

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092320\
 Data File : VN063585.D
 Acq On : 23 Sep 2020 13:43
 Operator : JC/MD
 Sample : L4104-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 24 02:35:08 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	215151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	404000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	403360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	182793	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
35) Dibromofluoromethane	7.55	113	132899	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
50) Toluene-d8	10.06	98	511477	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.38	95	202996	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

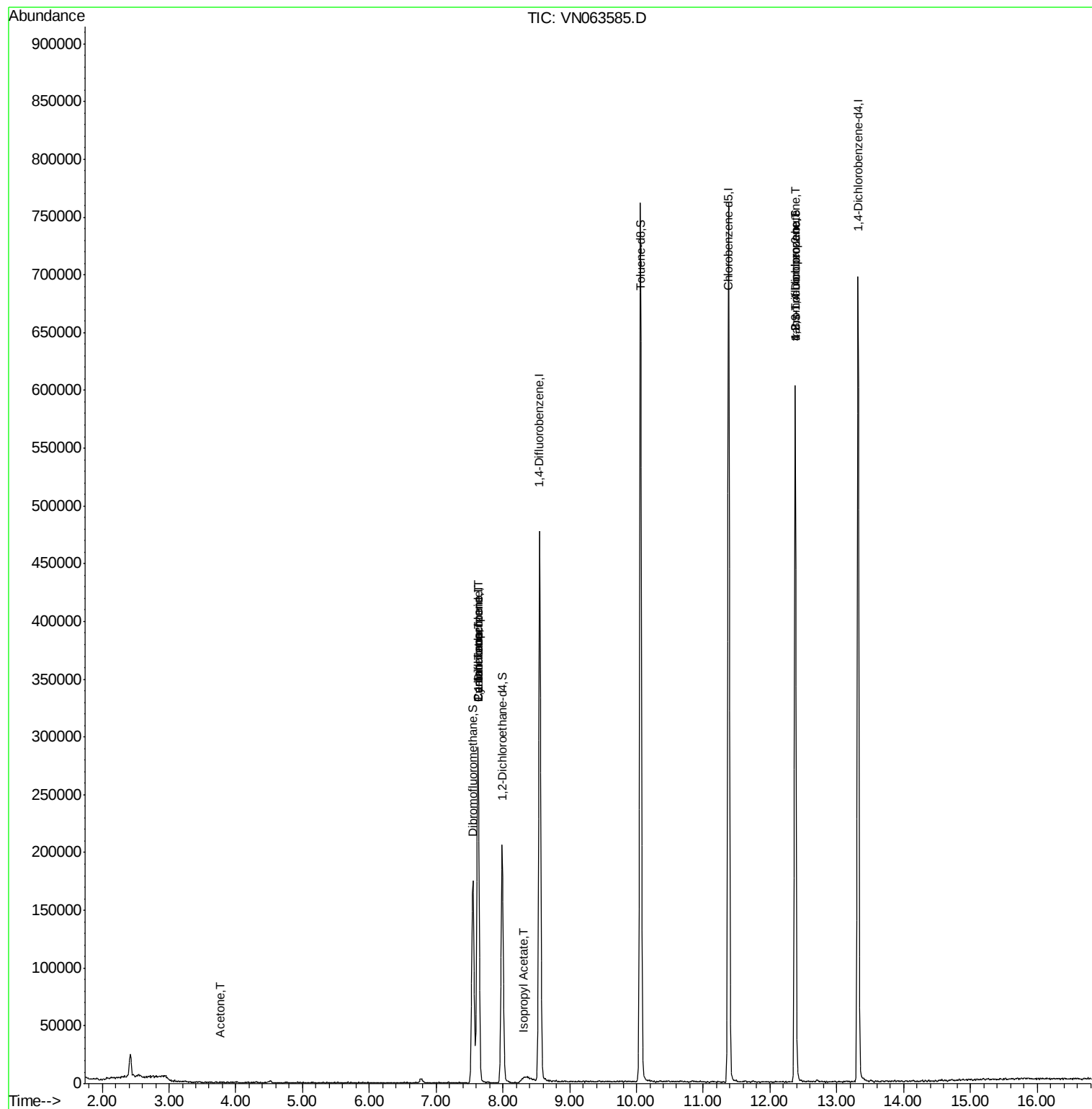
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.77	43	349	0.297	ug/l #	47
31) Cyclohexane	7.62	56	6196	1.225	ug/l #	29
36) 1,1-Dichloropropene	7.63	75	19591	4.552	ug/l #	51
38) Carbon Tetrachloride	7.63	117	24273	5.525	ug/l #	16
43) Isopropyl Acetate	8.31	43	3952	0.523	ug/l #	64
76) 1,2,3-Trichloropropane	12.38	75	112081	26.557	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	112081	72.809	ug/l #	7

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

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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: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

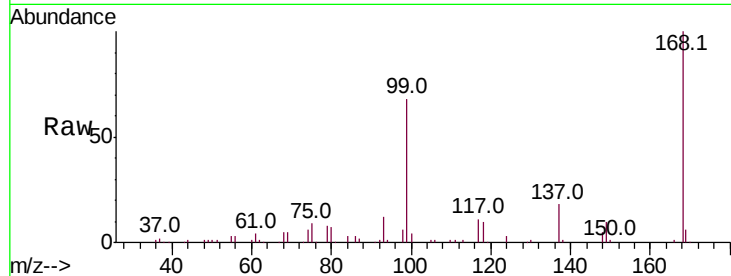
TRIP-BLANK

Tot Ion:168 Resp: 215151

Ion Ratio Lower Upper

168 100

99 67.7 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

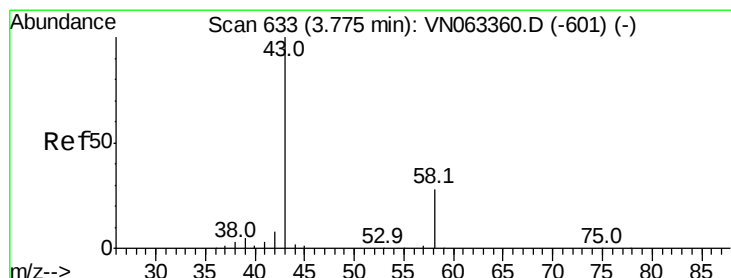
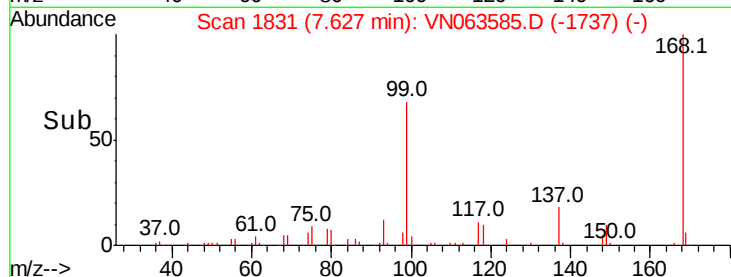
40000

20000

0

Time-->

7.50 7.60 7.70 7.80



#16

Acetone

Concen: 0.297 ug/l

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063585.D

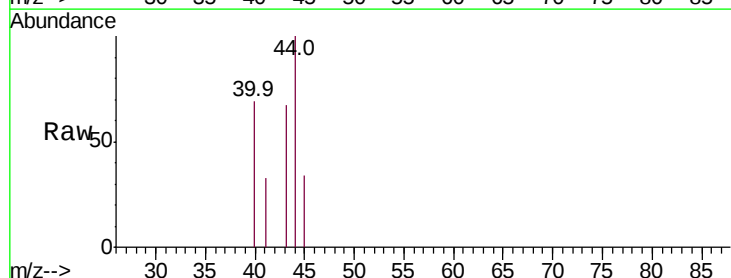
Acq: 23 Sep 2020 13:43

Tgt Ion: 43 Resp: 349

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.77

300

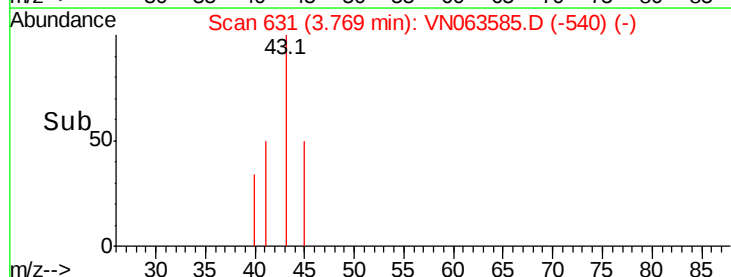
200

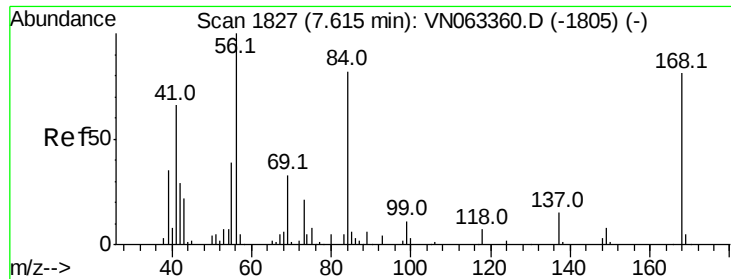
100

0

Time-->

3.76 3.78

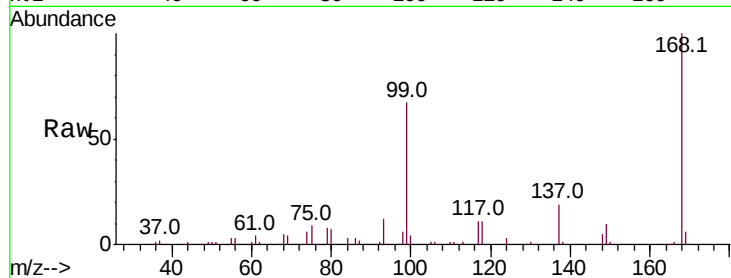




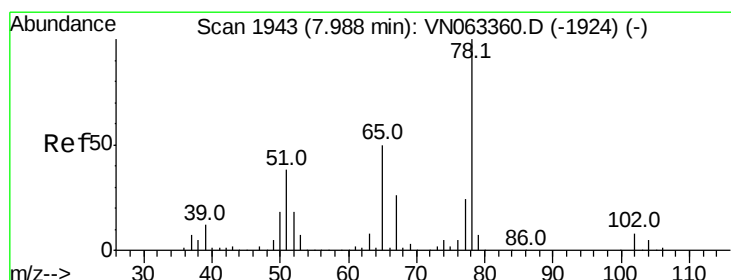
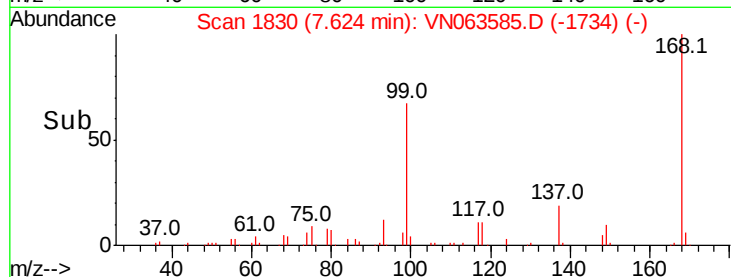
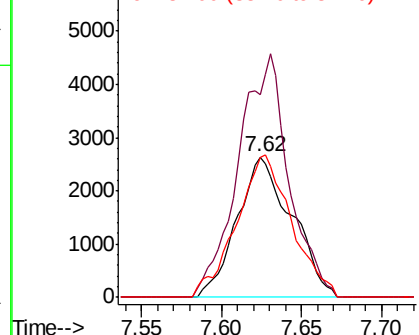
#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063585.D
Acq: 23 Sep 2020 13:43

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion: 56 Resp: 6196
Ion Ratio Lower Upper
56 100
69 144.2 26.1 39.1#
84 99.4 65.4 98.2#

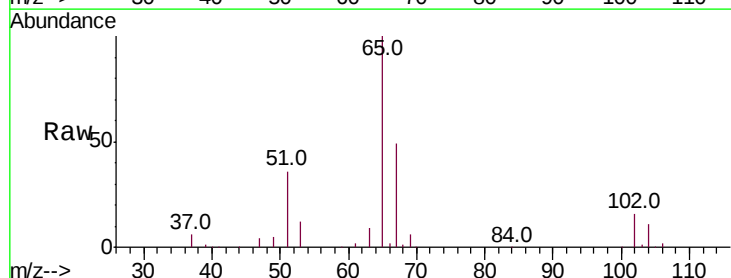


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

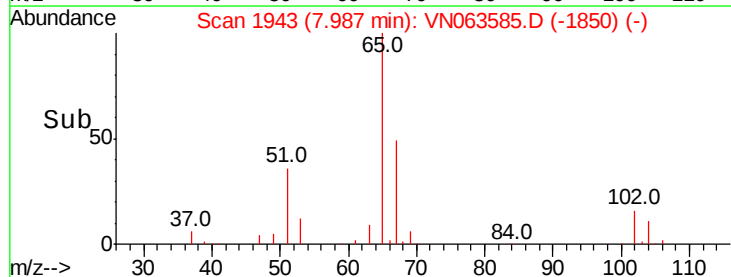
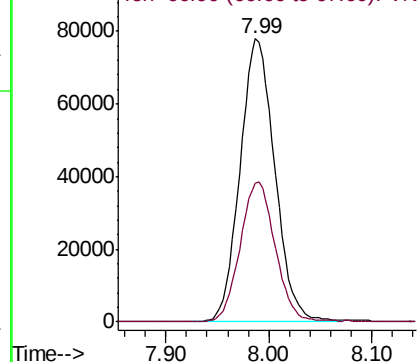


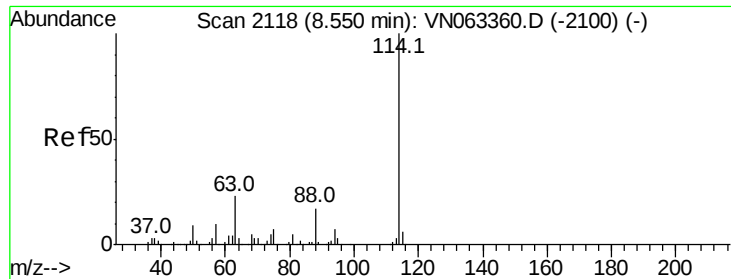
#33
1,2-Dichloroethane-d4
Concen: 49.910 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063585.D
Acq: 23 Sep 2020 13:43

Tgt Ion: 65 Resp: 182793
Ion Ratio Lower Upper
65 100
67 49.6 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

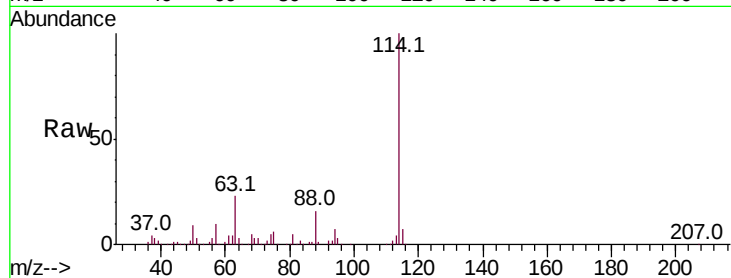




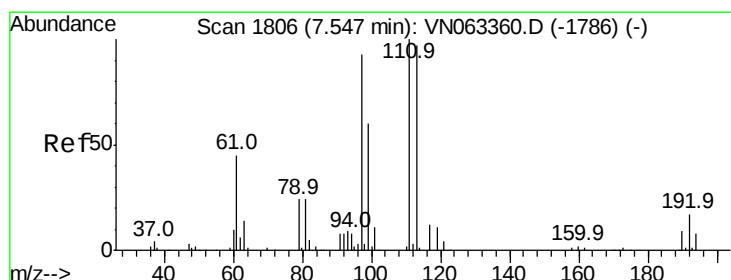
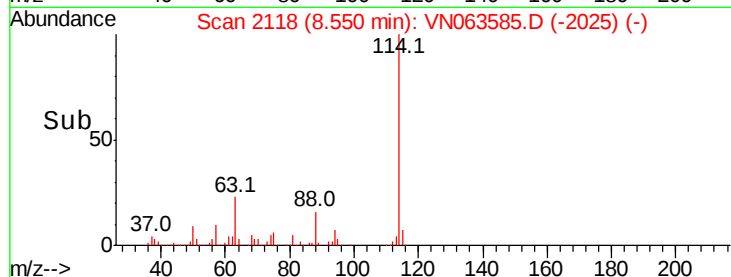
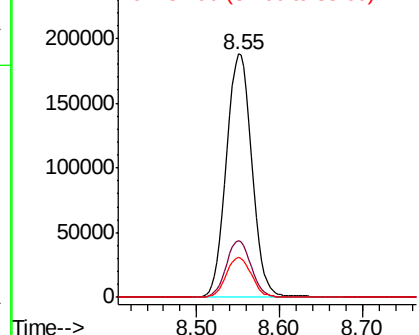
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063585.D
 Acq: 23 Sep 2020 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Tot Ion:114 Resp: 404000
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.3 0.0 33.2

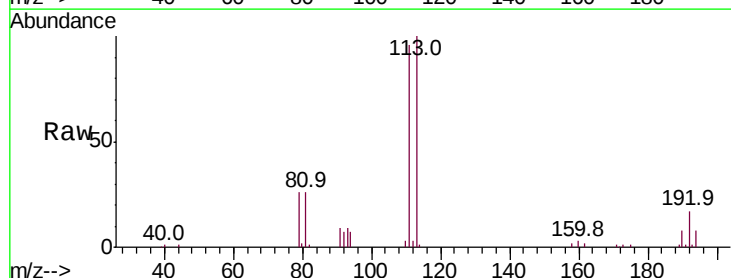


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

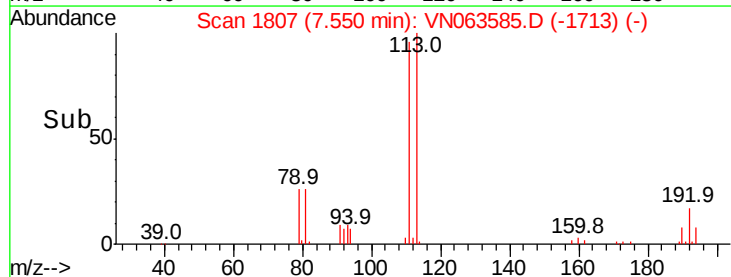
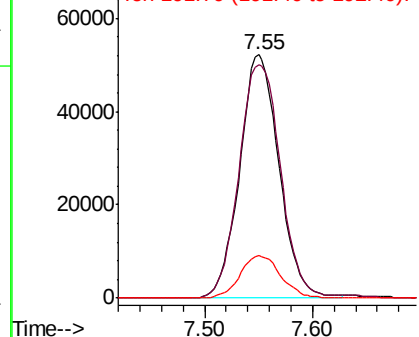


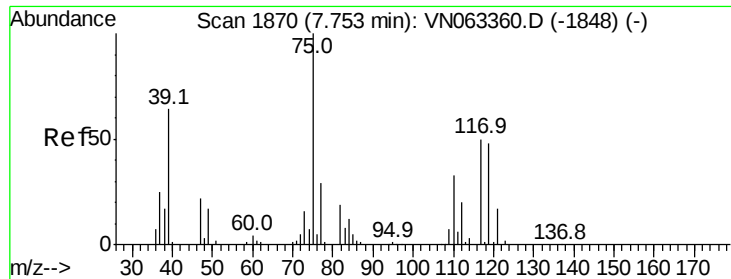
#35
 Dibromofluoromethane
 Concen: 47.518 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063585.D
 Acq: 23 Sep 2020 13:43

Tgt Ion:113 Resp: 132899
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.9 124.3
 192 17.9 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





#36

1,1-Dichloropropene

Concen: 4.552 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.12 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

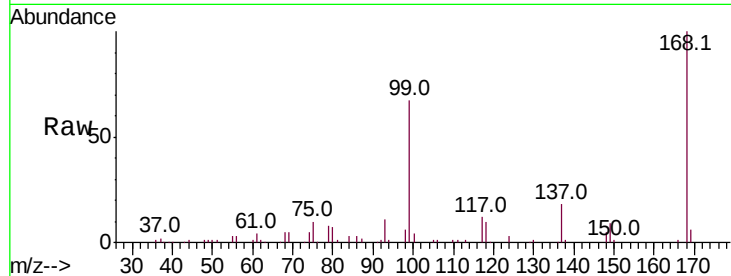
Tot Ion: 75 Resp: 19591

Ion Ratio Lower Upper

75 100

110 8.8 16.5 49.5#

77 0.0 24.6 36.8#



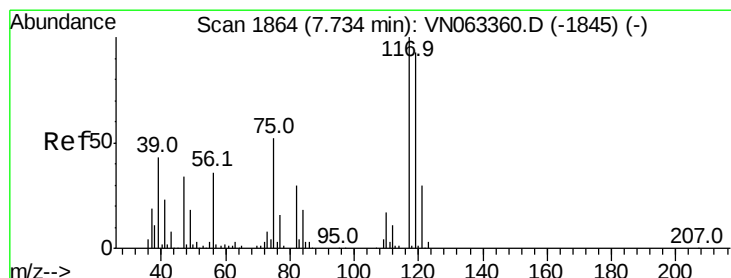
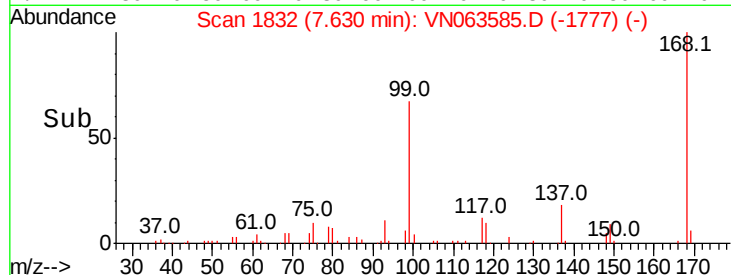
Abundance Ion 74.90 (74.60 to 75.60): VN063360.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN063360.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN063360.D (-1848) (-)

7.63

Time-->



#38

Carbon Tetrachloride

Concen: 5.525 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

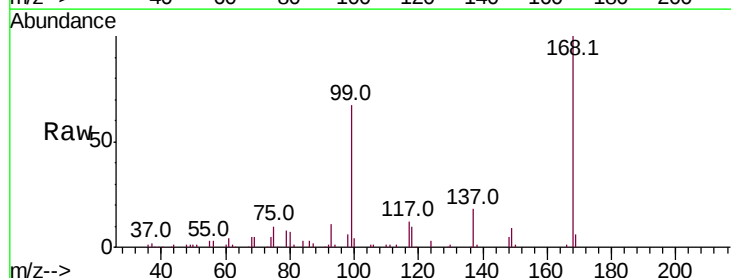
Tgt Ion: 117 Resp: 24273

Ion Ratio Lower Upper

117 100

119 3.1 74.5 111.7#

121 0.0 24.1 36.1#



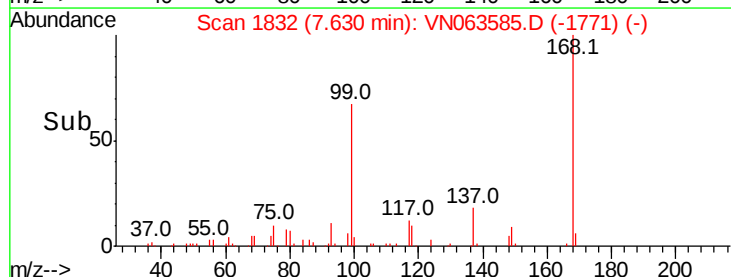
Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

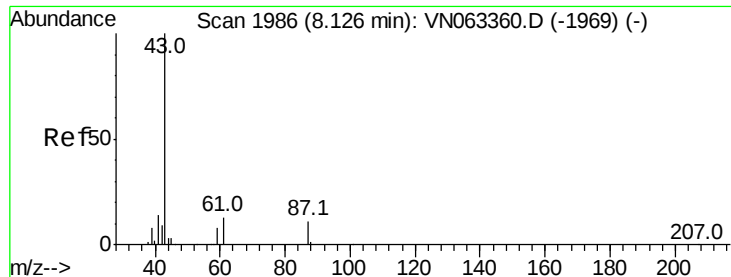
Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

7.63

Time-->





#43

Isopropyl Acetate

Concen: 0.523 ug/l

RT: 8.31 min Scan# 2042

Delta R.T. 0.18 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

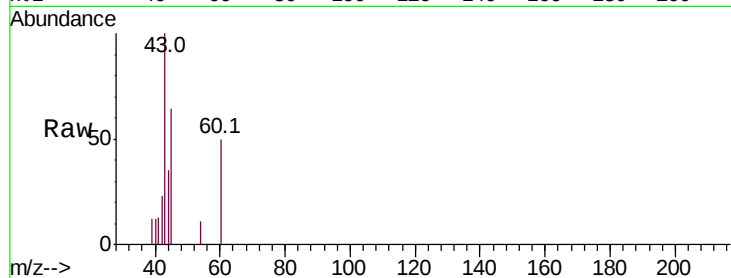
Tot Ion: 43 Resp: 3952

Ion Ratio Lower Upper

43 100

61 0.0 14.2 21.2#

87 0.0 9.0 13.6#

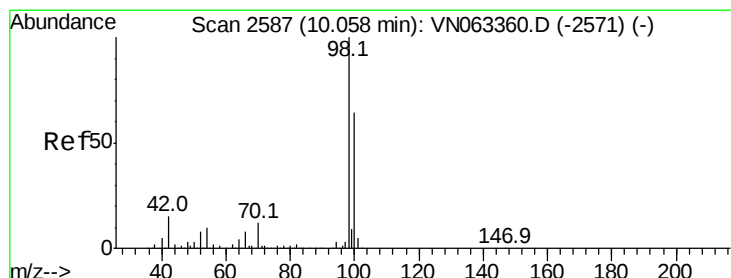
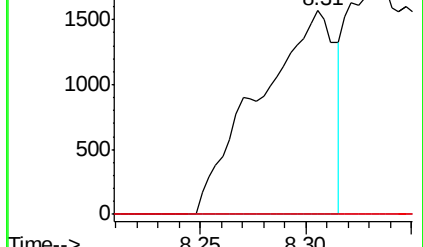
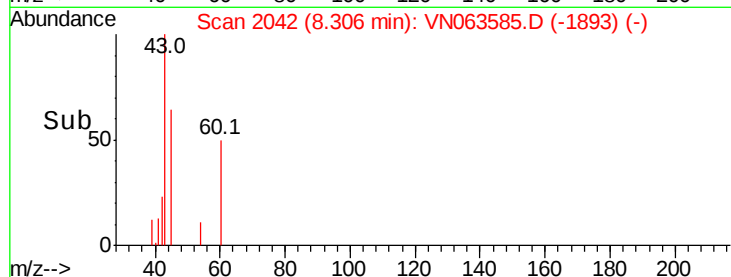


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)

Time-->



#50

Toluene-d8

Concen: 48.636 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063585.D

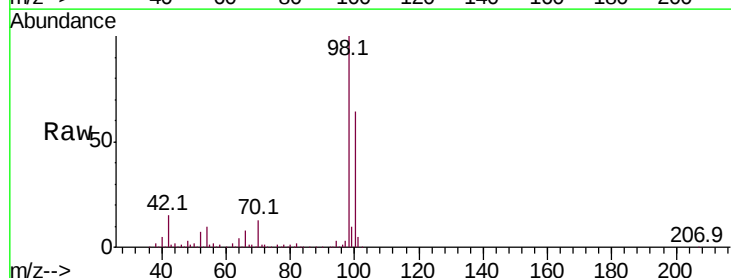
Acq: 23 Sep 2020 13:43

Tgt Ion: 98 Resp: 511477

Ion Ratio Lower Upper

98 100

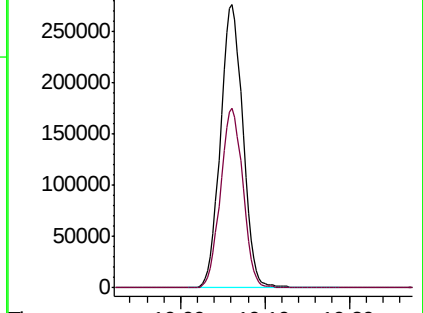
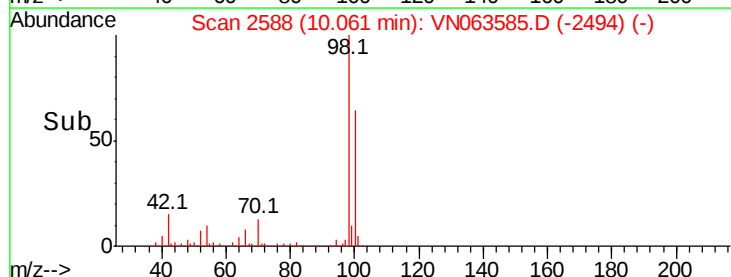
100 63.2 50.7 76.1

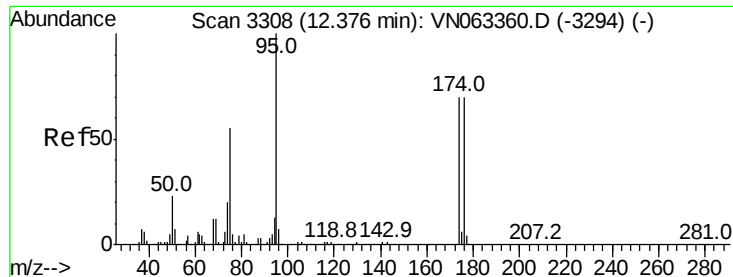


Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

Time-->





#62

4-Bromofluorobenzene

Concen: 52.656 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

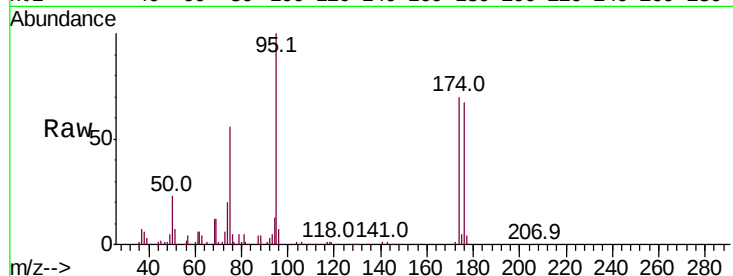
Tot Ion: 95 Resp: 202996

Ion Ratio Lower Upper

95 100

174 71.1 0.0 140.8

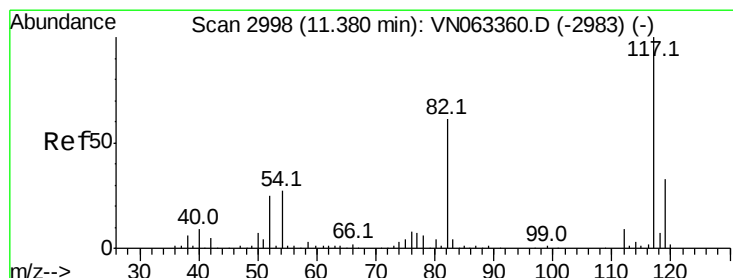
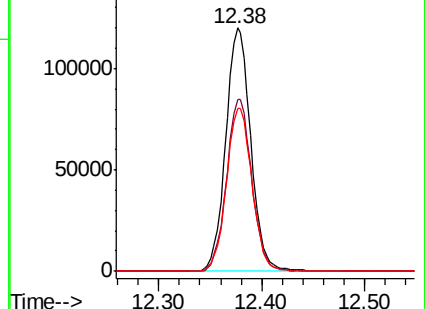
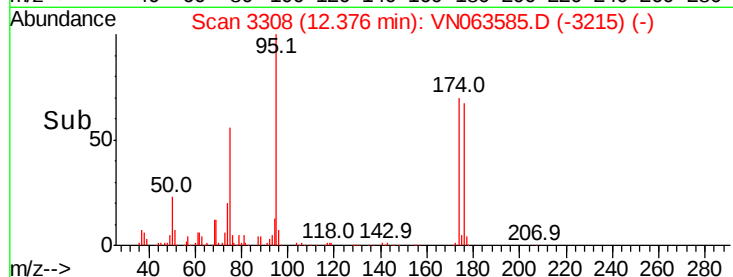
176 68.3 0.0 137.6



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

Ion 173.80 (173.50 to 174.50): VN063360.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): 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: VN063585.D

Acq: 23 Sep 2020 13:43

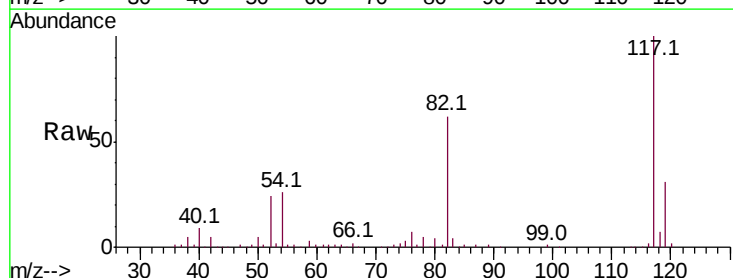
Tgt Ion: 117 Resp: 403360

Ion Ratio Lower Upper

117 100

82 61.6 49.2 73.8

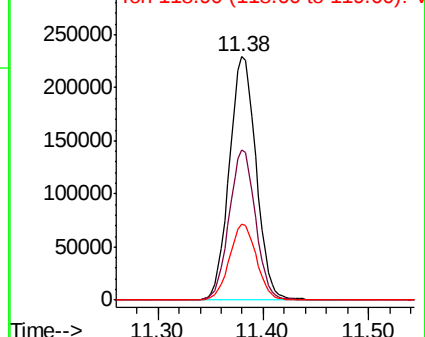
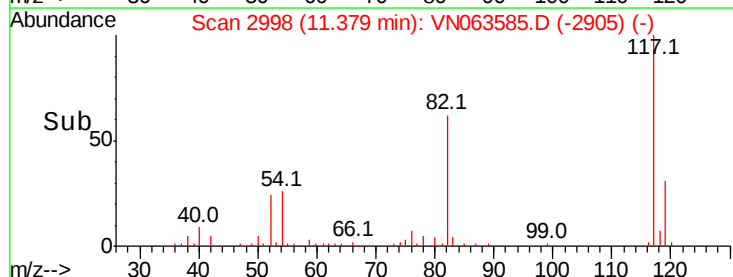
119 31.2 26.2 39.4

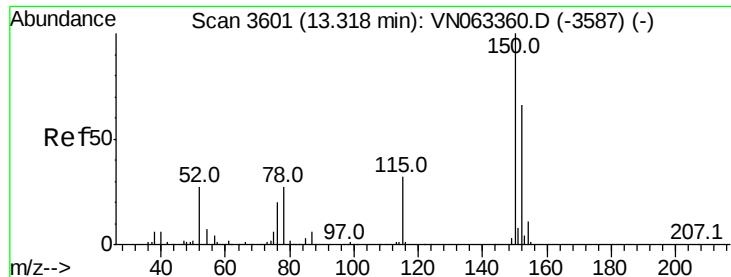


Abundance Ion 116.90 (116.60 to 117.60): VN063360.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063360.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063360.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

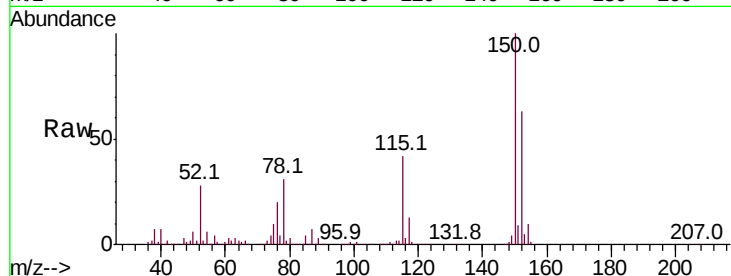
Tot Ion:152 Resp: 170511

Ion Ratio Lower Upper

152 100

115 64.4 32.2 96.6

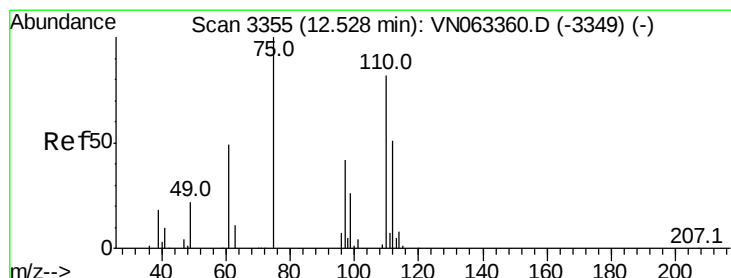
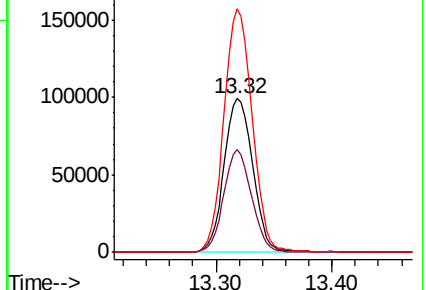
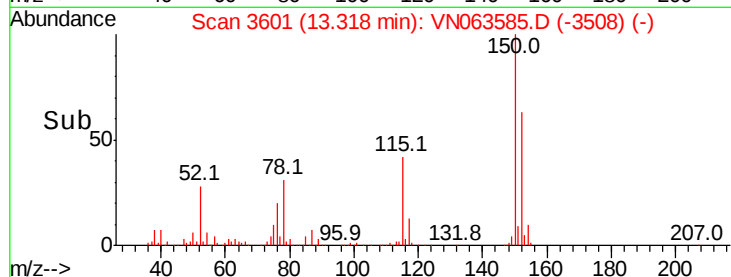
150 154.7 0.0 343.4



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: 26.557 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063585.D

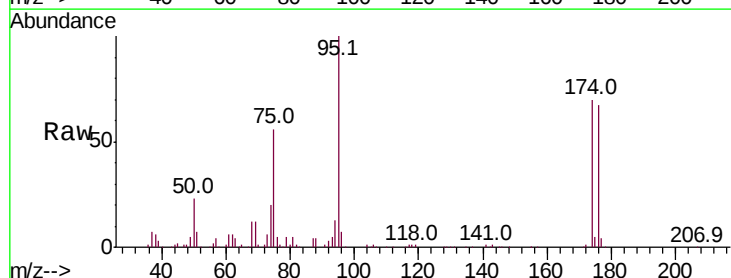
Acq: 23 Sep 2020 13:43

Tgt Ion: 75 Resp: 112081

Ion Ratio Lower Upper

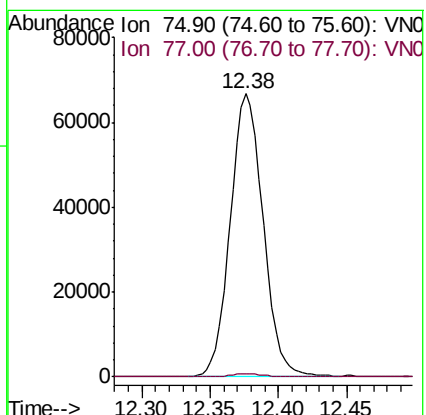
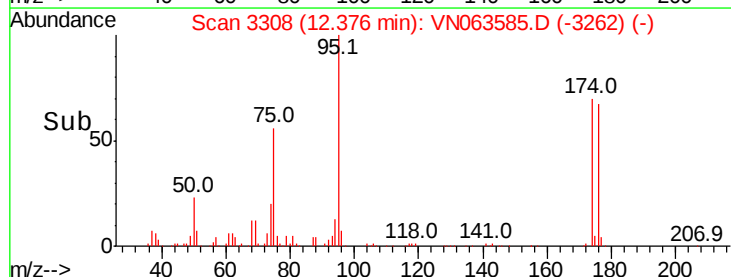
75 100

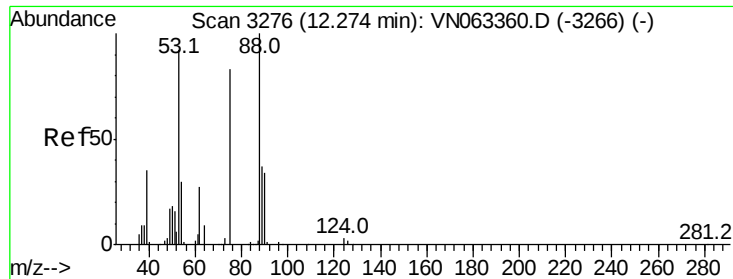
77 1.0 0.0 0.0#



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: 72.809 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063585.D

Acq: 23 Sep 2020 13:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 112081

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

