

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092520\
 Data File : VN063675.D
 Acq On : 25 Sep 2020 13:55
 Operator : JC/MD
 Sample : VN0925WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBL01

Quant Time: Sep 28 02:01:40 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	211313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	395420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	398742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162451	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	180618	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
35) Dibromofluoromethane	7.55	113	133588	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	10.06	98	505012	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	12.38	95	197532	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	

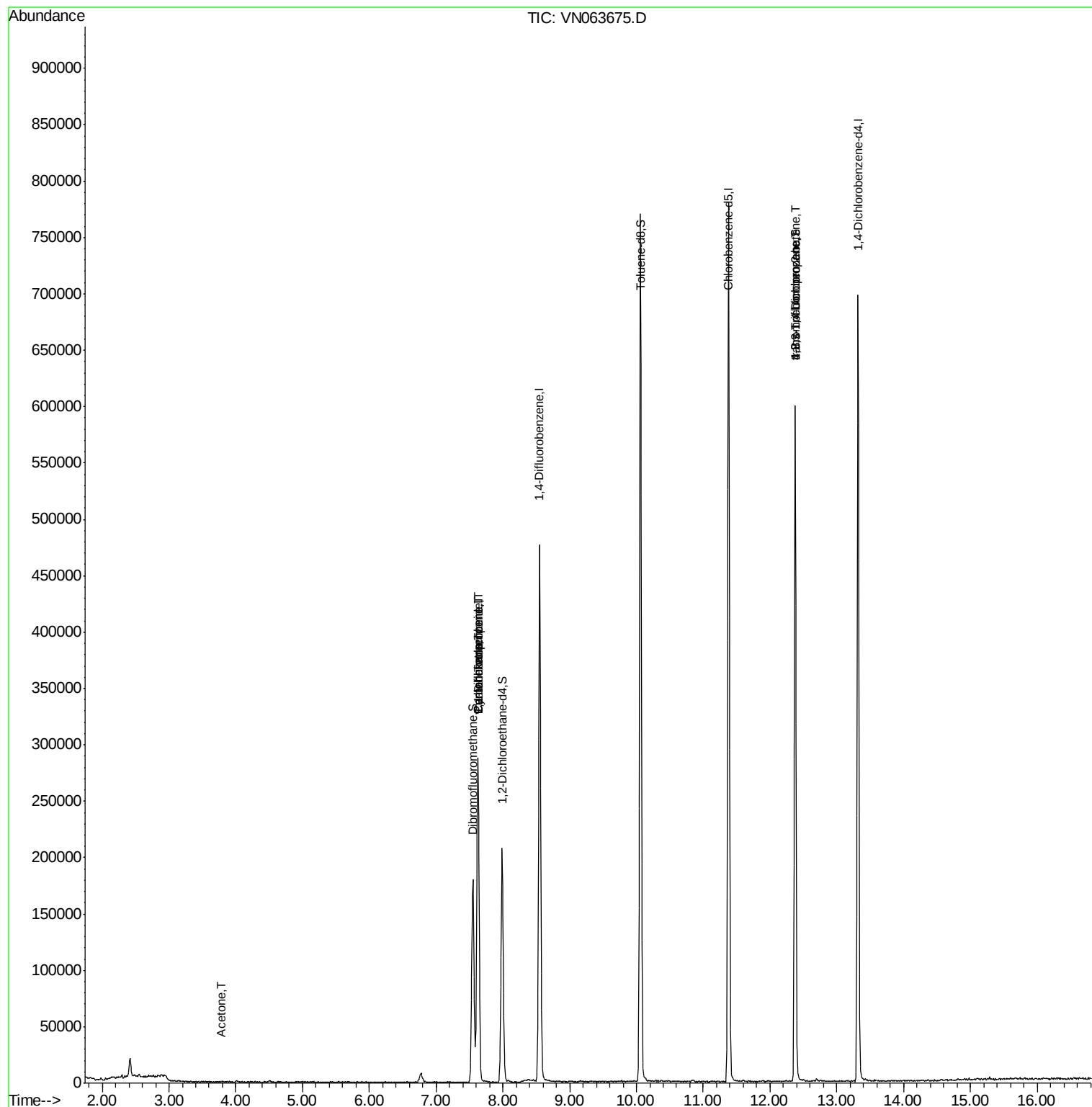
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	402	0.348	ug/l #	47
31) Cyclohexane	7.62	56	5995	1.207	ug/l #	30
36) 1,1-Dichloropropene	7.63	75	19788	4.697	ug/l #	52
38) Carbon Tetrachloride	7.62	117	23395	5.440	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	111235	27.664	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	111235	75.845	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: VN063675.D

Acq: 25 Sep 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

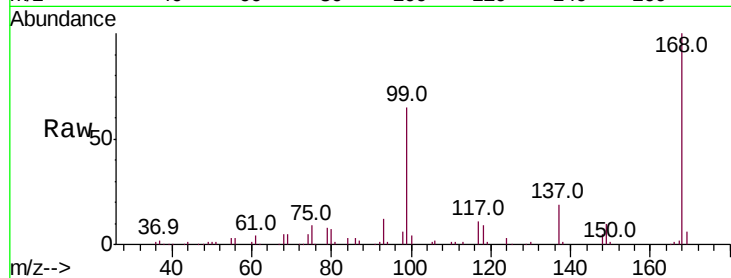
VN0925WBL01

Tot Ion:168 Resp: 211313

Ion Ratio Lower Upper

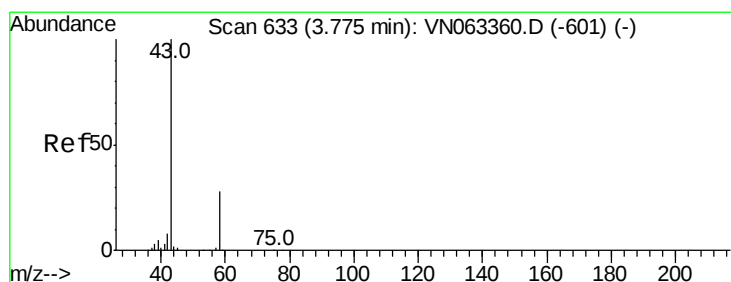
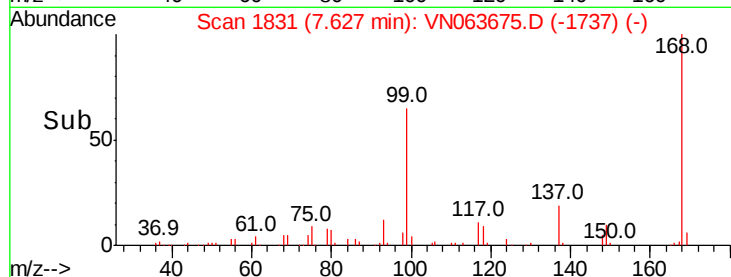
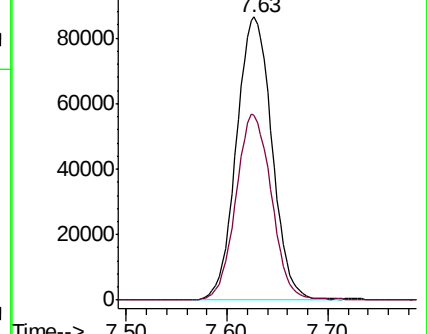
168 100

99 65.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.348 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN063675.D

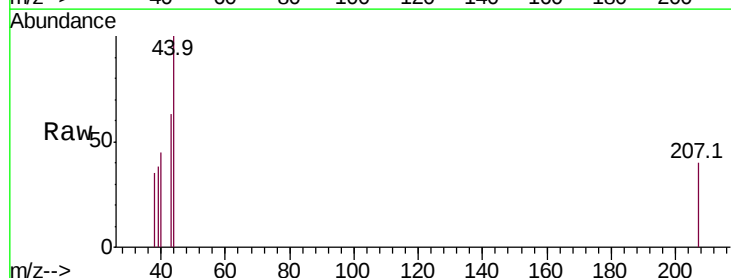
Acq: 25 Sep 2020 13:55

Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

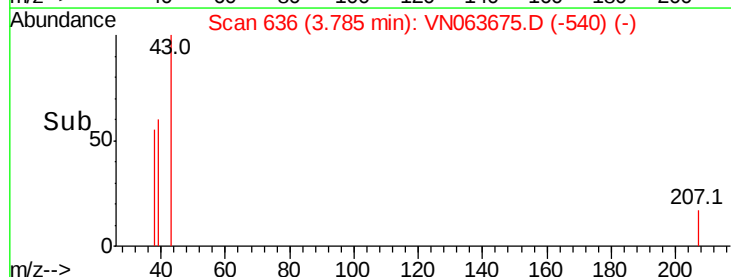
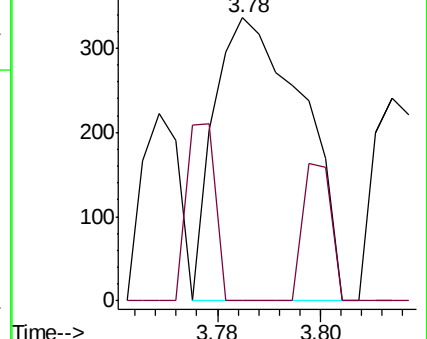
43 100

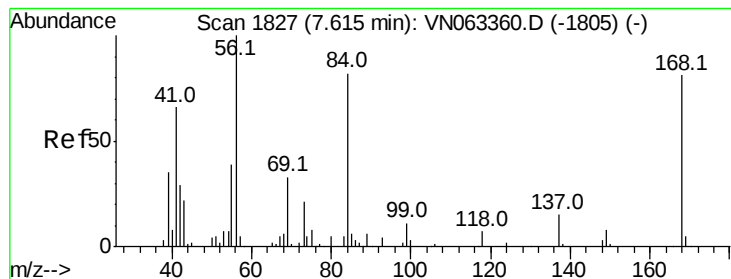
58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#31

Cyclohexane

Concen: 1.207 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBL01

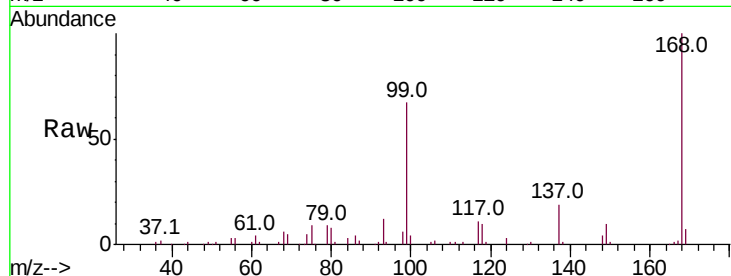
Tot Ion: 56 Resp: 5995

Ion Ratio Lower Upper

56 100

69 145.7 26.1 39.1#

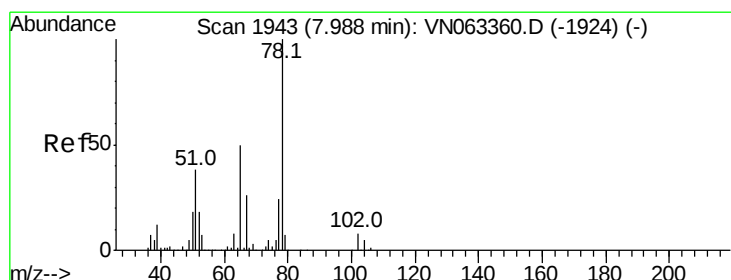
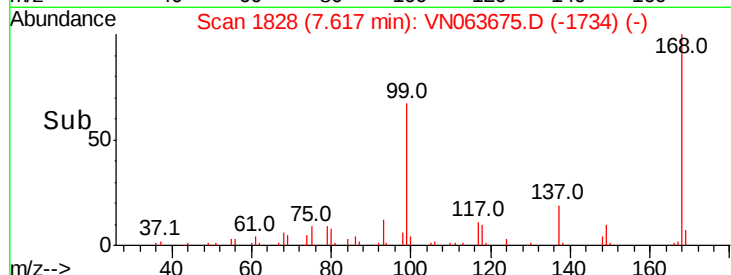
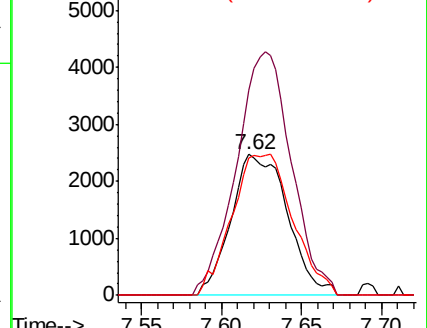
84 97.3 65.4 98.2



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: 50.212 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063675.D

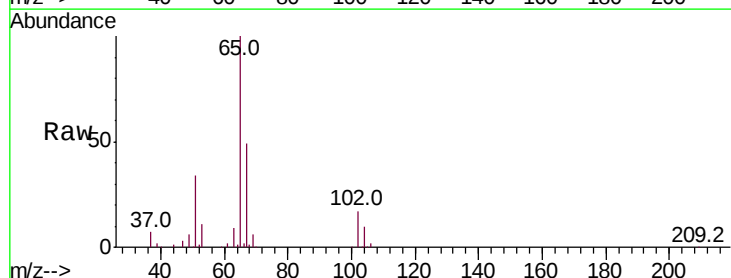
Acq: 25 Sep 2020 13:55

Tgt Ion: 65 Resp: 180618

Ion Ratio Lower Upper

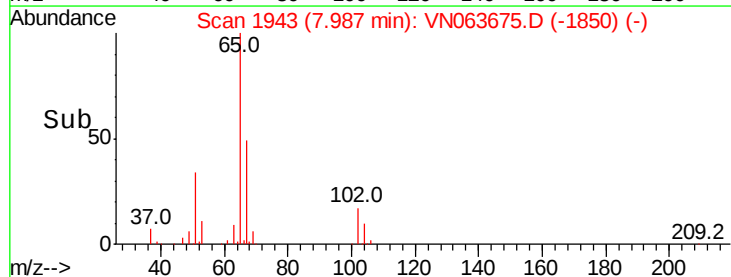
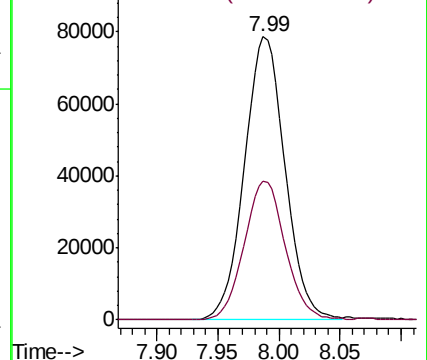
65 100

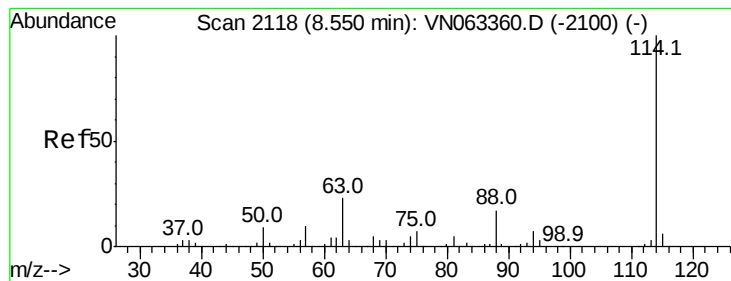
67 49.7 0.0 104.2



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: VN063675.D

Acq: 25 Sep 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBL01

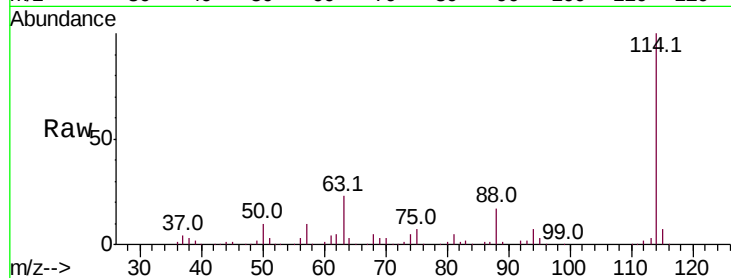
Tot Ion:114 Resp: 395420

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.4

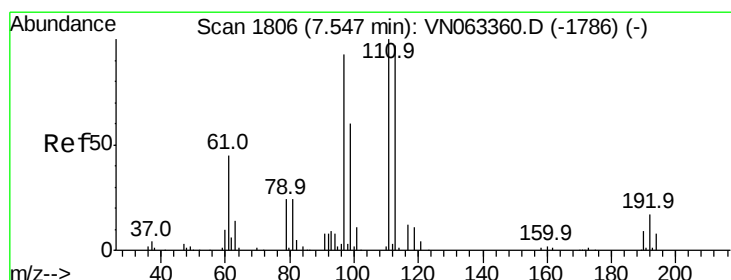
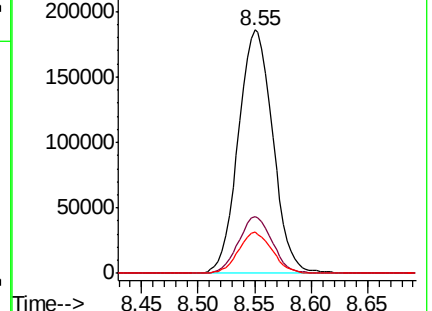
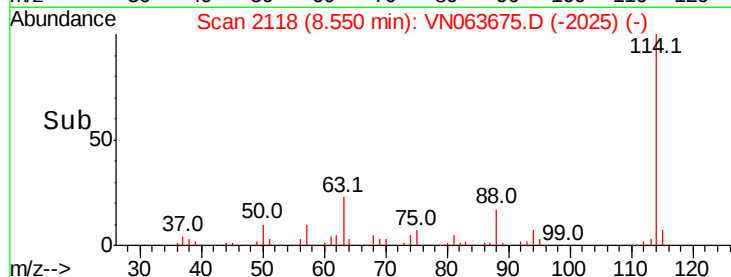
88 16.8 0.0 33.2



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: 48.801 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

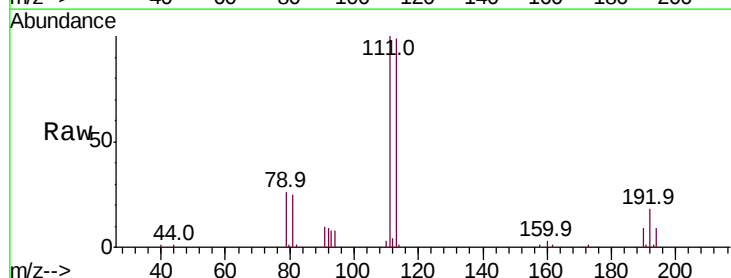
Tgt Ion:113 Resp: 133588

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

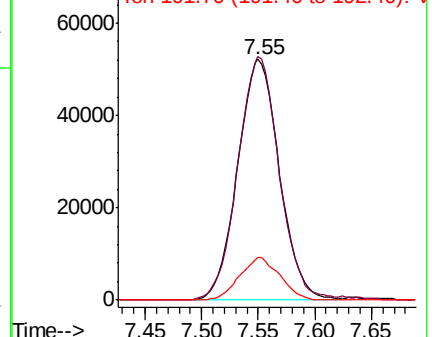
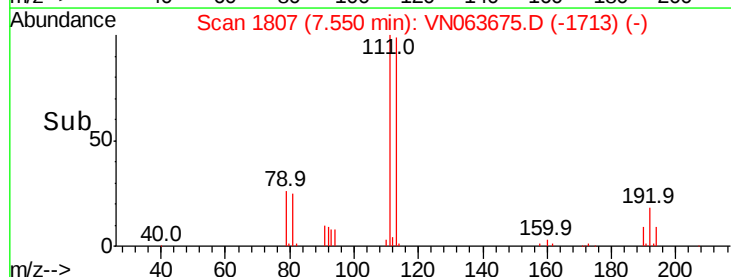
192 17.2 13.9 20.9

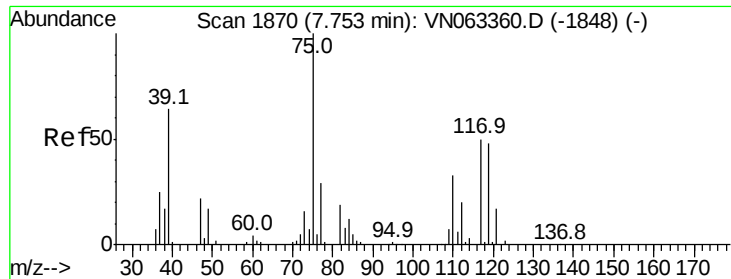


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

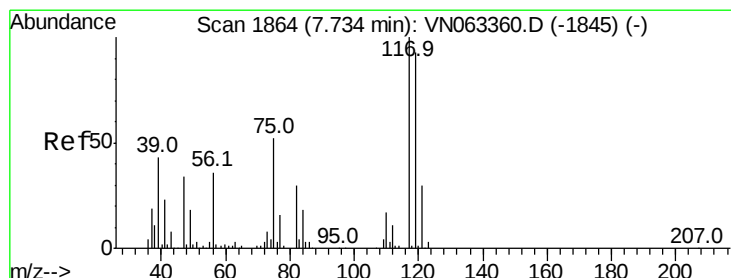
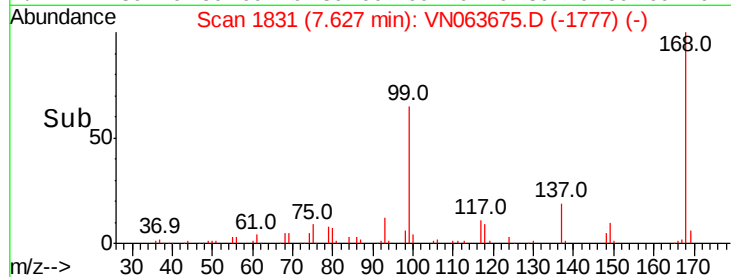
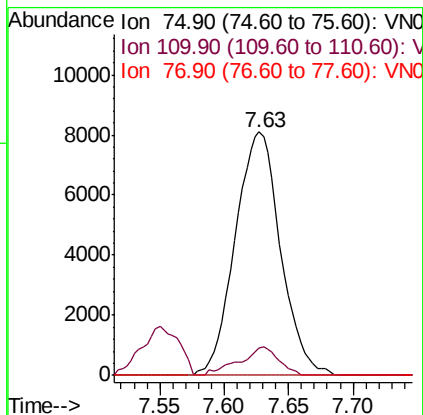
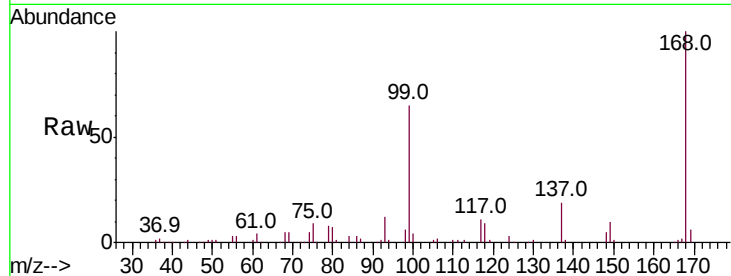




#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063675.D
 Acq: 25 Sep 2020 13:55

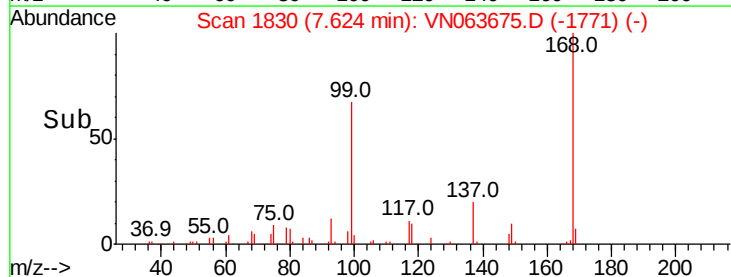
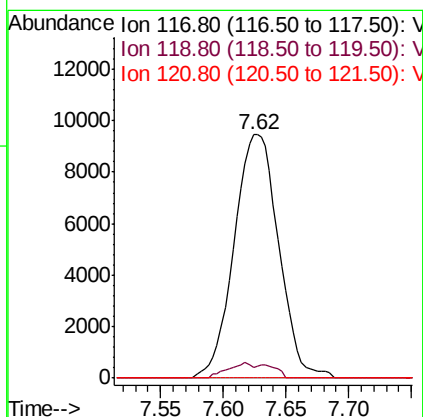
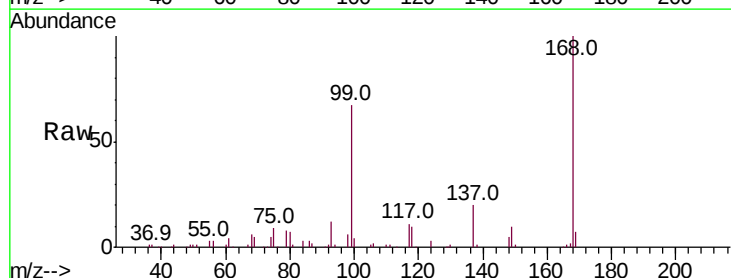
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBL01

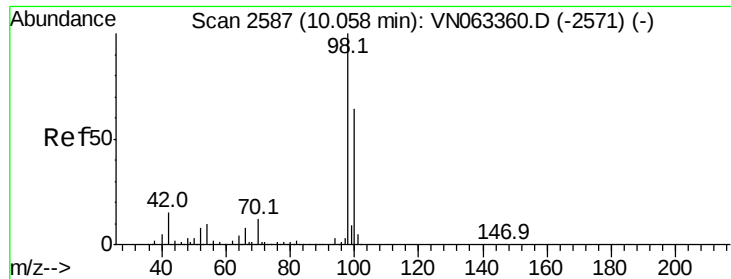
Tot Ion: 75 Resp: 19788
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.5 49.5#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.440 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063675.D
 Acq: 25 Sep 2020 13:55

Tgt Ion: 117 Resp: 23395
 Ion Ratio Lower Upper
 117 100
 119 4.5 74.5 111.7#
 121 0.0 24.1 36.1#





#50

Toluene-d8

Concen: 49.063 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

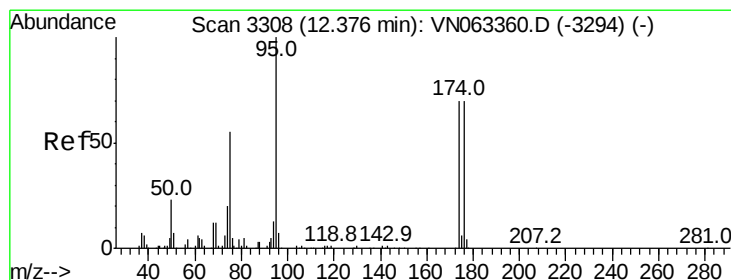
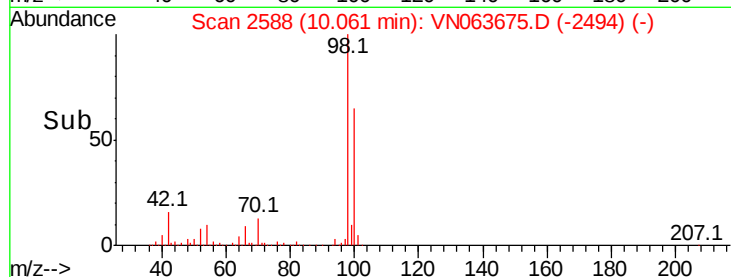
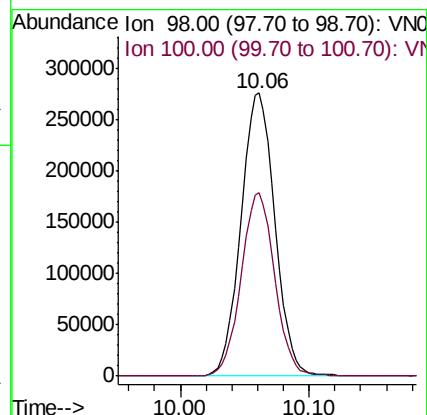
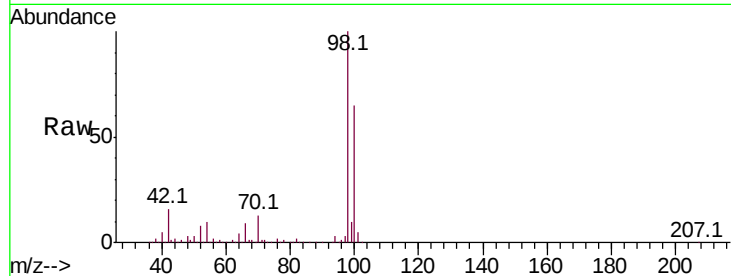
VN0925WBL01

Tot Ion: 98 Resp: 505012

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.350 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

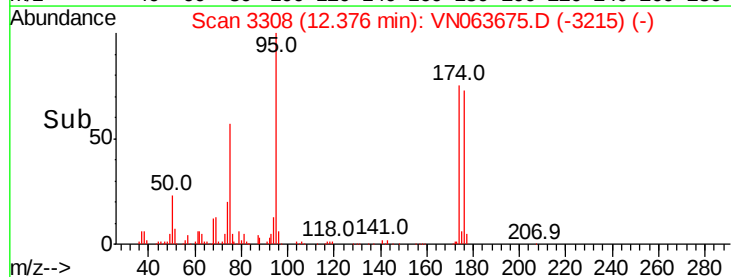
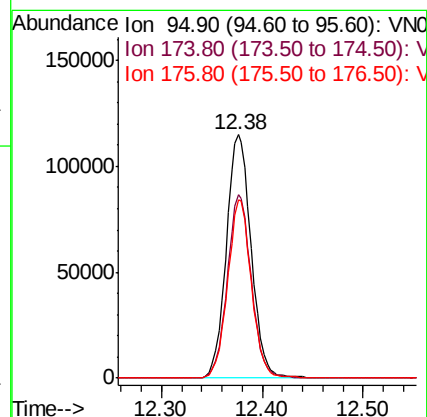
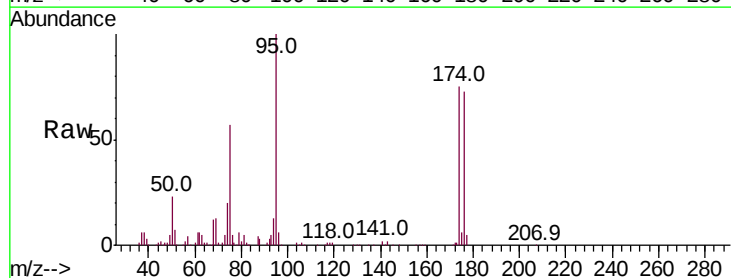
Tgt Ion: 95 Resp: 197532

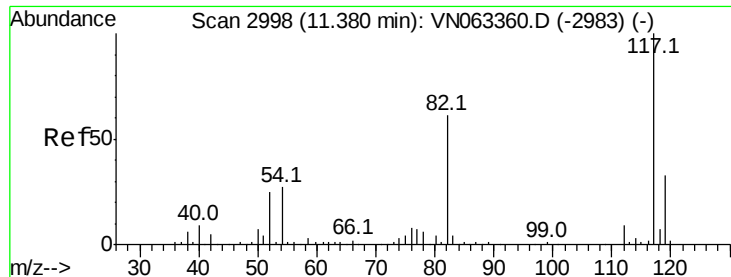
Ion Ratio Lower Upper

95 100

174 73.1 0.0 140.8

176 69.8 0.0 137.6

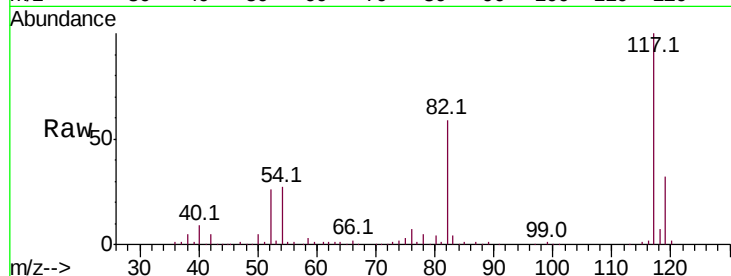




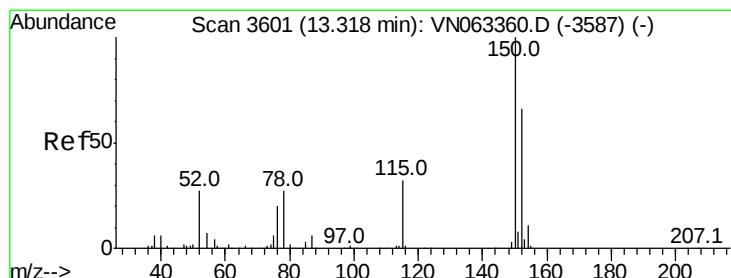
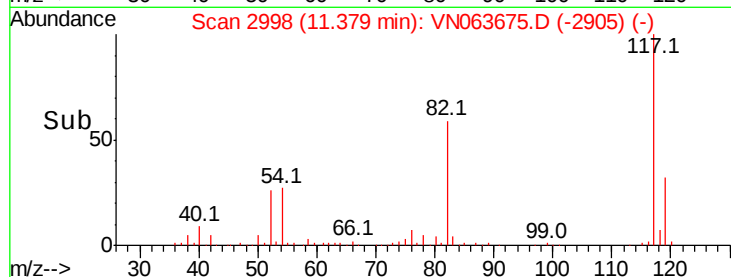
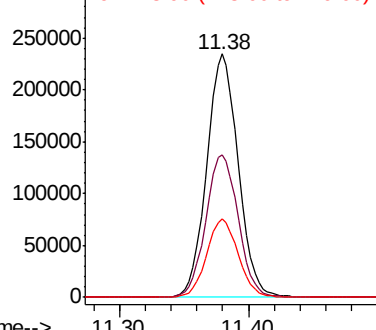
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063675.D
Acq: 25 Sep 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

Tot Ion:117 Resp: 398742
Ion Ratio Lower Upper
117 100
82 58.8 49.2 73.8
119 32.1 26.2 39.4

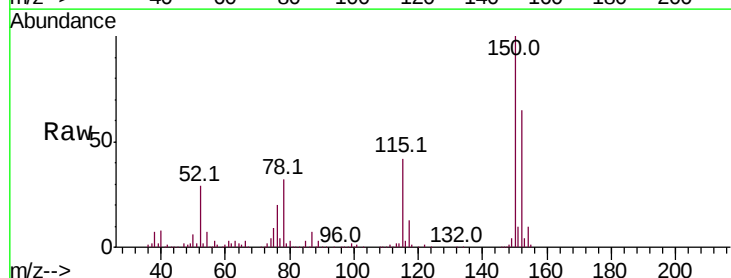


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

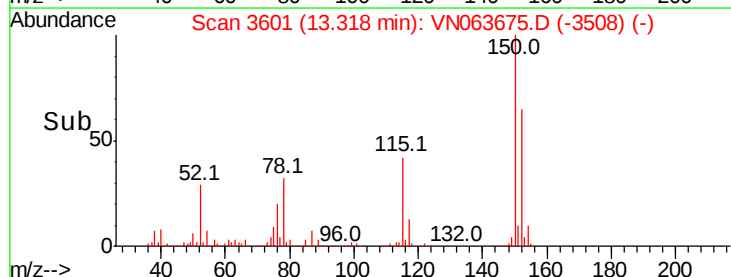
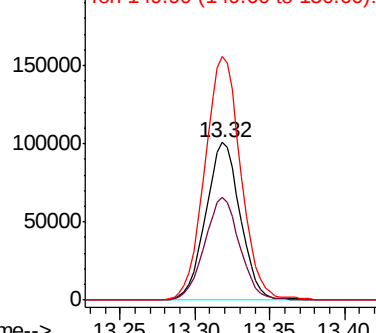


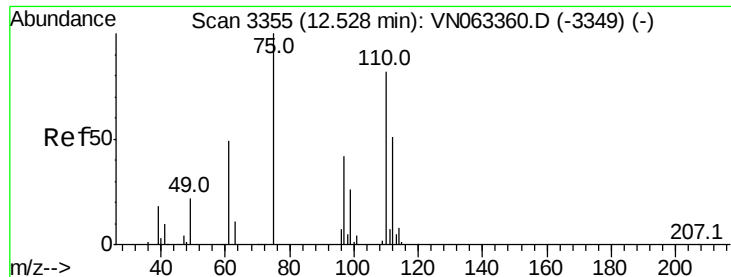
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063675.D
Acq: 25 Sep 2020 13:55

Tgt Ion:152 Resp: 162451
Ion Ratio Lower Upper
152 100
115 66.0 32.2 96.6
150 160.9 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: 27.664 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

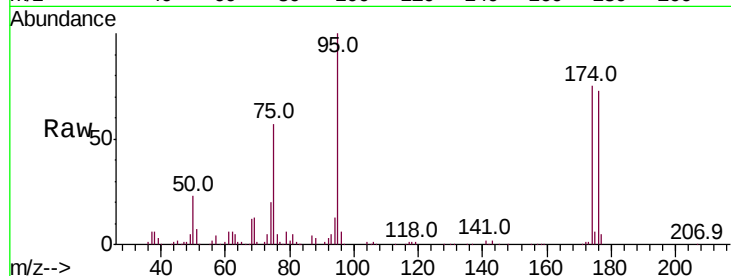
VN0925WBL01

Tot Ion: 75 Resp: 111235

Ion Ratio Lower Upper

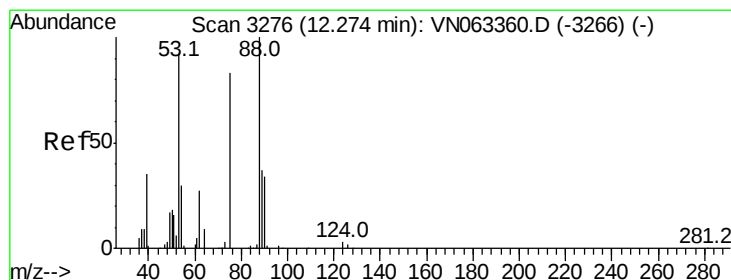
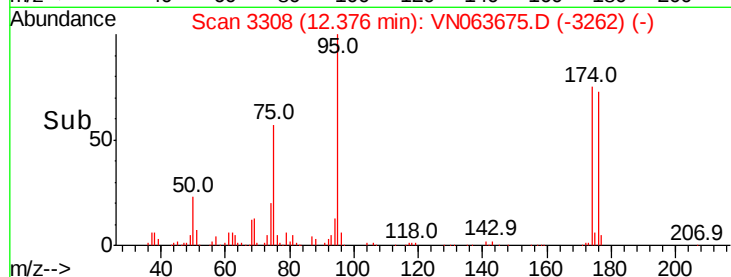
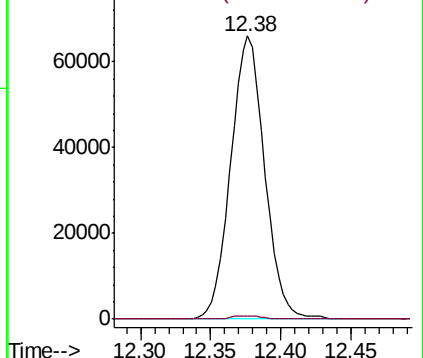
75 100

77 0.9 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: 75.845 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063675.D

Acq: 25 Sep 2020 13:55

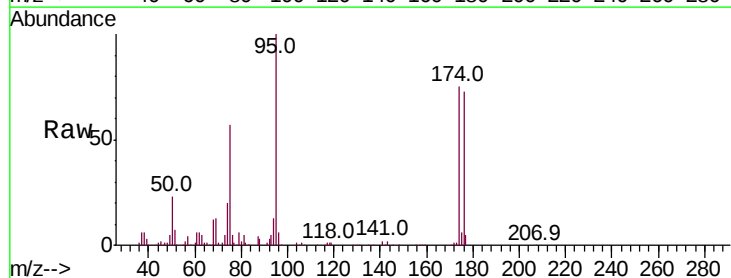
Tgt Ion: 75 Resp: 111235

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

