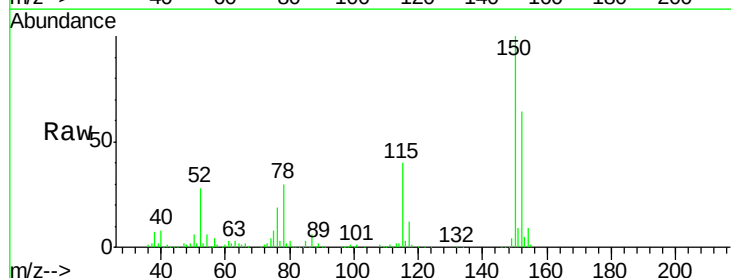


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

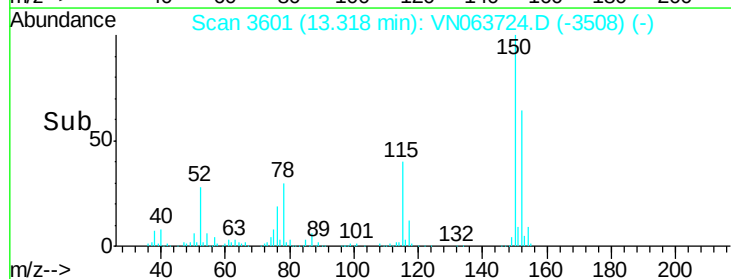
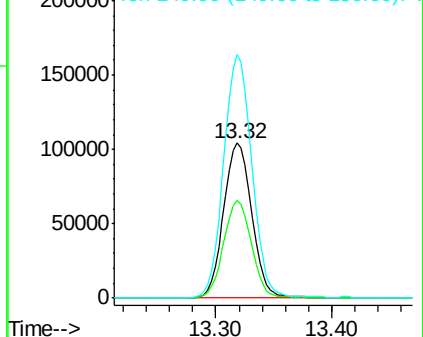


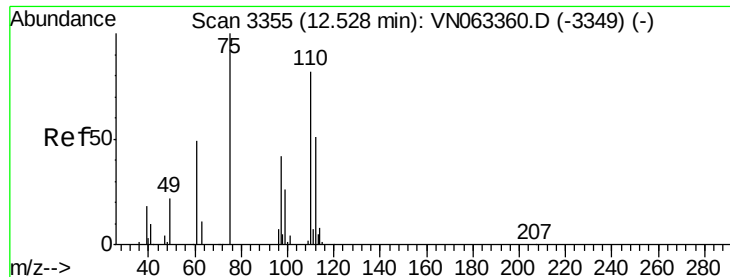
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063724.D
Acq: 29 Sep 2020 13:47

Tgt Ion:152 Resp: 175320
Ion Ratio Lower Upper
152 100
115 62.3 32.2 96.6
150 156.7 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: 26.869 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

Instrument :

MSVOA_N

ClientSampleId :

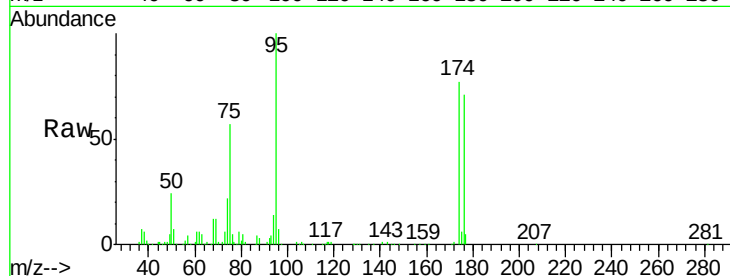
TT-TB-20200924

Tgt Ion: 75 Resp: 116597

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.38

80000

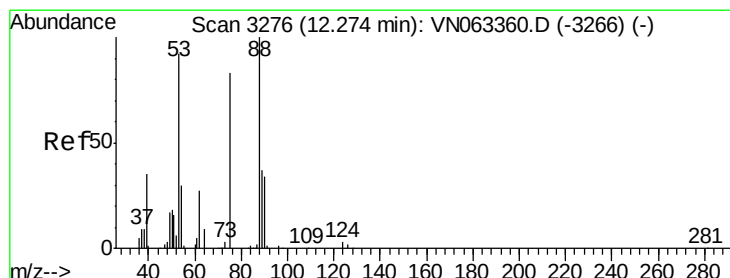
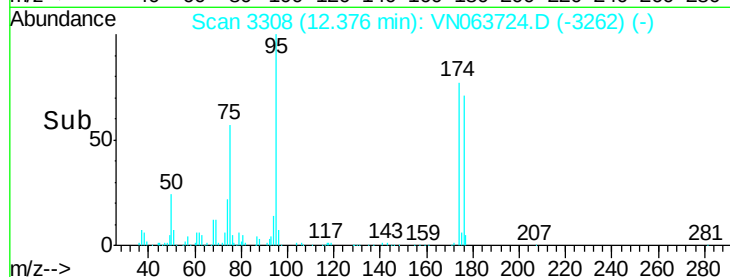
60000

40000

20000

0

Time--> 12.30 12.35 12.40 12.45



#81

trans-1,4-Dichloro-2-butene

Concen: 73.665 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063724.D

Acq: 29 Sep 2020 13:47

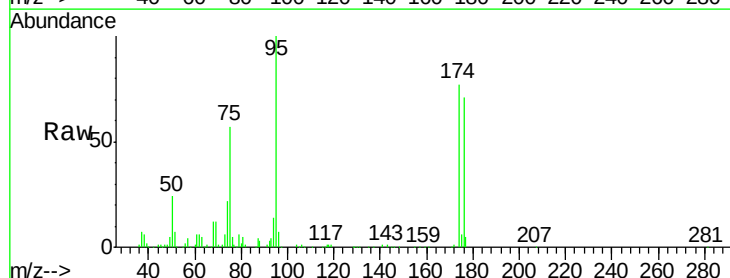
Tgt Ion: 75 Resp: 116597

Ion Ratio Lower Upper

75 100

53 0.0 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

12.38

80000

60000

40000

20000

0

Time--> 12.30 12.35 12.40 12.45

