

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064800.D
 Acq On : 24 Nov 2020 10:52
 Operator : JC/MD
 Sample : VN1124WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL01

Quant Time: Nov 25 04:02:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	284754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	293941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	101731	54.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.28%
35) Dibromofluoromethane	7.55	113	91160	53.50	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.00%
50) Toluene-d8	10.06	98	356461	51.20	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.40%
62) 4-Bromofluorobenzene	12.38	95	137305	55.11	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.22%

Target Compounds

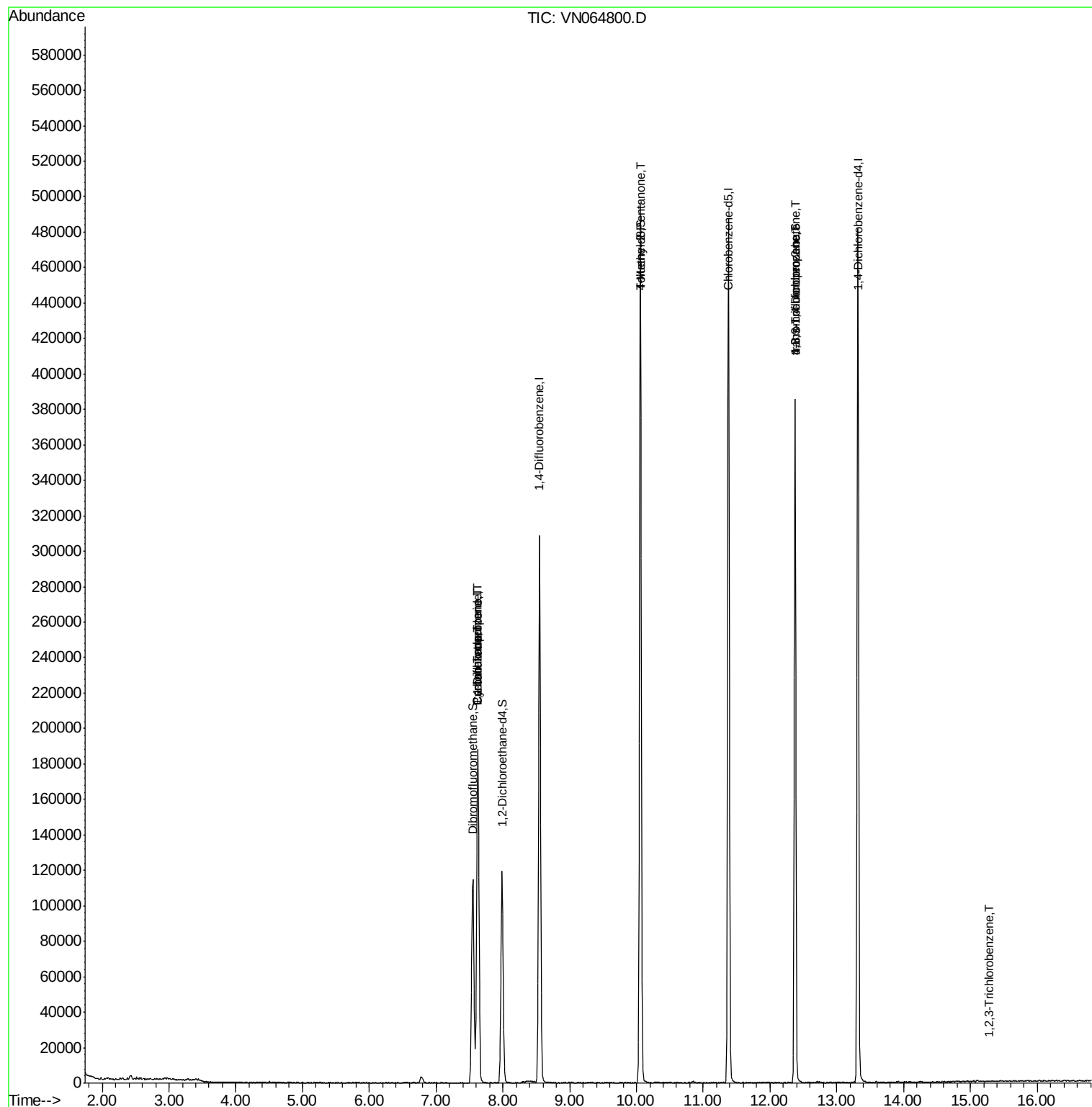
					Qvalue	
31) Cyclohexane	7.62	56	2774	1.069	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10550	3.997	ug/l #	45
38) Carbon Tetrachloride	7.62	117	15290	5.568	ug/l #	16
51) 4-Methyl-2-Pentanone	10.05	43	1547	0.630	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	66933	22.729	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66933	62.296	ug/l #	15
96) 1,2,3-Trichlorobenzene	15.29	180	59	1.414	ug/l #	12

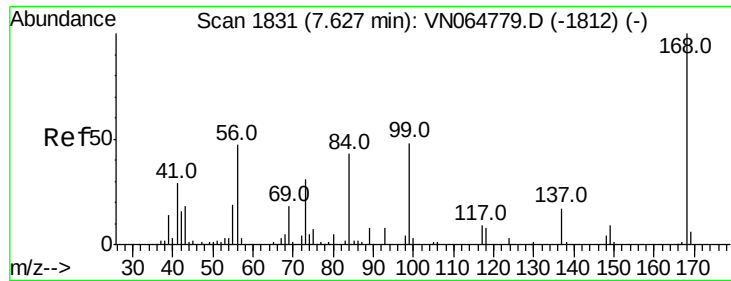
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112420\
Data File : VN064800.D
Acq On : 24 Nov 2020 10:52
Operator : JC/MD
Sample : VN1124WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1124WBL01

Quant Time: Nov 25 04:02:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampleId :

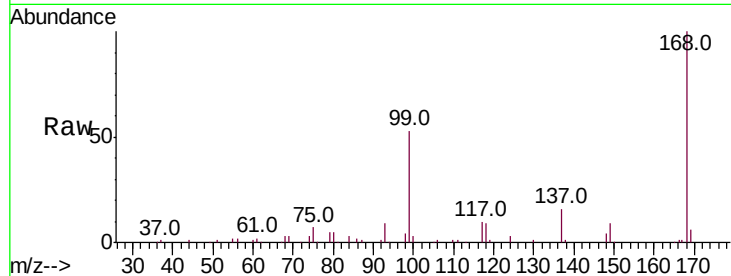
VN1124WBL01

Tot Ion:168 Resp: 160151

Ion Ratio Lower Upper

168 100

99 52.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

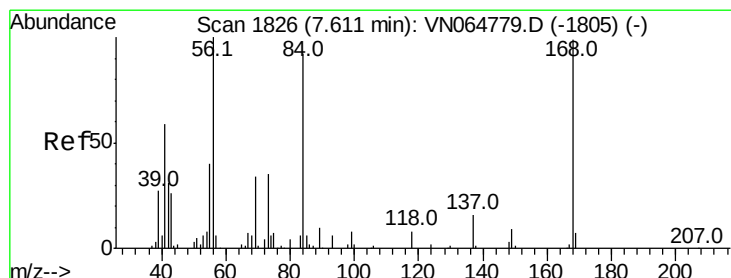
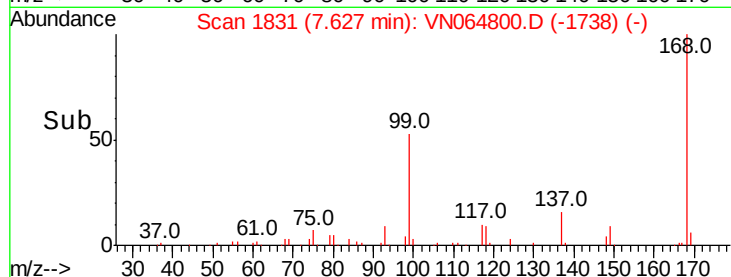
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 1.069 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

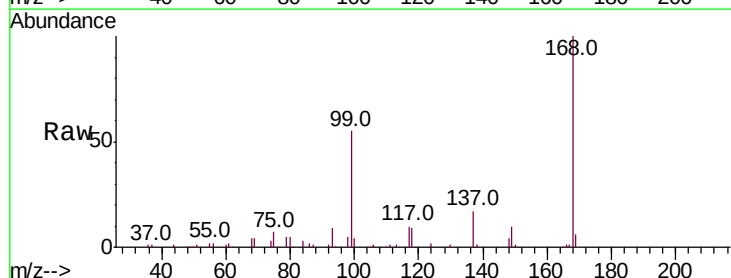
Tgt Ion: 56 Resp: 2774

Ion Ratio Lower Upper

56 100

69 188.5 27.5 41.3#

84 138.4 73.9 110.9#



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

3000

2500

2000

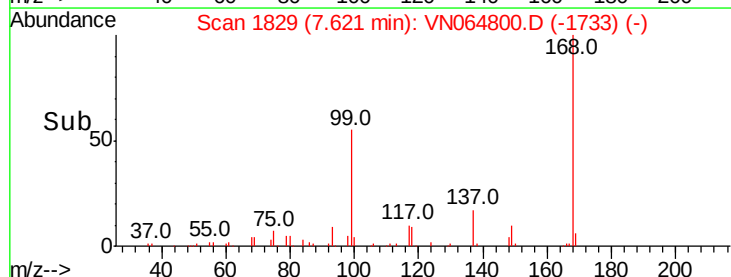
1500

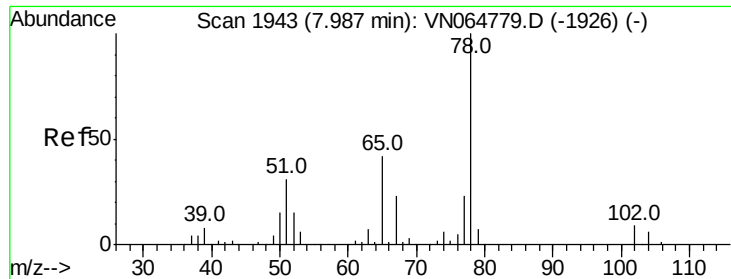
1000

500

0

Time--> 7.60 7.65

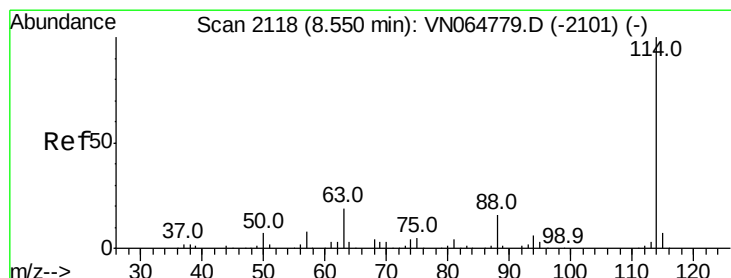
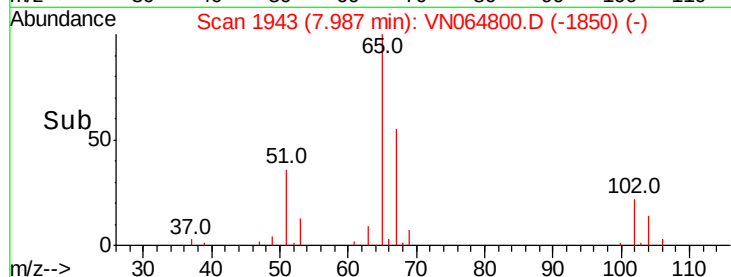
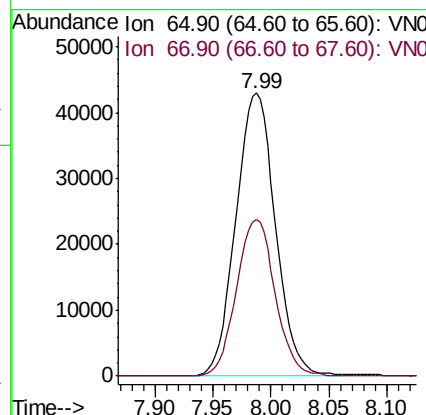
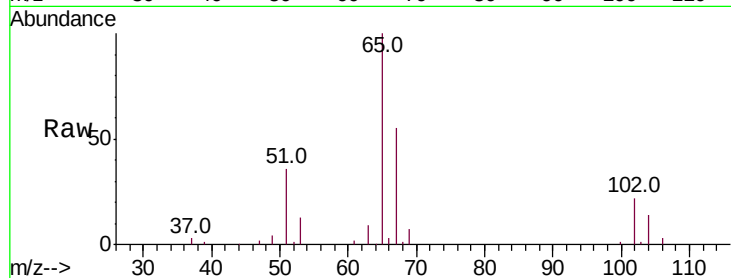




#33
 1,2-Dichloroethane-d4
 Concen: 54.639 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064800.D
 Acq: 24 Nov 2020 10:52

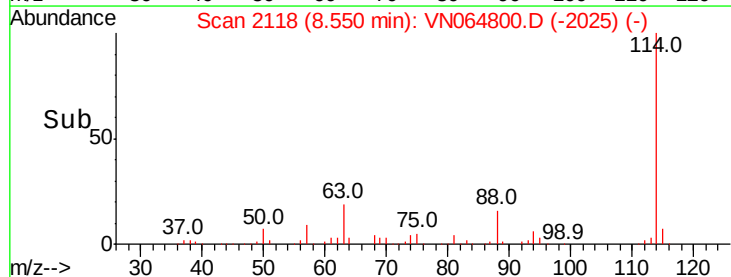
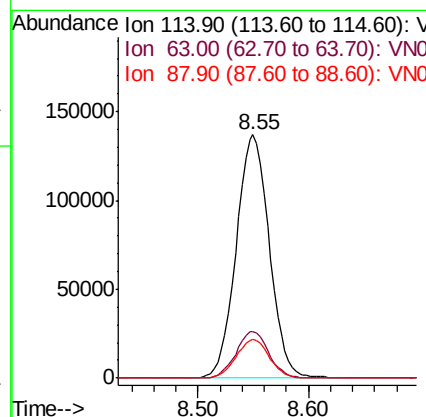
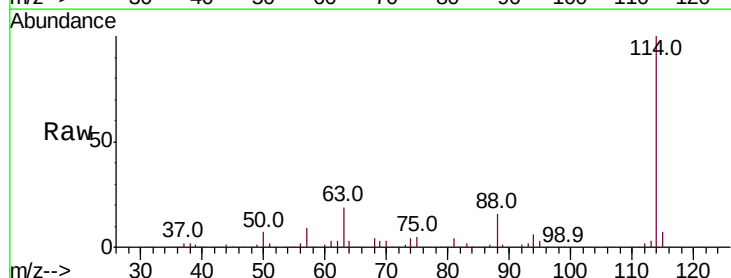
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL01

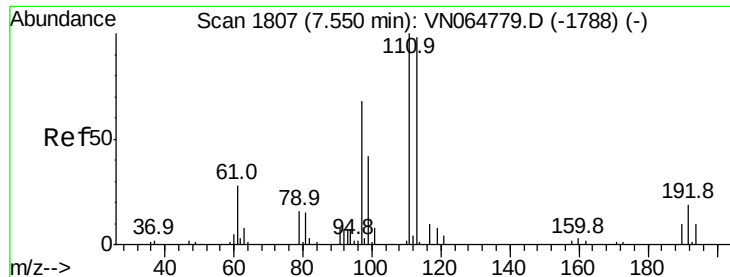
Tot Ion: 65 Resp: 101731
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064800.D
 Acq: 24 Nov 2020 10:52

Tgt Ion: 114 Resp: 284754
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 16.0 0.0 32.6

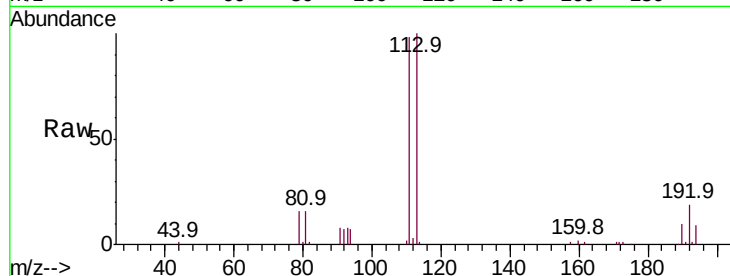




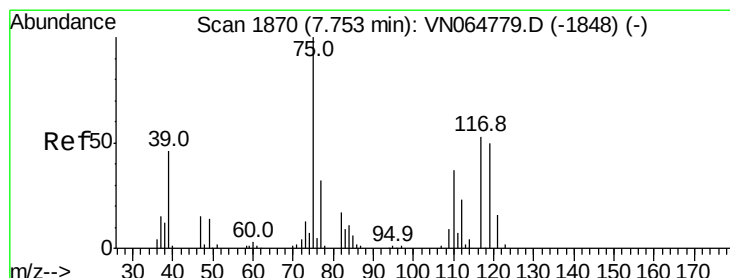
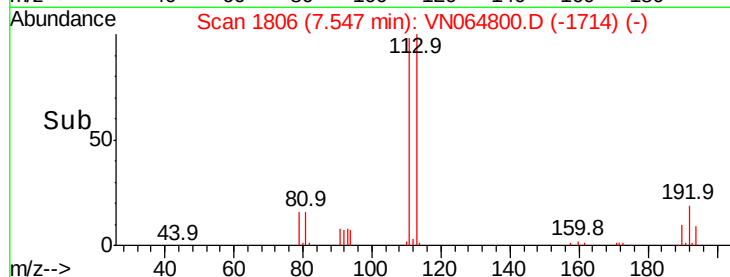
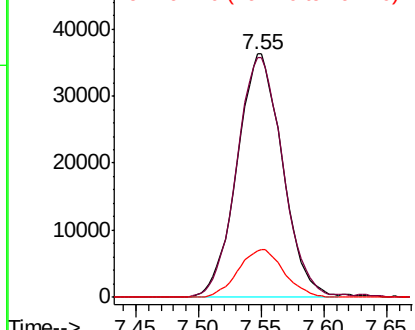
#35
 Dibromofluoromethane
 Concen: 53.502 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064800.D
 Acq: 24 Nov 2020 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1124WBL01

Tot Ion:113 Resp: 91160
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 19.8 16.2 24.2

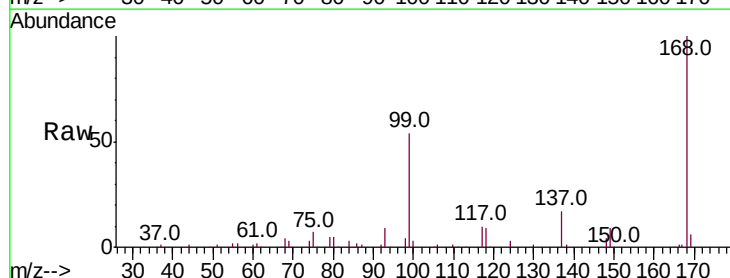


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

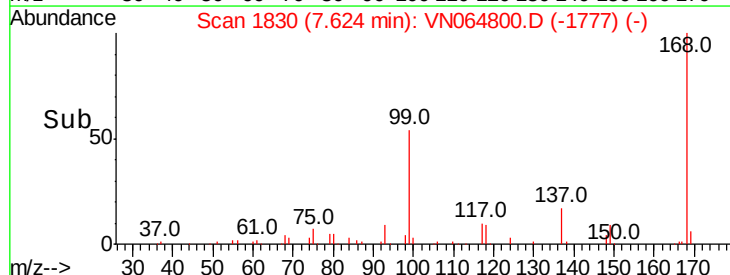
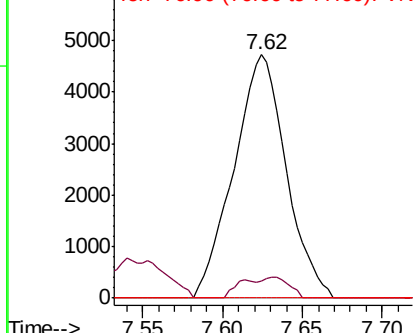


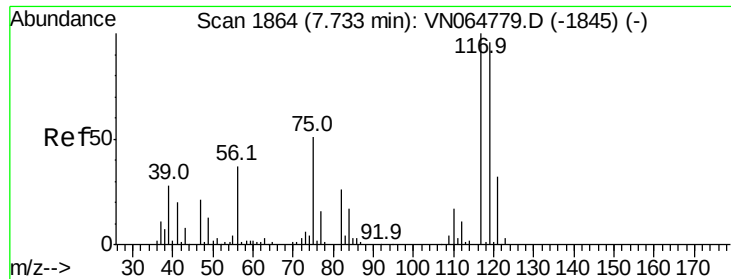
#36
 1,1-Dichloropropene
 Concen: 3.997 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064800.D
 Acq: 24 Nov 2020 10:52

Tgt Ion: 75 Resp: 10550
 Ion Ratio Lower Upper
 75 100
 110 4.7 17.8 53.3#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.568 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.11 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampled :

VN1124WBL01

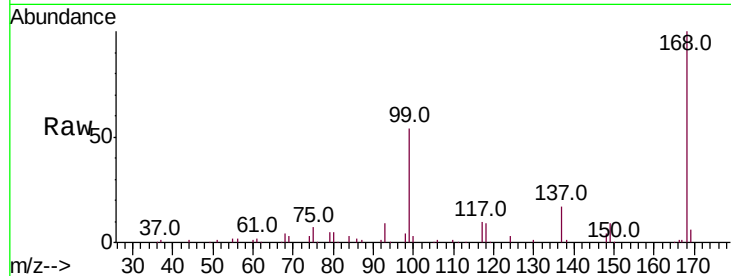
Tot Ion:117 Resp: 15290

Ion Ratio Lower Upper

117 100

119 4.7 76.7 115.1#

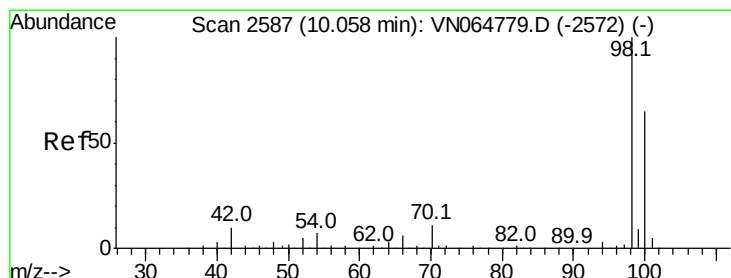
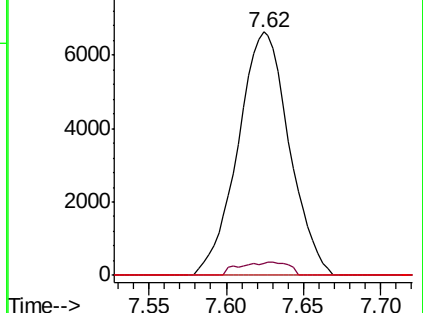
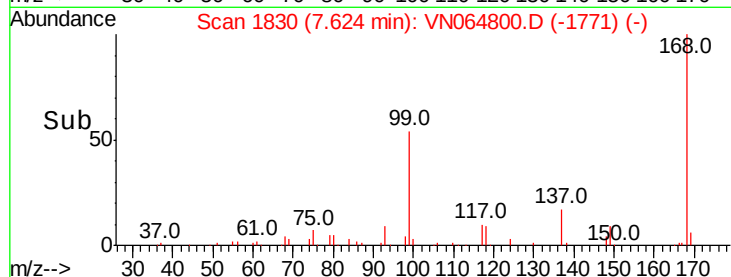
121 0.0 25.4 38.2#



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



#50

Toluene-d8

Concen: 51.202 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064800.D

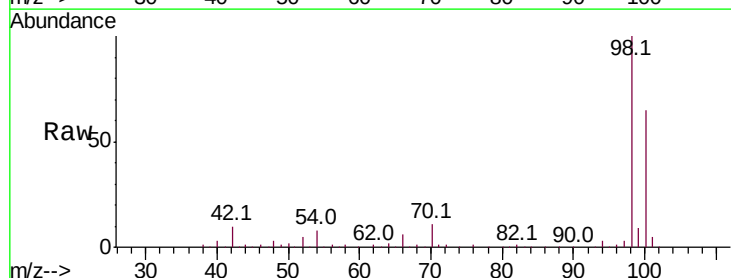
Acq: 24 Nov 2020 10:52

Tgt Ion: 98 Resp: 356461

Ion Ratio Lower Upper

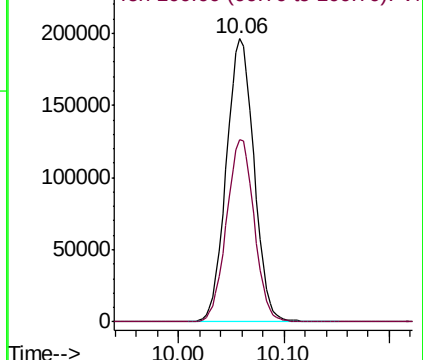
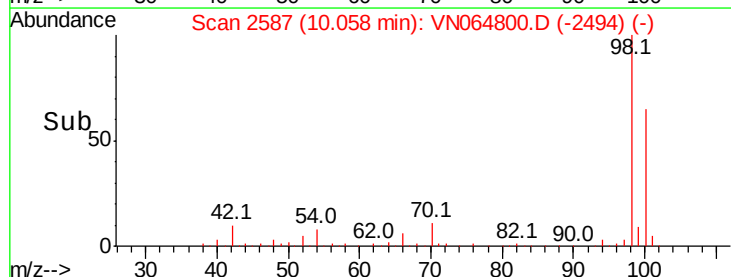
98 100

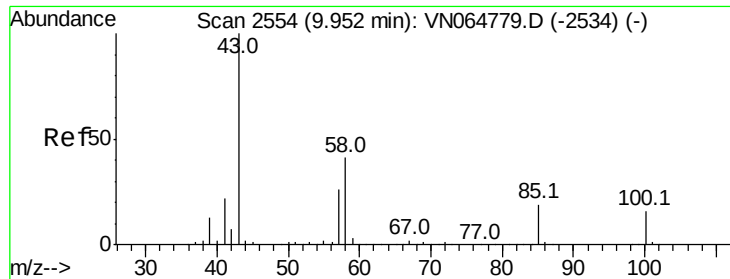
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.630 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampleId :

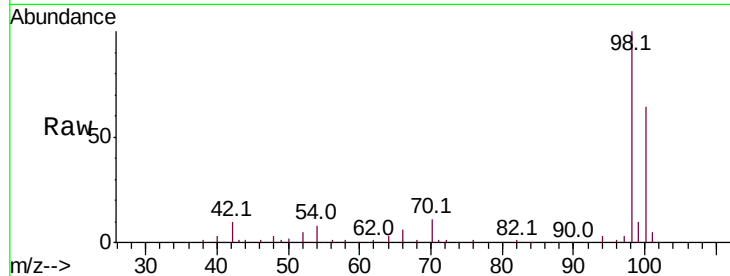
VN1124WBL01

Tot Ion: 43 Resp: 1547

Ion Ratio Lower Upper

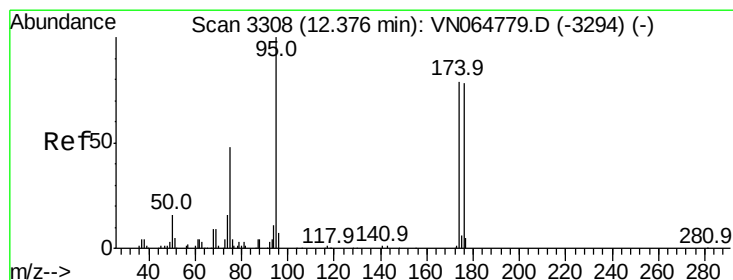
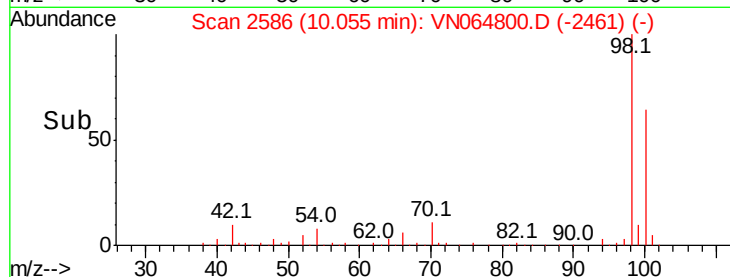
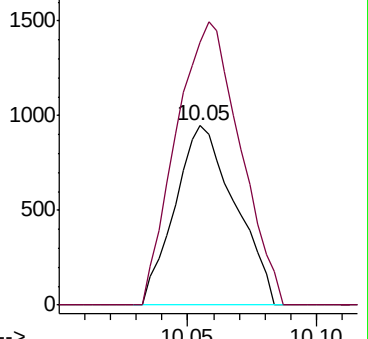
43 100

58 167.6 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)



#62

4-Bromofluorobenzene

Concen: 55.109 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

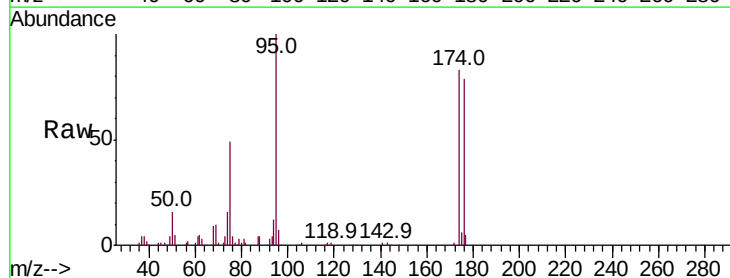
Tgt Ion: 95 Resp: 137305

Ion Ratio Lower Upper

95 100

174 83.3 0.0 160.4

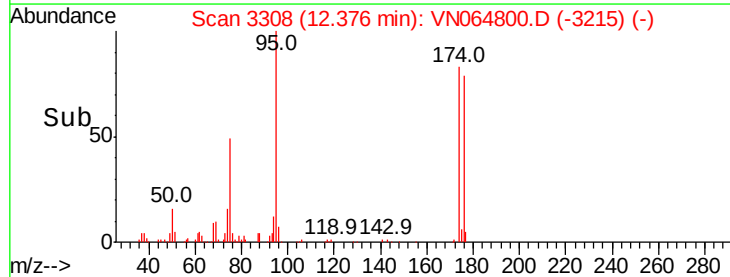
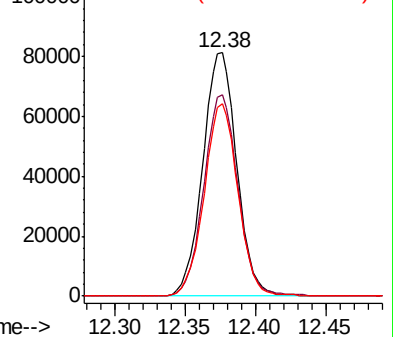
176 78.5 0.0 158.4

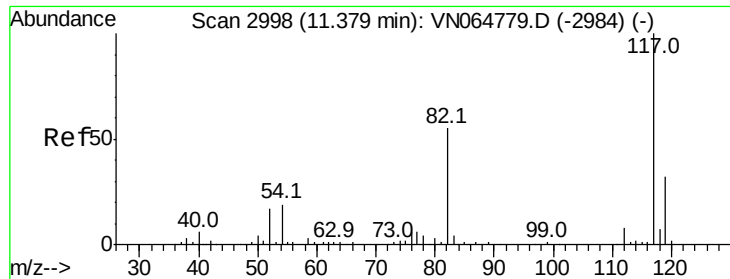


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBL01

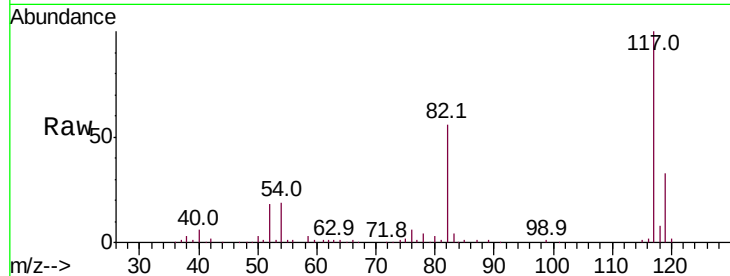
Tot Ion:117 Resp: 293941

Ion Ratio Lower Upper

117 100

82 55.7 44.2 66.2

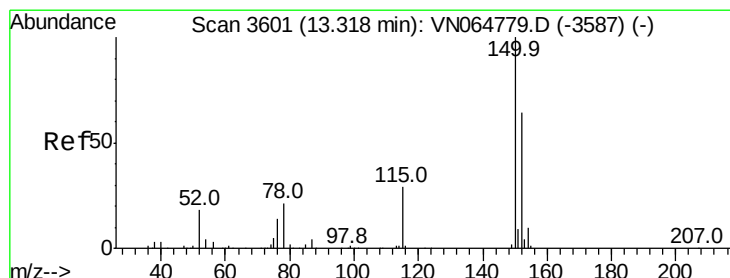
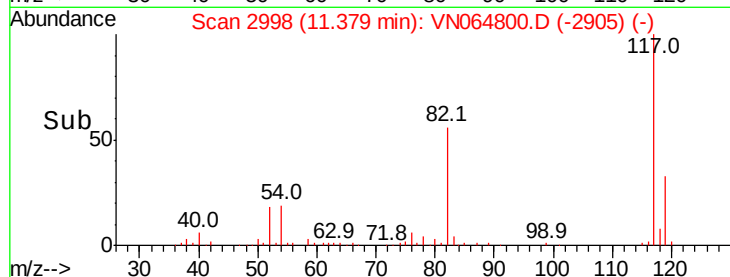
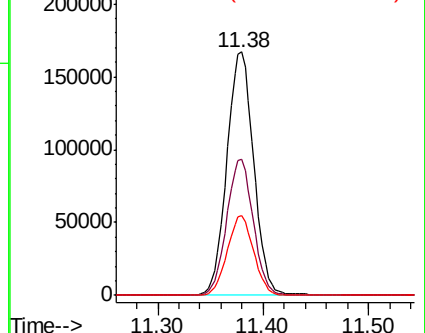
119 32.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

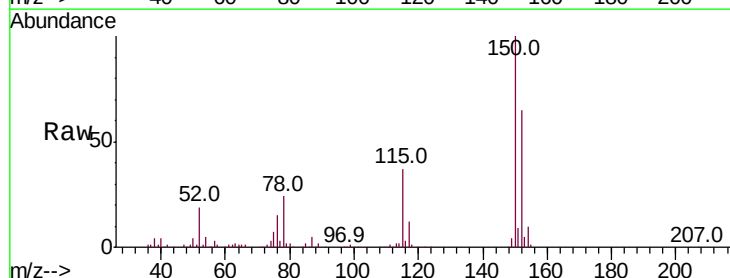
Tgt Ion:152 Resp: 136738

Ion Ratio Lower Upper

152 100

115 57.8 29.7 89.1

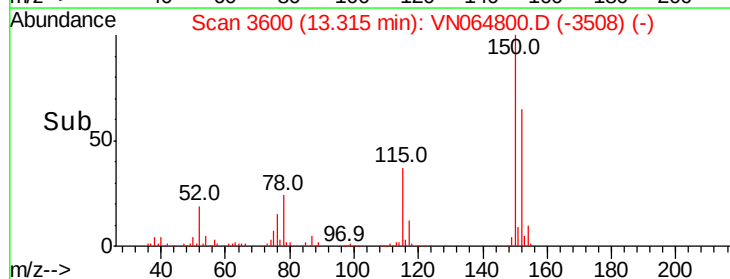
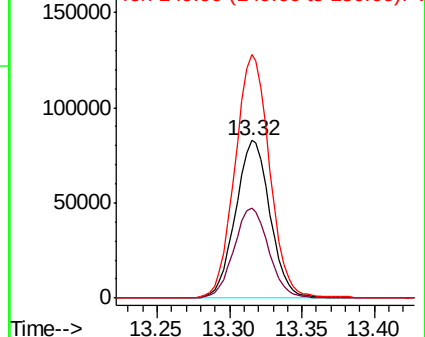
150 155.5 0.0 350.6

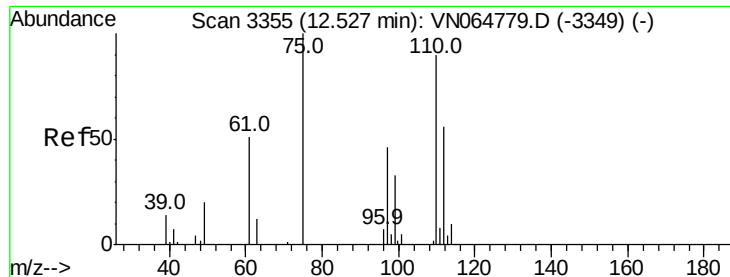


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.729 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampled :

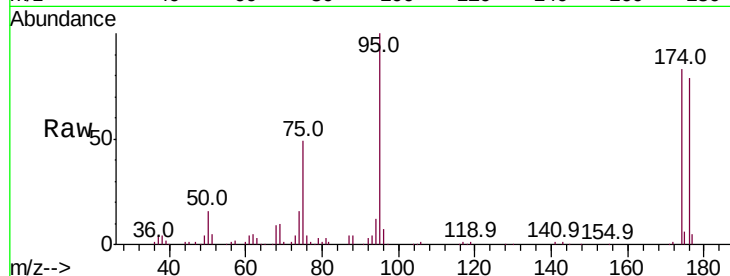
VN1124WBL01

Tot Ion: 75 Resp: 66933

Ion Ratio Lower Upper

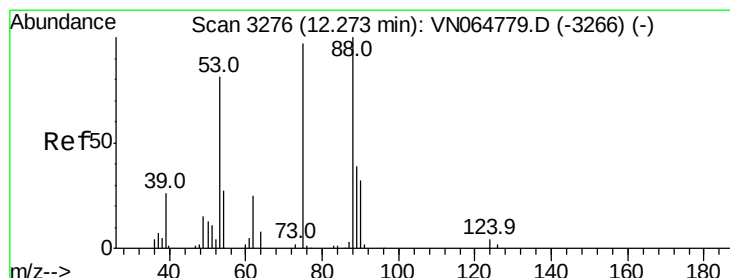
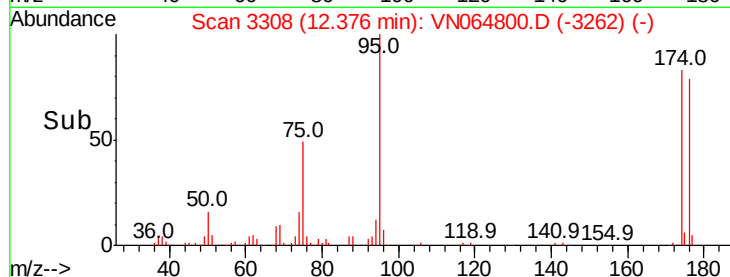
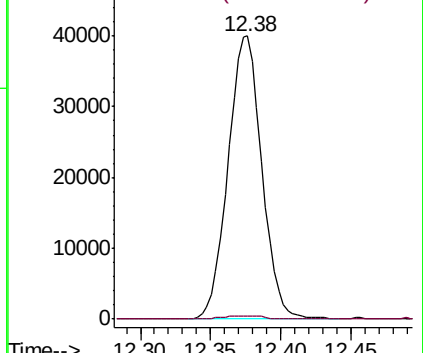
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN064800.D (-3308) (-)

Ion 77.00 (76.70 to 77.70): VN064800.D (-3308) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 62.296 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

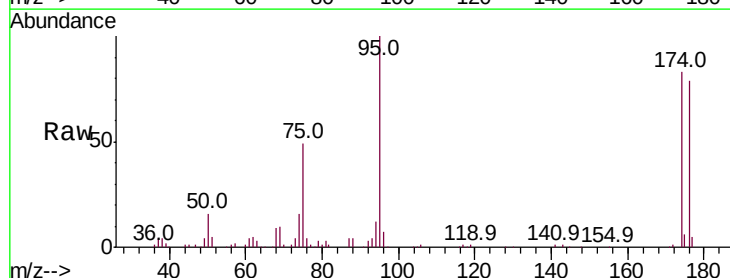
Tgt Ion: 75 Resp: 66933

Ion Ratio Lower Upper

75 100

53 0.0 67.0 100.4#

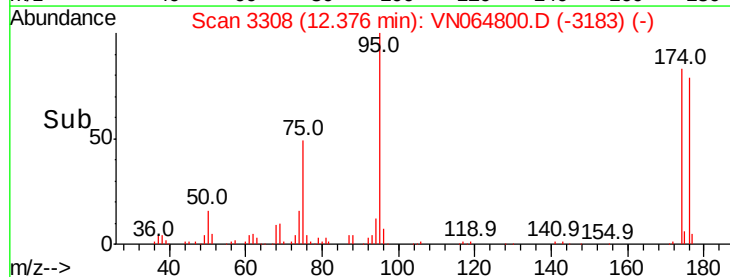
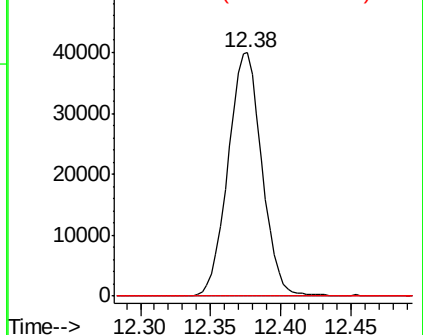
89 0.0 39.6 59.4#

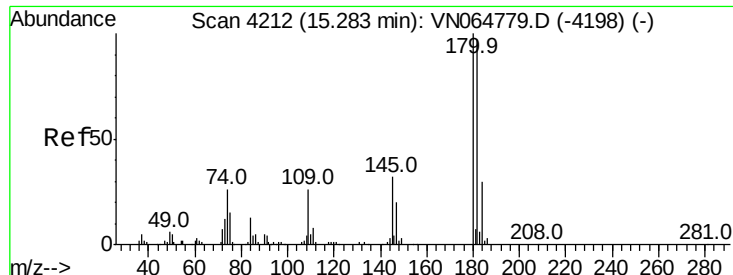


Abundance Ion 74.90 (74.60 to 75.60): VN064800.D (-3308) (-)

Ion 53.00 (52.70 to 53.70): VN064800.D (-3308) (-)

Ion 88.90 (88.60 to 89.60): VN064800.D (-3308) (-)





#96

1,2,3-Trichlorobenzene

Concen: 1.414 ug/l

RT: 15.29 min Scan# 4215

Delta R.T. 0.01 min

Lab File: VN064800.D

Acq: 24 Nov 2020 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN1124WBL01

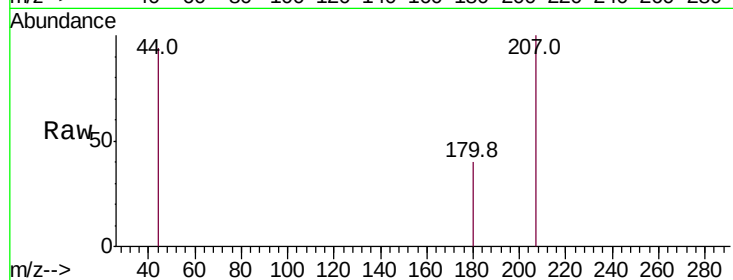
Tot Ion:180 Resp: 59

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 0.0 16.4 49.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

