

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063503.D
 Acq On : 21 Sep 2020 23:17
 Operator : JC/MD
 Sample : VN0921WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBL02

Quant Time: Sep 22 04:58:41 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	244866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	195293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200120	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	7.55	113	147273	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.06	98	579390	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
62) 4-Bromofluorobenzene	12.38	95	232923	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	

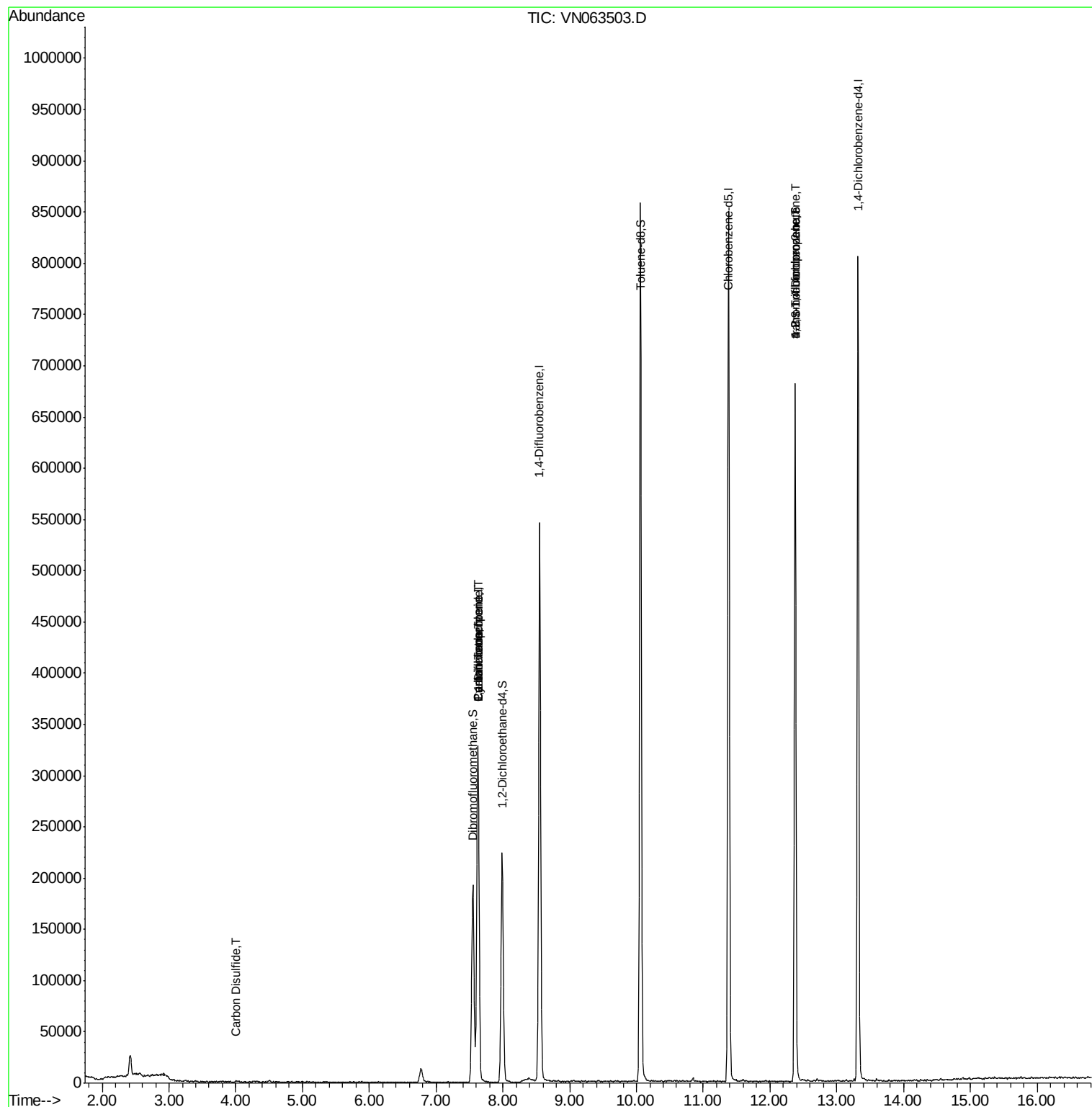
Target Compounds						Qvalue
17) Carbon Disulfide	4.01	76	1832	0.228	ug/l #	75
31) Cyclohexane	7.63	56	7276	1.264	ug/l #	30
36) 1,1-Dichloropropene	7.62	75	23063	4.730	ug/l #	50
38) Carbon Tetrachloride	7.63	117	26885	5.401	ug/l #	16
76) 1,2,3-Trichloropropane	12.38	75	126686	26.209	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	126686	71.854	ug/l #	7

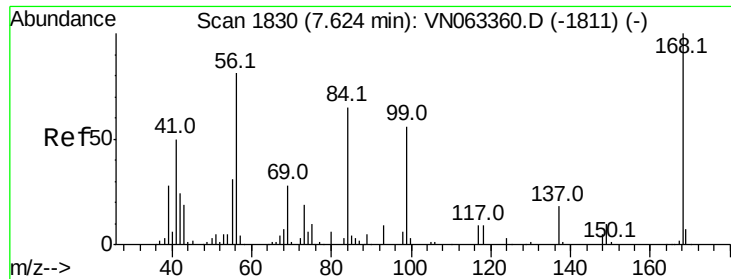
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN063503.D

Acq: 21 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

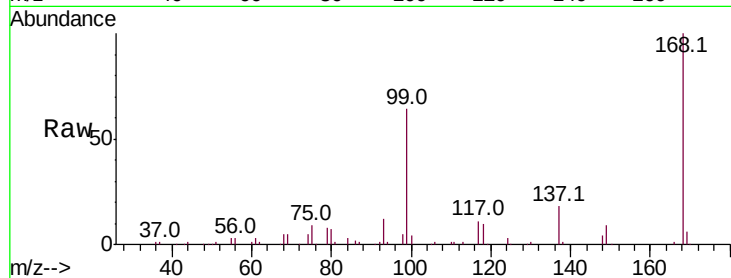
VN0921WBL02

Tot Ion:168 Resp: 244866

Ion Ratio Lower Upper

168 100

99 64.3 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

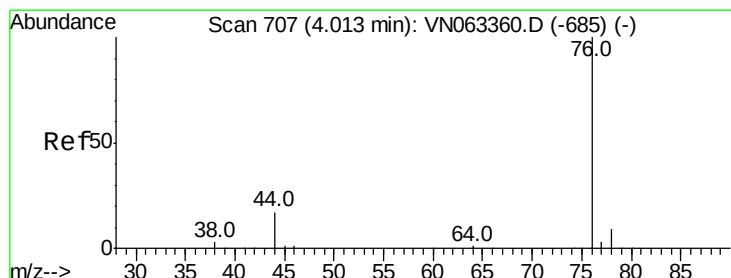
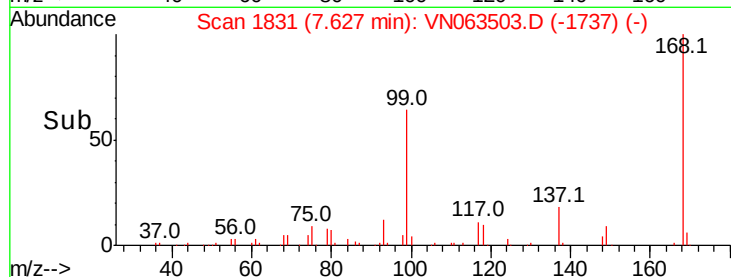
60000

40000

20000

0

Time-->



#17

Carbon Disulfide

Concen: 0.228 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN063503.D

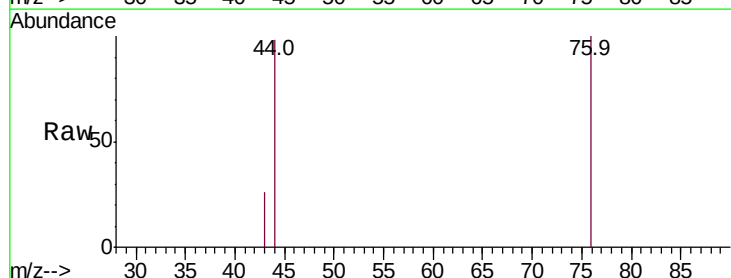
Acq: 21 Sep 2020 23:17

Tgt Ion: 76 Resp: 1832

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN

Ion 77.90 (77.60 to 78.60): VN

4.01

800

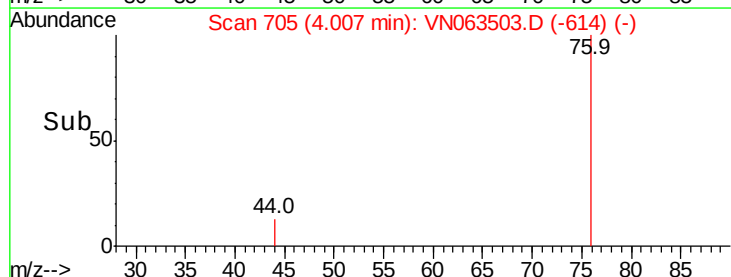
600

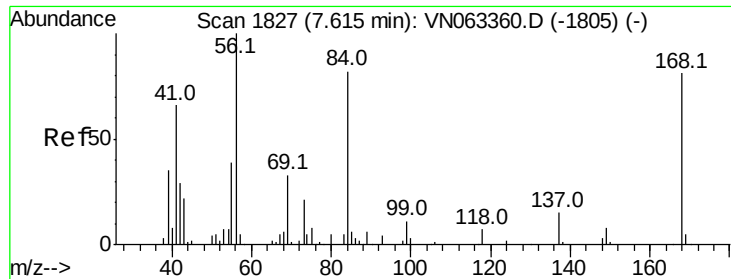
400

200

0

Time-->

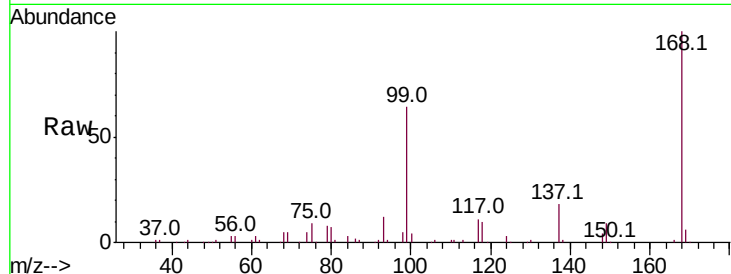




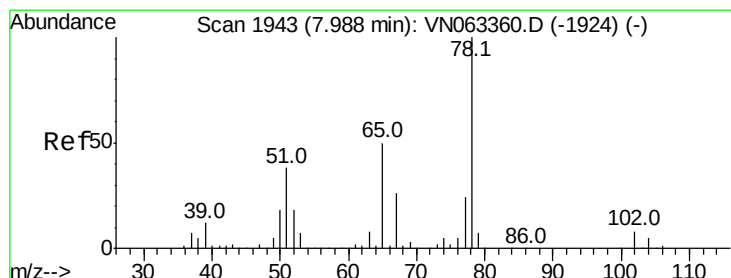
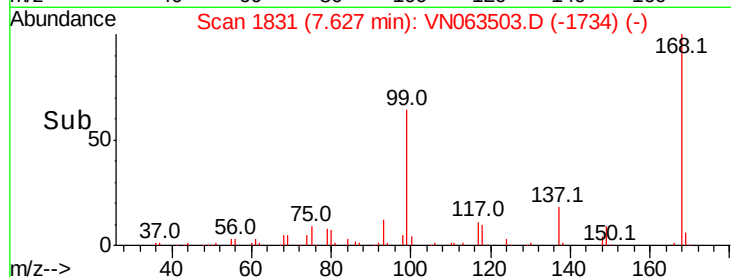
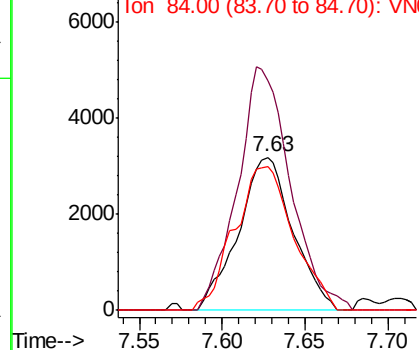
#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL02

Tot Ion: 56 Resp: 7276
Ion Ratio Lower Upper
56 100
69 150.6 26.1 39.1#
84 94.0 65.4 98.2

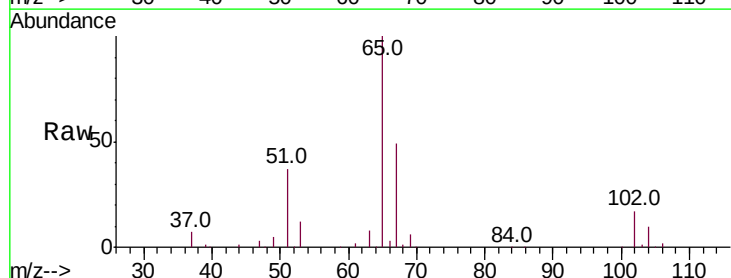


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

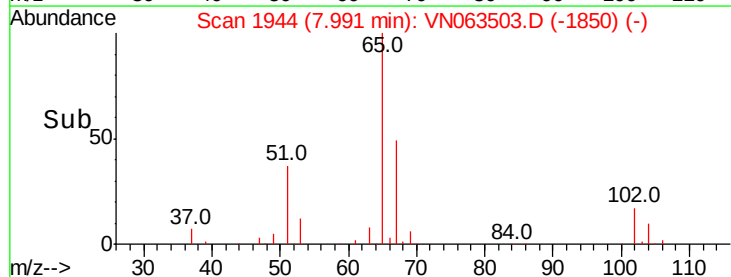
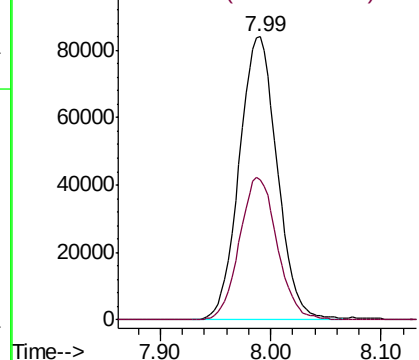


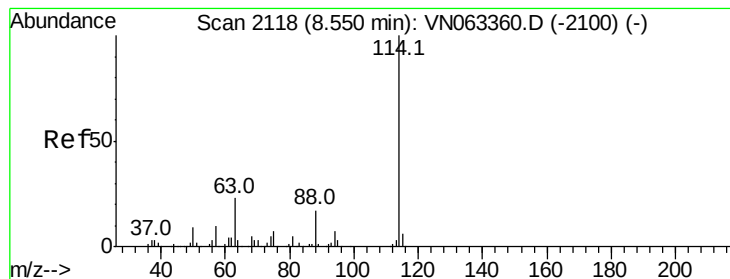
#33
1,2-Dichloroethane-d4
Concen: 48.010 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

Tgt Ion: 65 Resp: 200120
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBL02

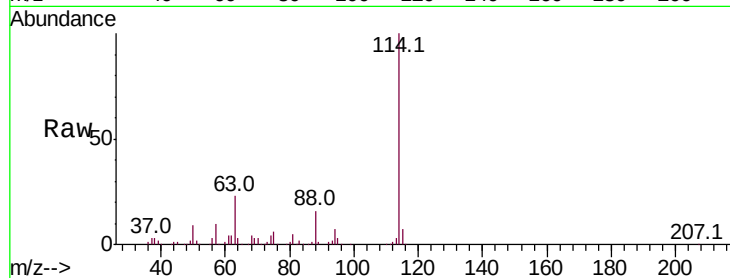
Tot Ion:114 Resp: 457680

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.4

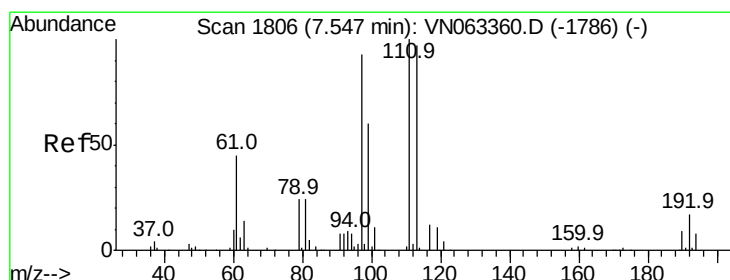
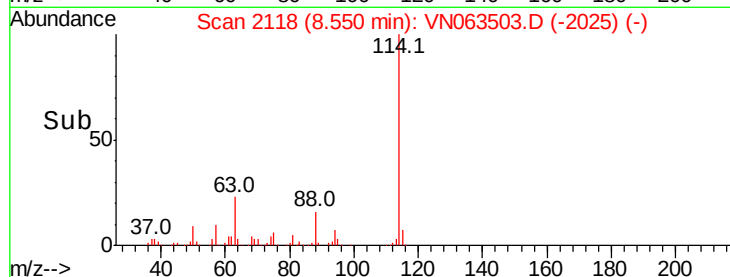
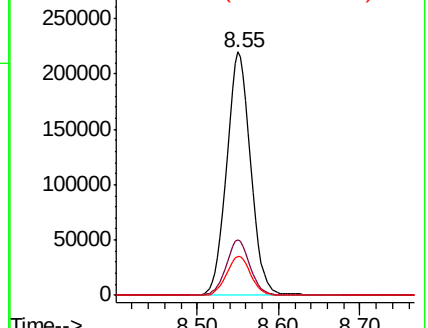
88 16.1 0.0 33.2



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: 46.481 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

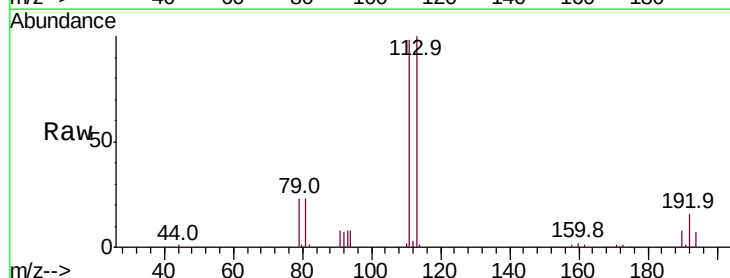
Tgt Ion:113 Resp: 147273

Ion Ratio Lower Upper

113 100

111 100.4 82.9 124.3

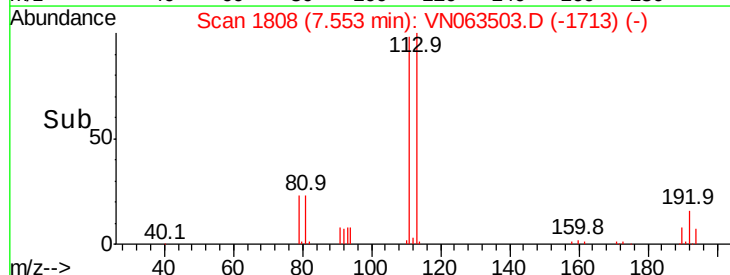
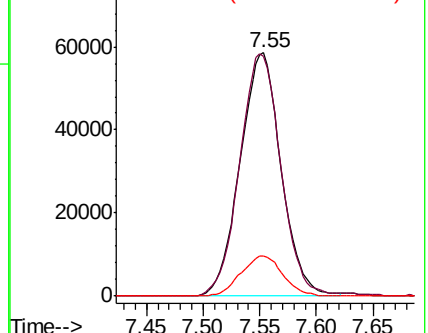
192 16.9 13.9 20.9

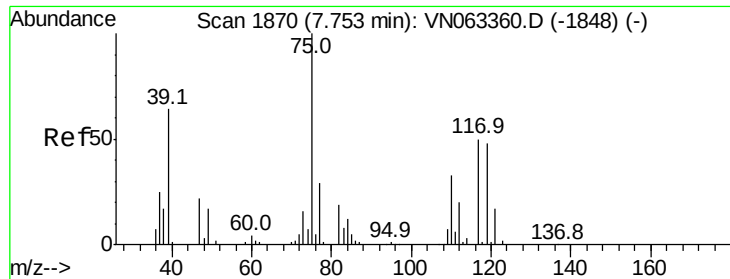


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.730 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.13 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampled :

VN0921WBL02

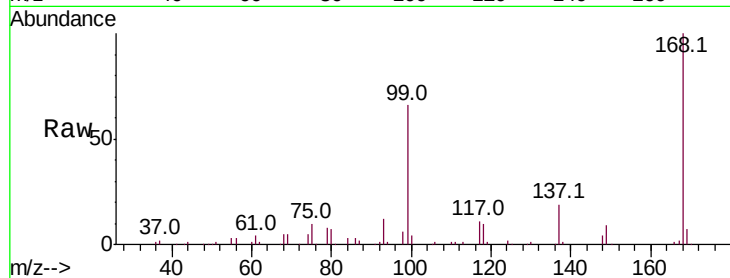
Tot Ion: 75 Resp: 23063

Ion Ratio Lower Upper

75 100

110 8.2 16.5 49.5#

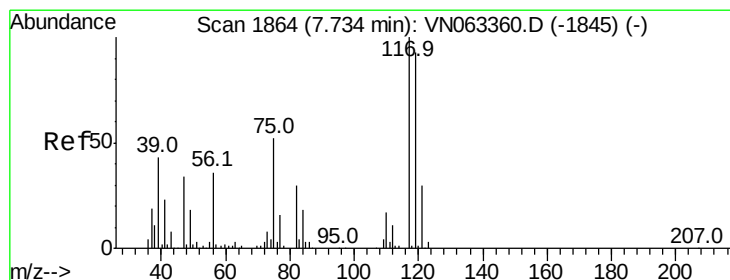
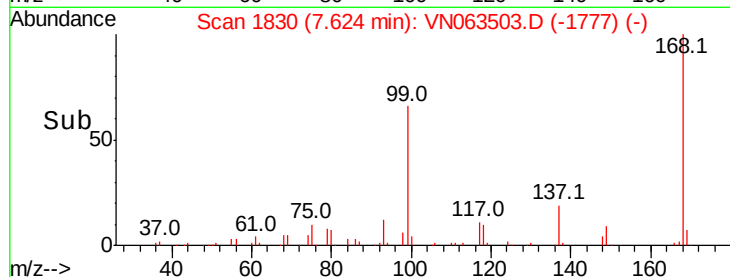
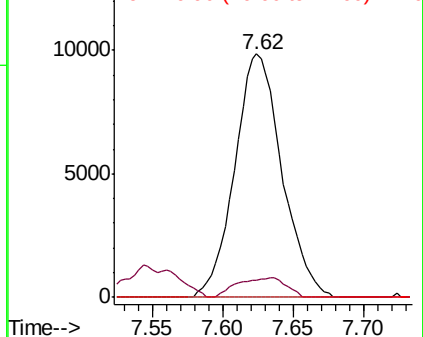
77 0.0 24.6 36.8#



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) (-)



#38

Carbon Tetrachloride

Concen: 5.401 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. -0.10 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

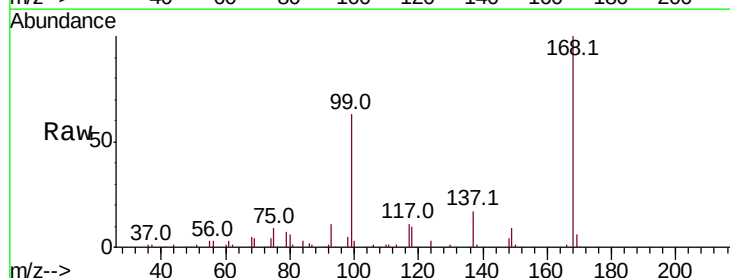
Tgt Ion: 117 Resp: 26885

Ion Ratio Lower Upper

117 100

119 3.5 74.5 111.7#

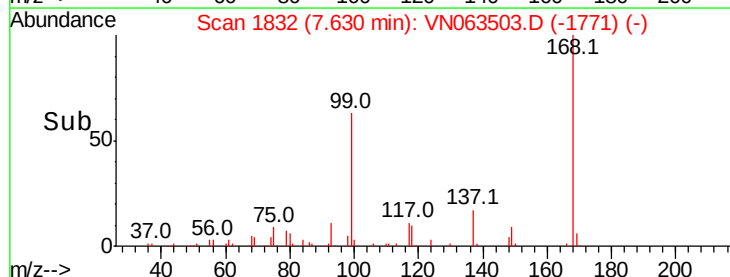
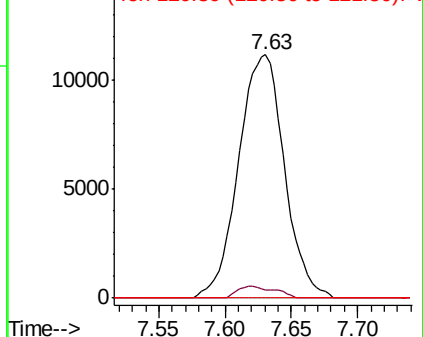
121 0.0 24.1 36.1#

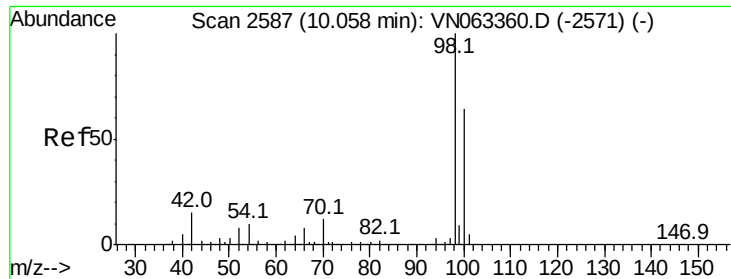


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

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

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

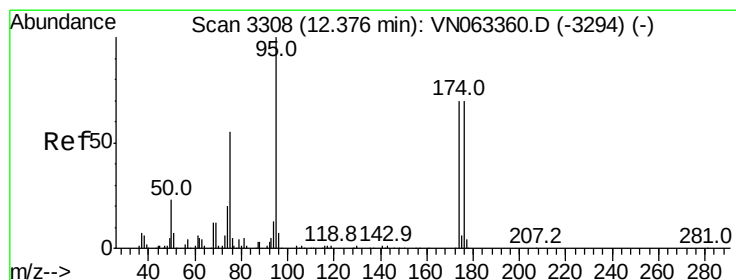
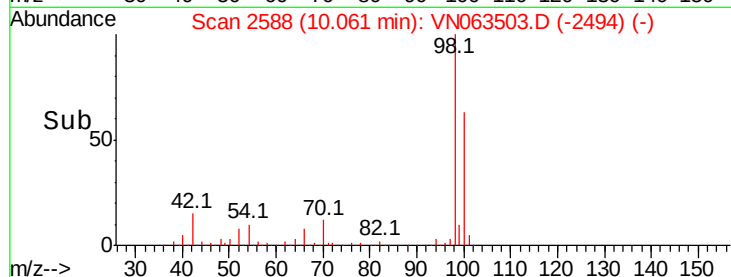
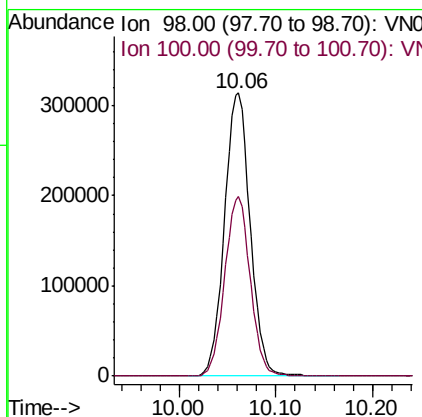
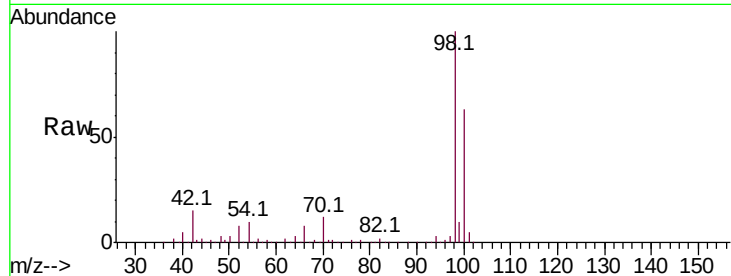




#50
Toluene-d8
Concen: 48.632 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

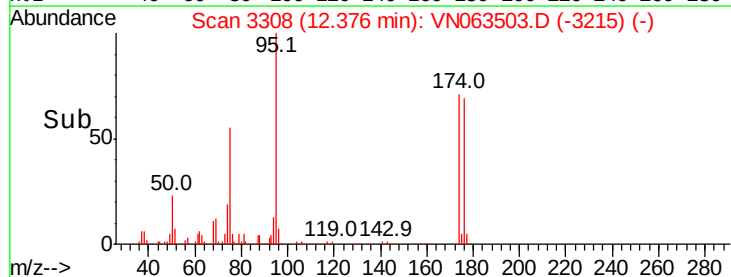
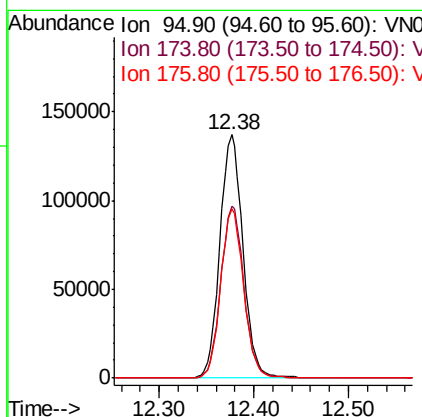
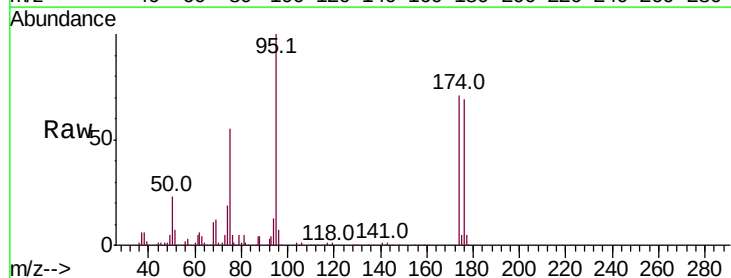
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL02

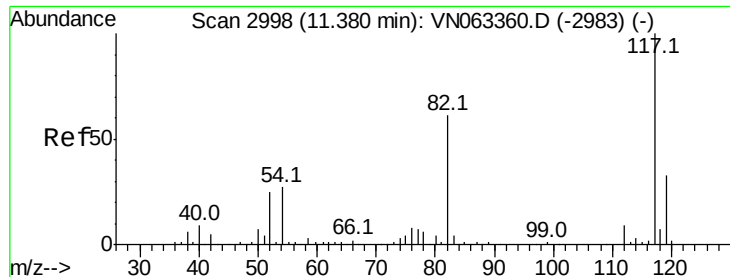
Tot Ion: 98 Resp: 579390
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 53.332 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

Tgt Ion: 95 Resp: 232923
Ion Ratio Lower Upper
95 100
174 70.5 0.0 140.8
176 68.9 0.0 137.6

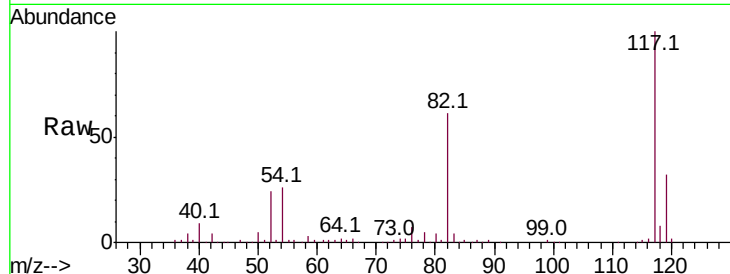




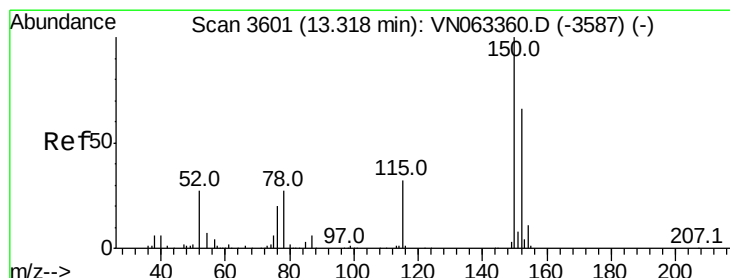
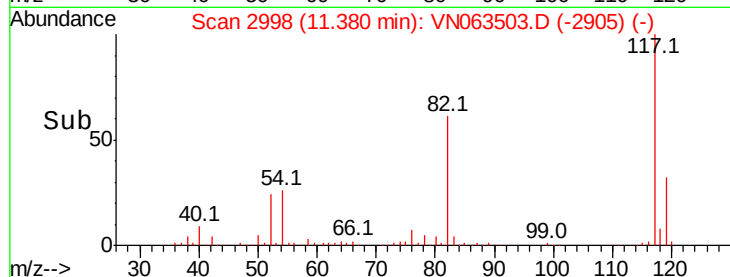
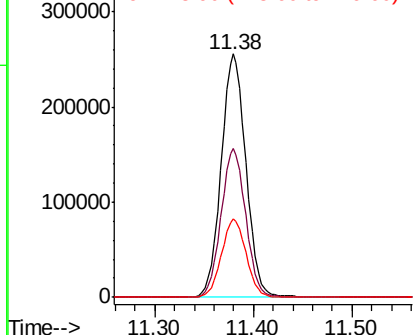
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBL02

Tot Ion:117 Resp: 449584
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.2 26.2 39.4

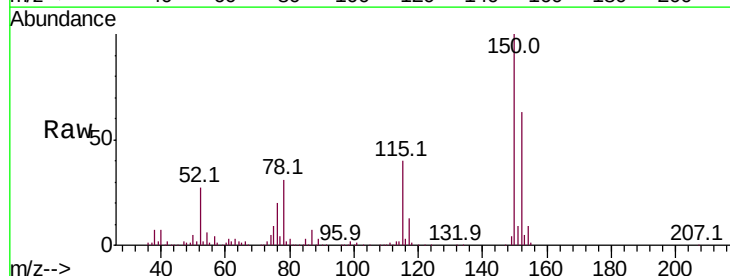


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

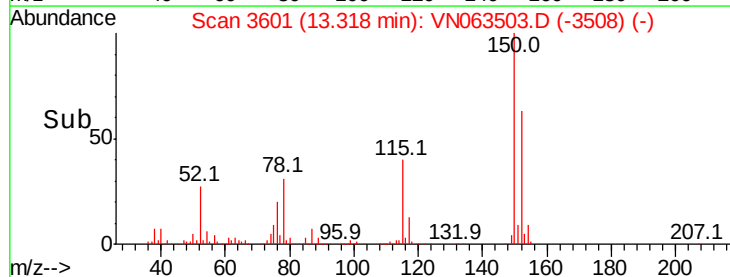
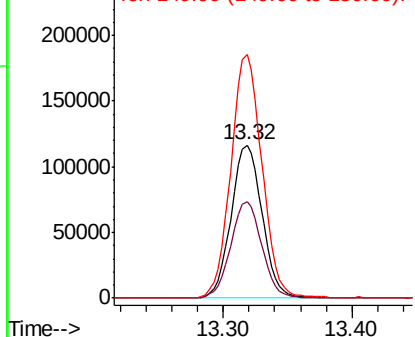


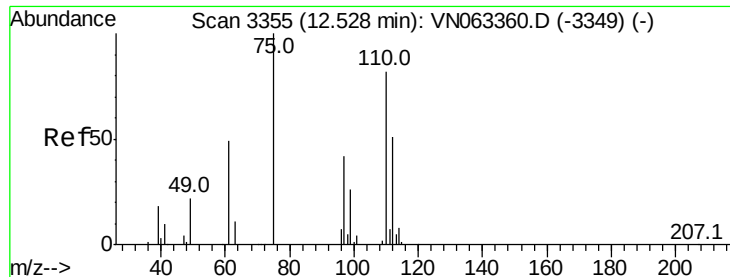
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063503.D
Acq: 21 Sep 2020 23:17

Tgt Ion:152 Resp: 195293
Ion Ratio Lower Upper
152 100
115 63.3 32.2 96.6
150 159.1 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: 26.209 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

Instrument :

MSVOA_N

ClientSampled :

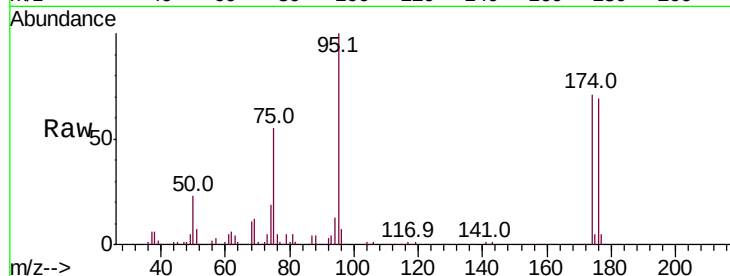
VN0921WBL02

Tot Ion: 75 Resp: 126686

Ion Ratio Lower Upper

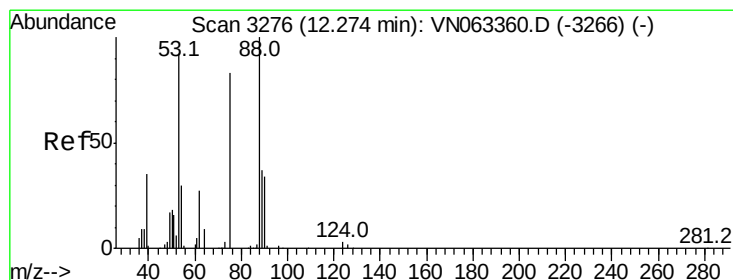
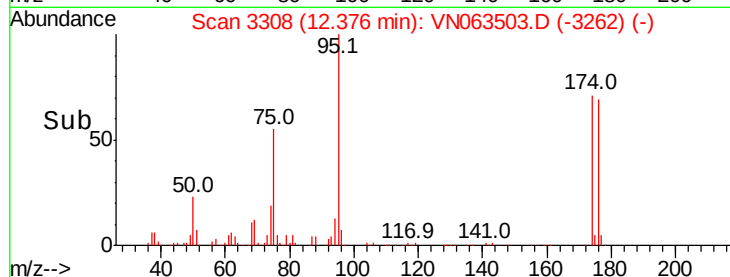
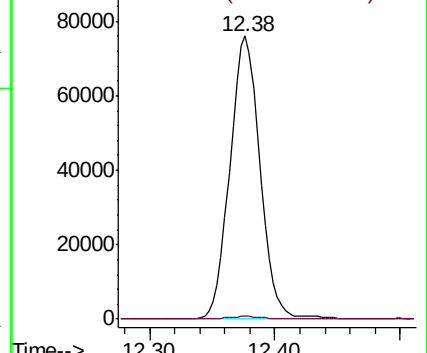
75 100

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: 71.854 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063503.D

Acq: 21 Sep 2020 23:17

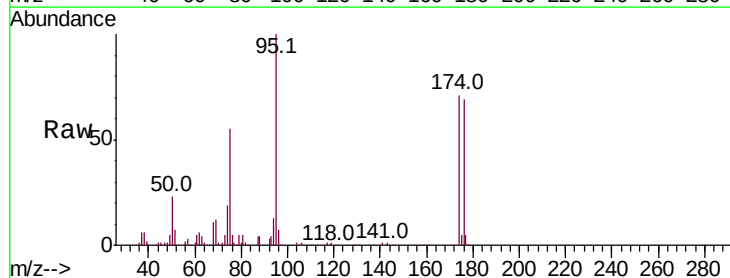
Tgt Ion: 75 Resp: 126686

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.1 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

