

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070920\
 Data File : VN062458.D
 Acq On : 9 Jul 2020 16:32
 Operator : JC/MD
 Sample : VN0709WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL02

Quant Time: Jul 10 01:04:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	209775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133578	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	163078	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	119622	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
50) Toluene-d8	10.06	98	480867	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.38	95	175341	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	

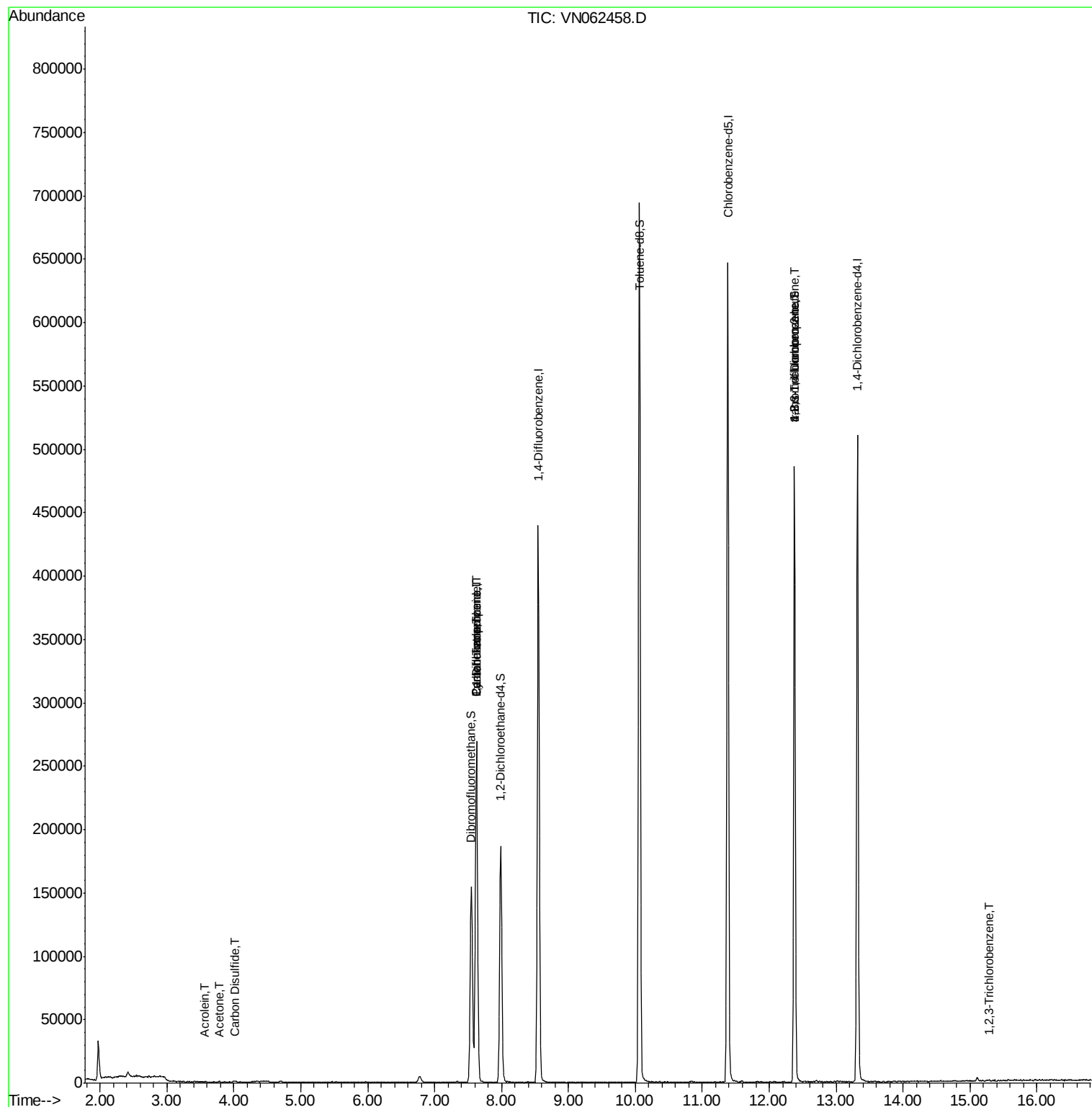
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.57	56	99	0.256	ug/l #	14
16) Acetone	3.79	43	704	0.514	ug/l #	45
17) Carbon Disulfide	4.01	76	1866	0.277	ug/l #	75
31) Cyclohexane	7.62	56	5227	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	18170	4.799	ug/l #	52
38) Carbon Tetrachloride	7.63	117	21664	6.364	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	91223	27.833	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	91223	74.497	ug/l #	10
95) Naphthalene	15.11	128	3783	Below Cal	#	91
96) 1,2,3-Trichlorobenzene	15.28	180	475	3.431	ug/l #	60

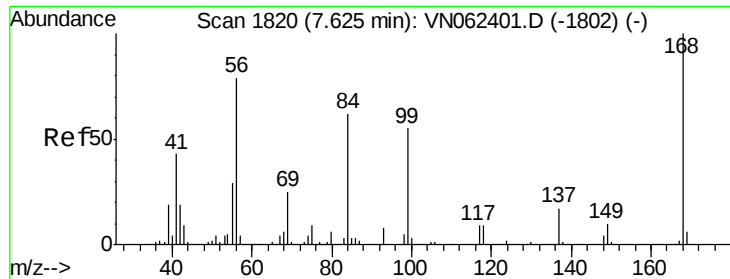
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070920\
Data File : VN062458.D
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Sample : VN0709WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL02

Quant Time: Jul 10 01:04:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

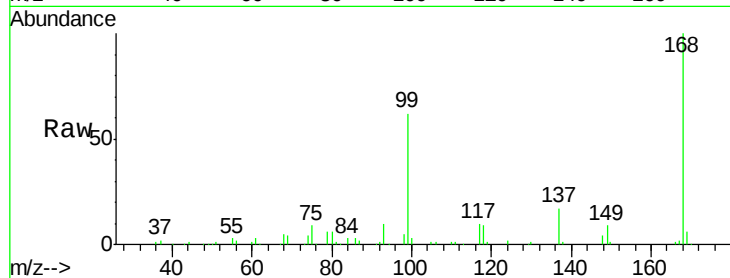
VN0709WBL02

Tot Ion:168 Resp: 209775

Ion Ratio Lower Upper

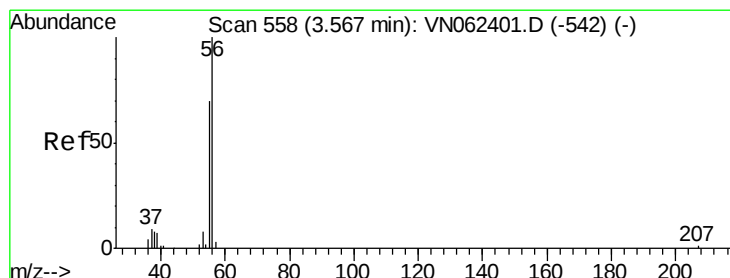
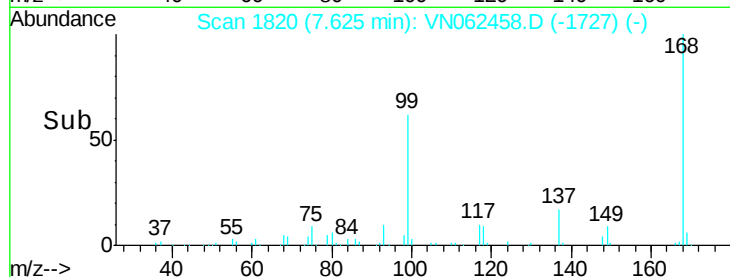
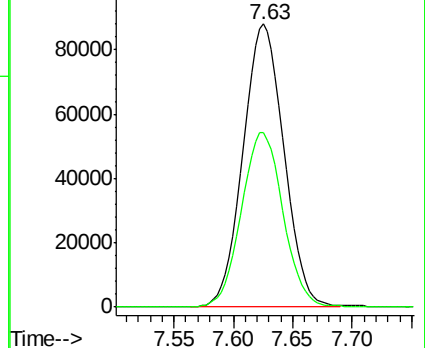
168 100

99 61.5 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#13

Acrolein

Concen: 0.256 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062458.D

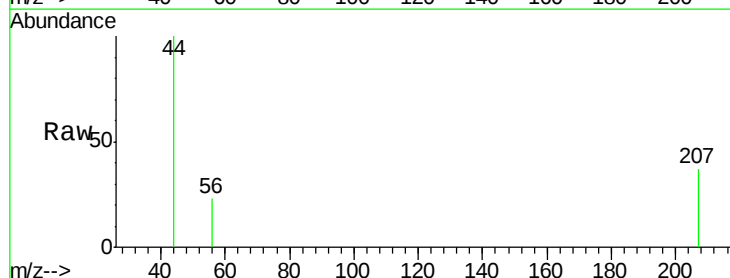
Acq: 9 Jul 2020 16:32

Tgt Ion: 56 Resp: 99

Ion Ratio Lower Upper

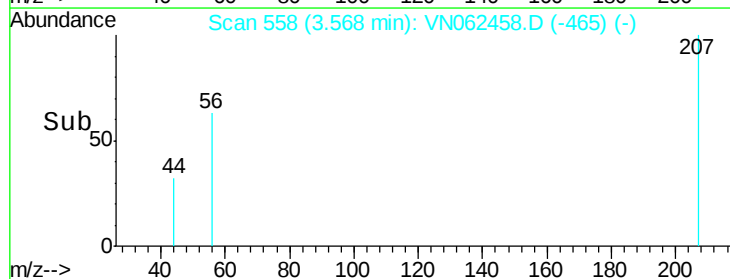
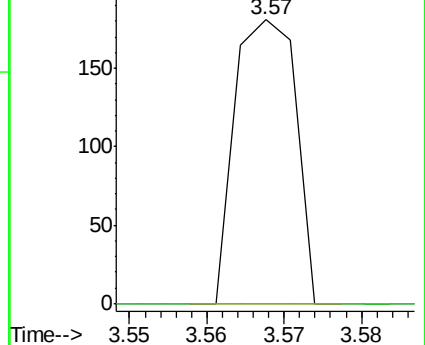
56 100

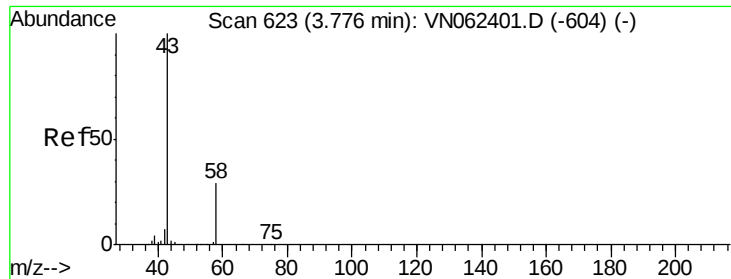
55 0.0 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 0.514 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

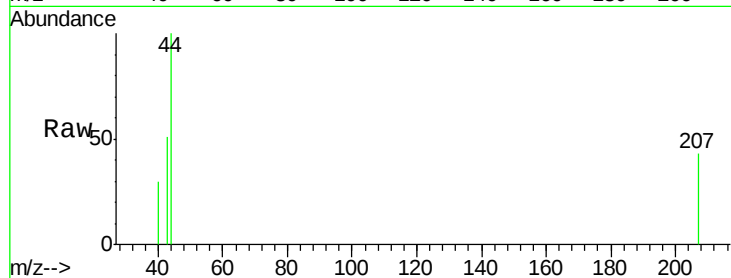
VN0709WBL02

Tot Ion: 43 Resp: 704

Ion Ratio Lower Upper

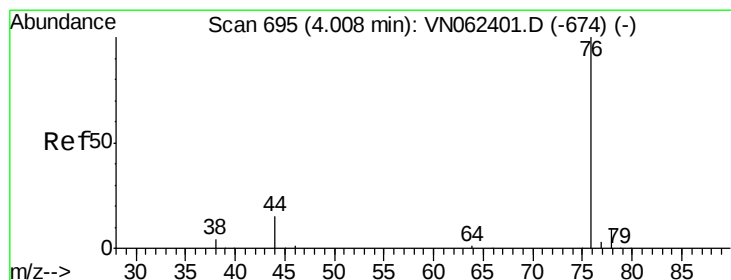
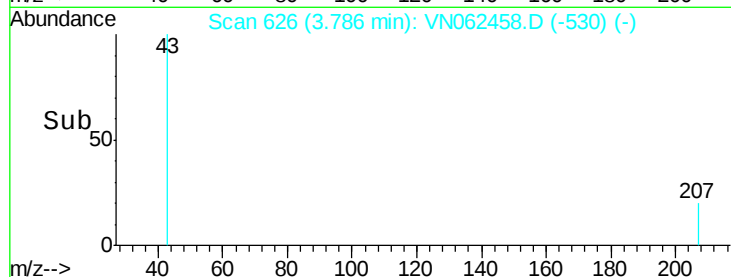
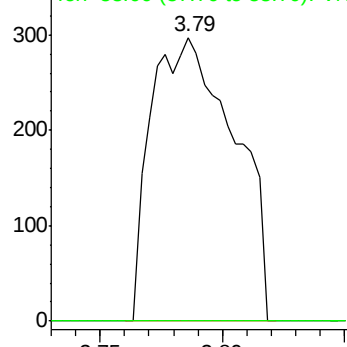
43 100

58 0.0 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.277 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062458.D

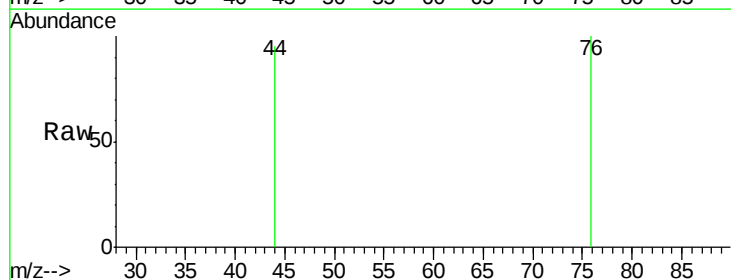
Acq: 9 Jul 2020 16:32

Tgt Ion: 76 Resp: 1866

Ion Ratio Lower Upper

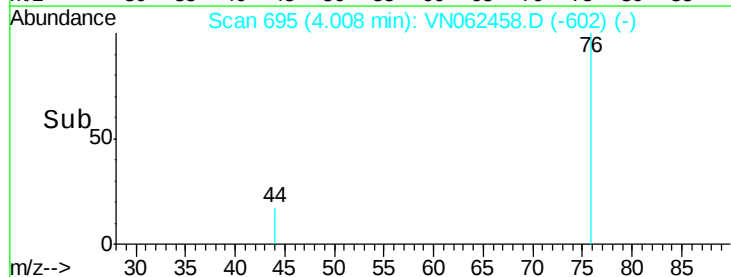
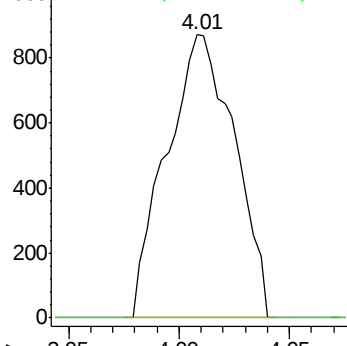
76 100

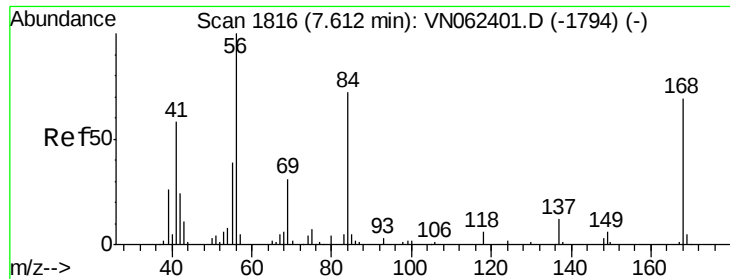
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

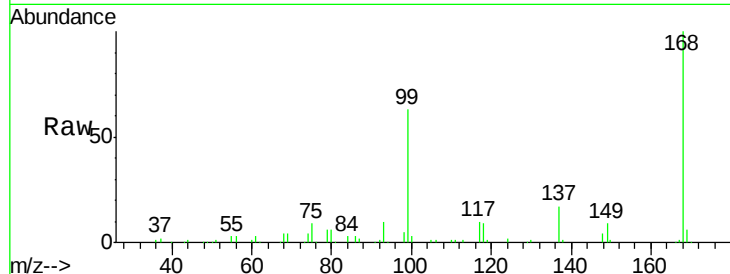




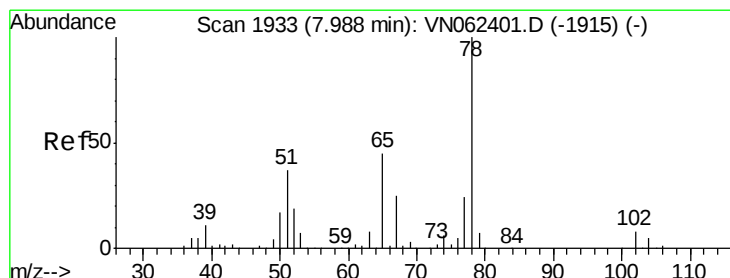
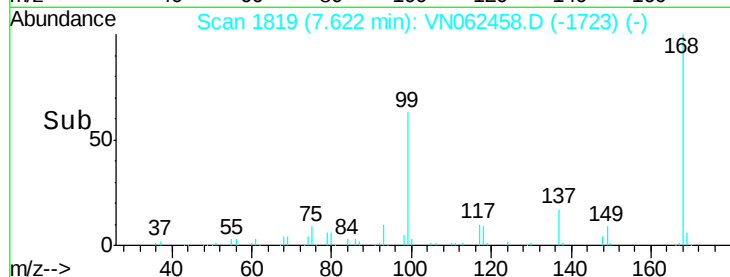
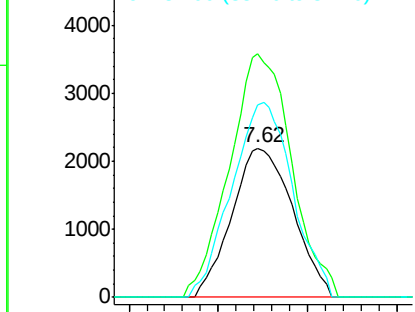
#31
Cvclohexane
Concen: 1.067 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062458.D
Acq: 9 Jul 2020 16:32

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL02

Tot Ion: 56 Resp: 5227
Ion Ratio Lower Upper
56 100
69 163.4 24.5 36.7#
84 129.2 57.4 86.2#

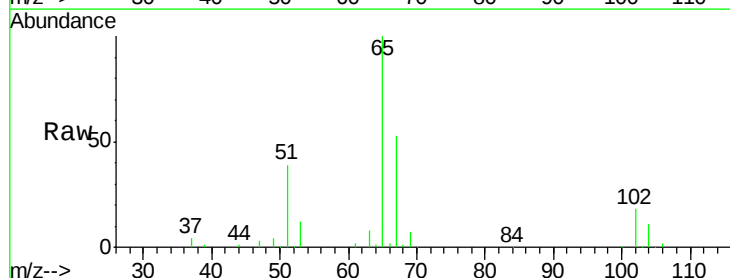


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

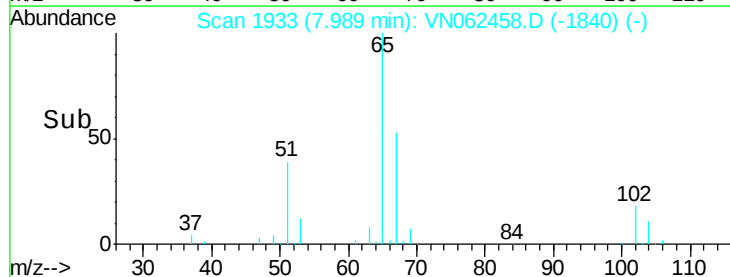
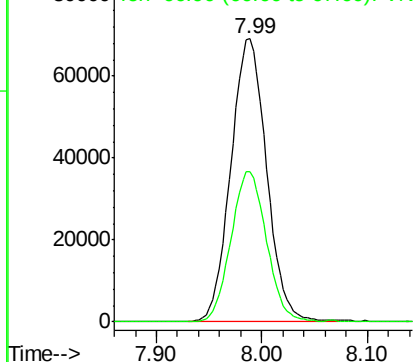


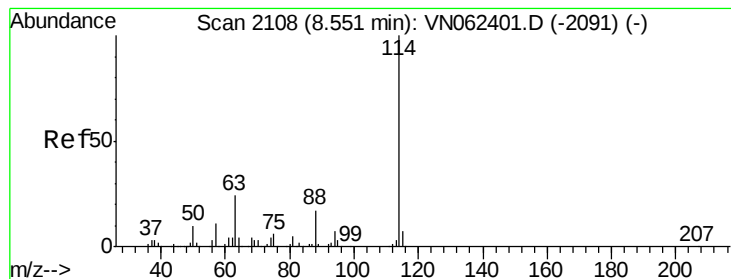
#33
1,2-Dichloroethane-d4
Concen: 50.542 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062458.D
Acq: 9 Jul 2020 16:32

Tgt Ion: 65 Resp: 163078
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.6



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# 2108

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL02

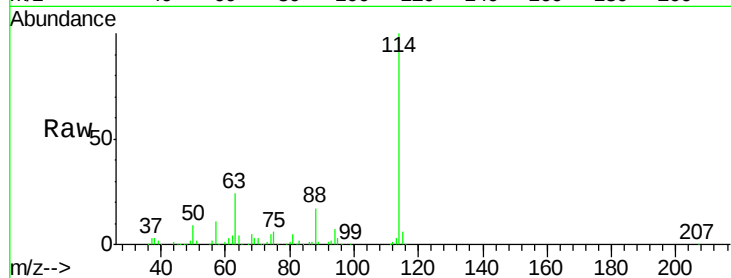
Tot Ion:114 Resp: 375830

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.4

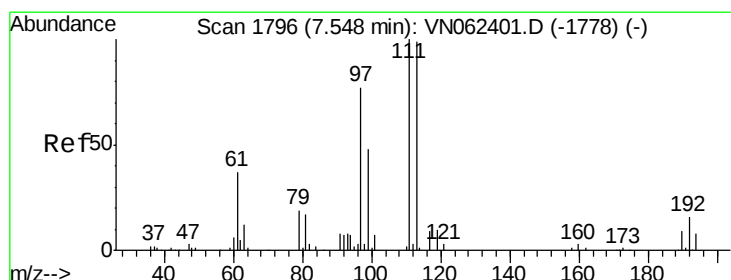
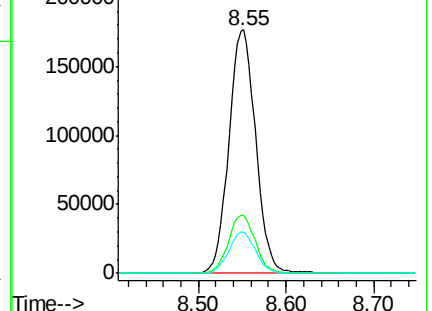
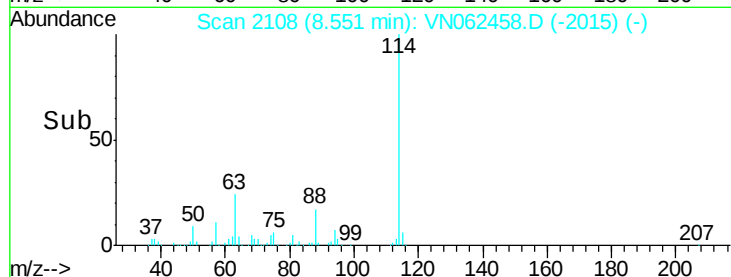
88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.492 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

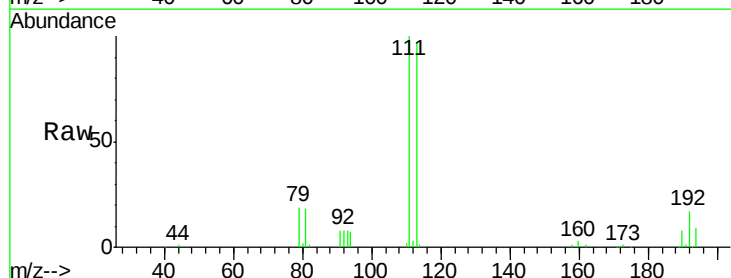
Tgt Ion:113 Resp: 119622

Ion Ratio Lower Upper

113 100

111 104.8 83.1 124.7

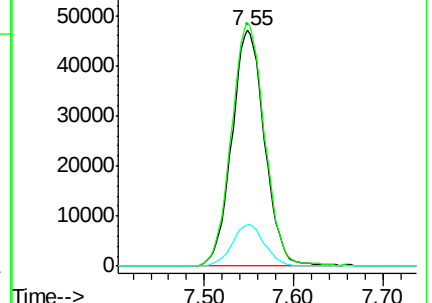
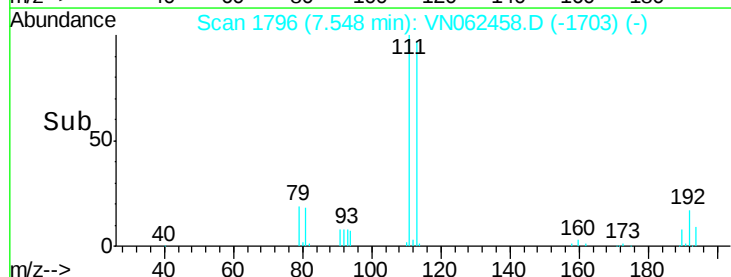
192 17.4 14.1 21.1

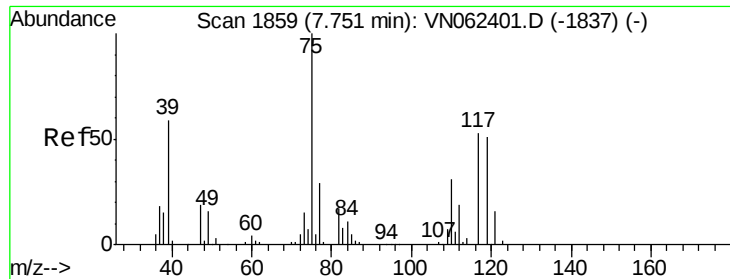


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

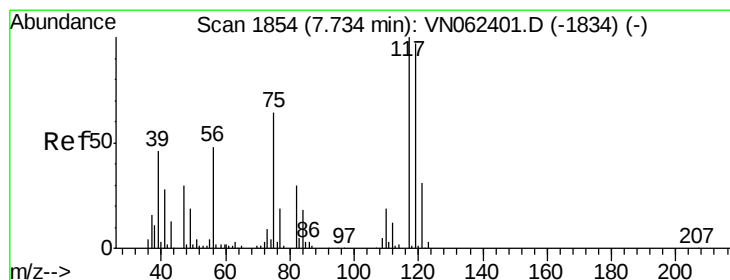
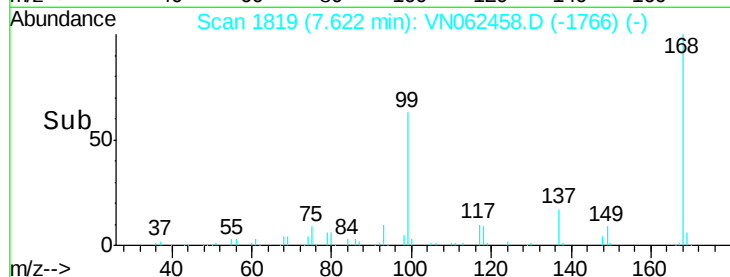
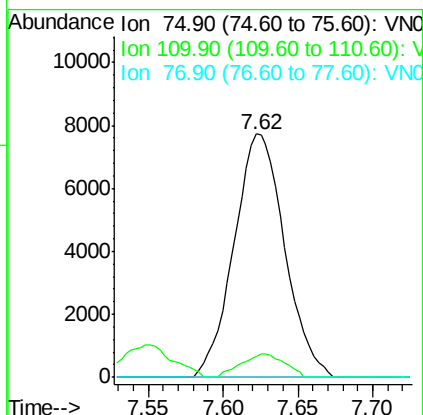
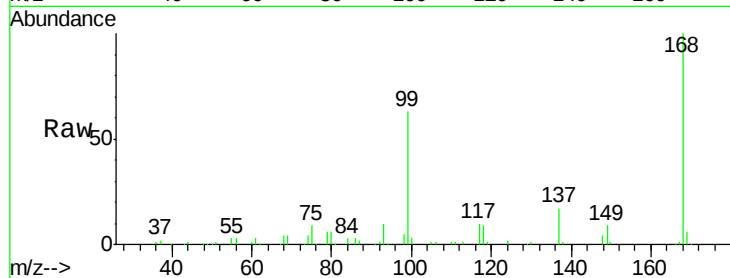




#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062458.D
 Acq: 9 Jul 2020 16:32

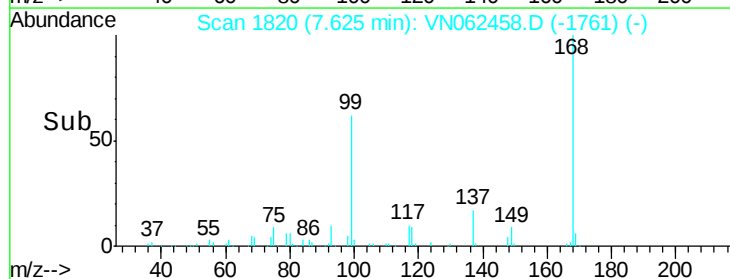
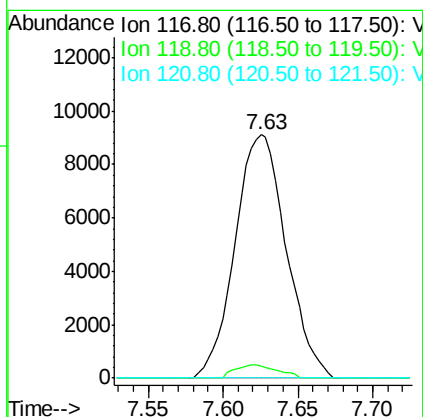
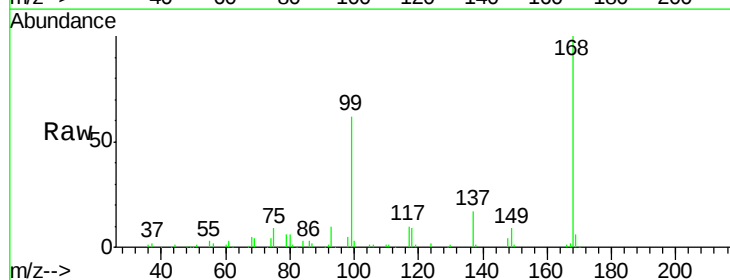
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL02

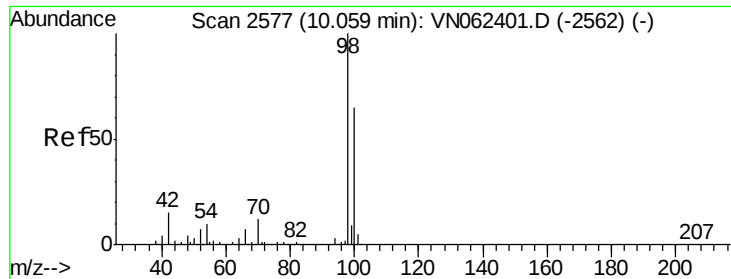
Tot Ion: 75 Resp: 18170
 Ion Ratio Lower Upper
 75 100
 110 8.3 15.4 46.2#
 77 0.0 24.1 36.1#



#38
 Carbon Tetrachloride
 Concen: 6.364 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.11 min
 Lab File: VN062458.D
 Acq: 9 Jul 2020 16:32

Tgt Ion: 117 Resp: 21664
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.2 115.8#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.433 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

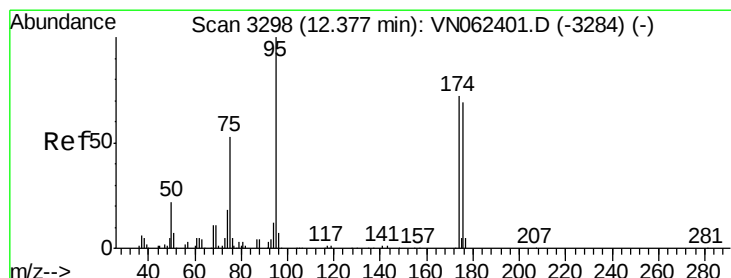
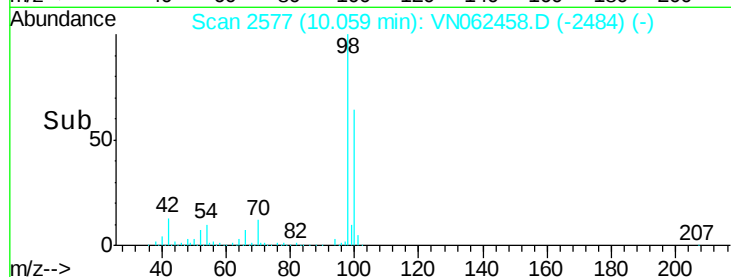
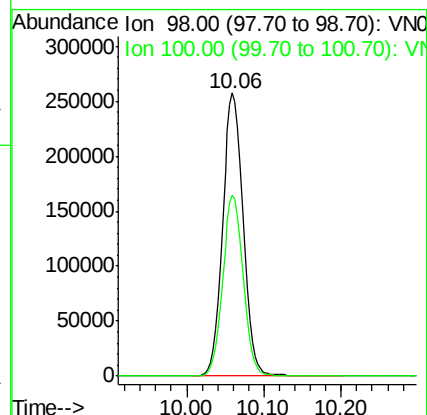
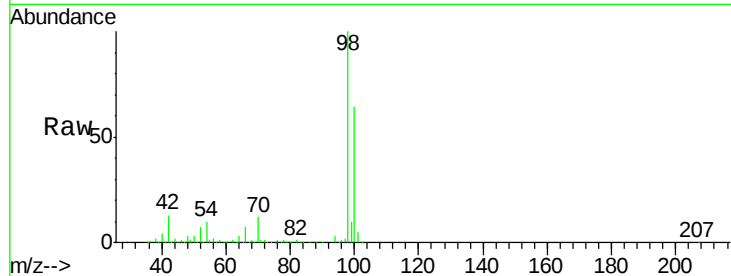
VN0709WBL02

Tot Ion: 98 Resp: 480867

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 52.319 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

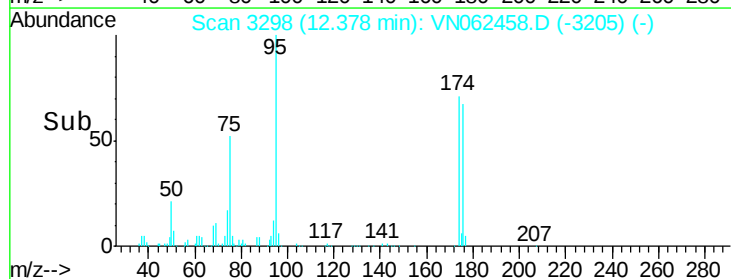
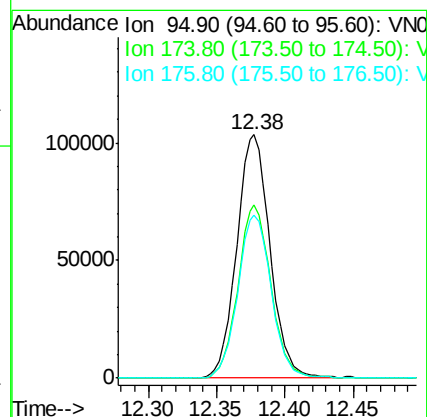
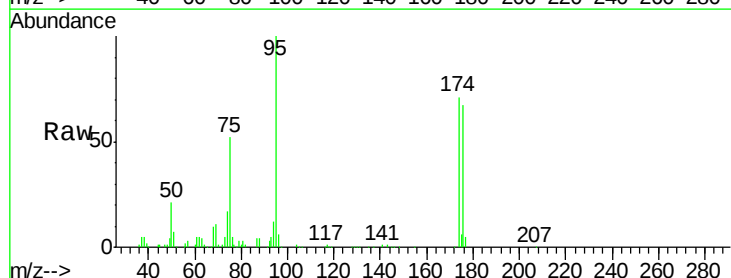
Tgt Ion: 95 Resp: 175341

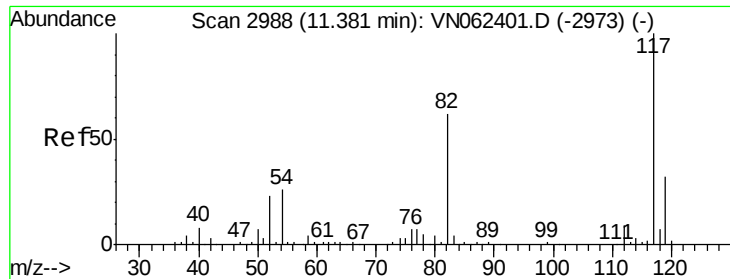
Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.6

176 67.3 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampled :

VN0709WBL02

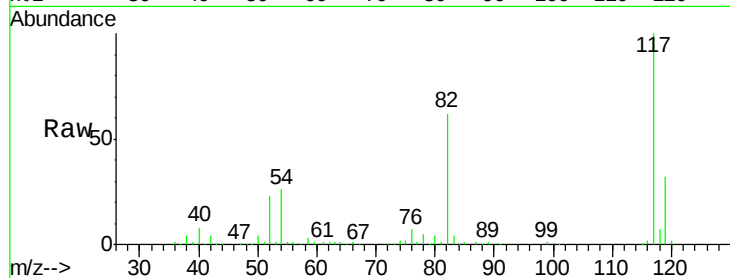
Tot Ion:117 Resp: 355562

Ion Ratio Lower Upper

117 100

82 61.9 49.6 74.4

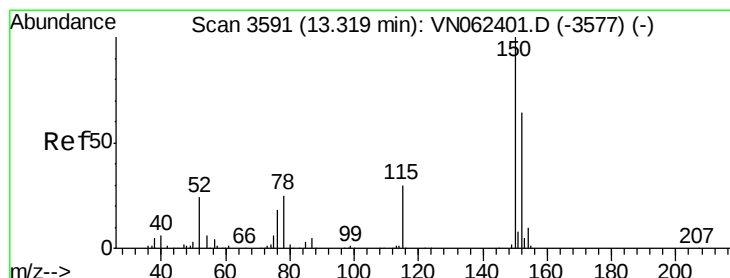
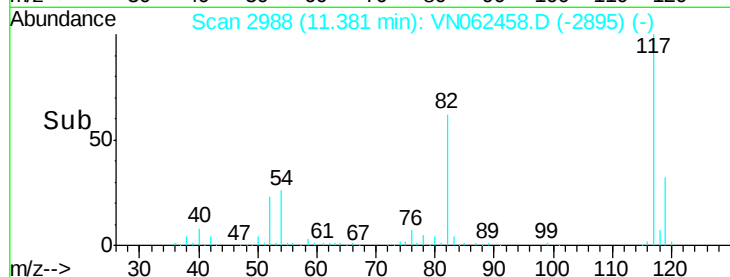
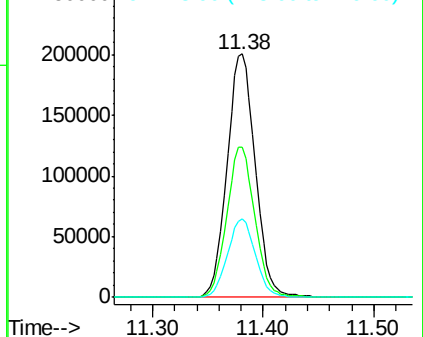
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

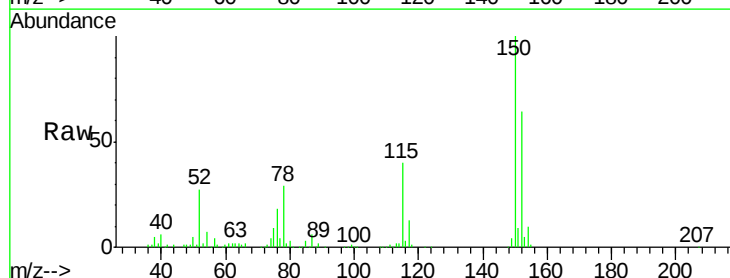
Tgt Ion:152 Resp: 133578

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.2

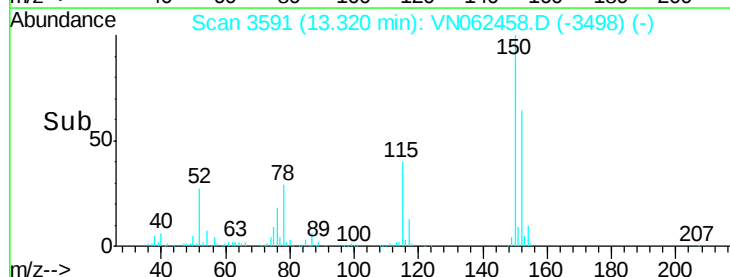
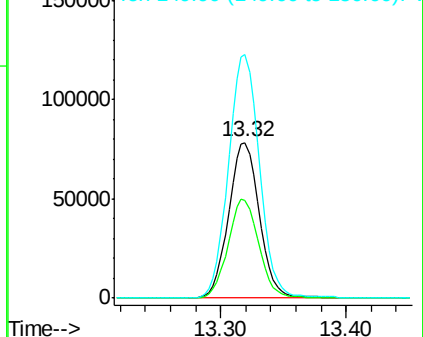
150 158.3 0.0 347.4

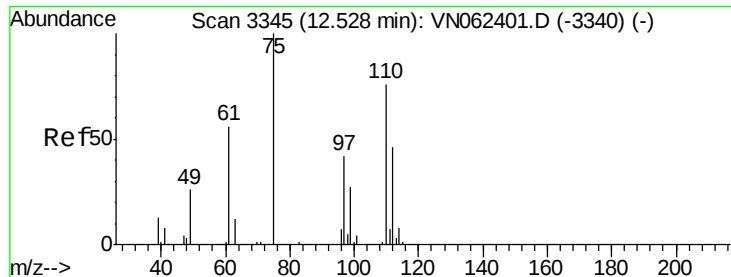


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.833 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

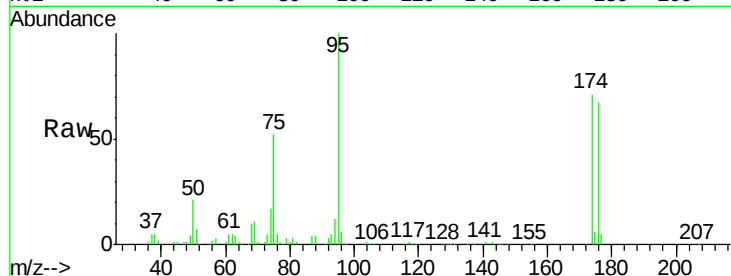
VN0709WBL02

Tot Ion: 75 Resp: 91223

Ion Ratio Lower Upper

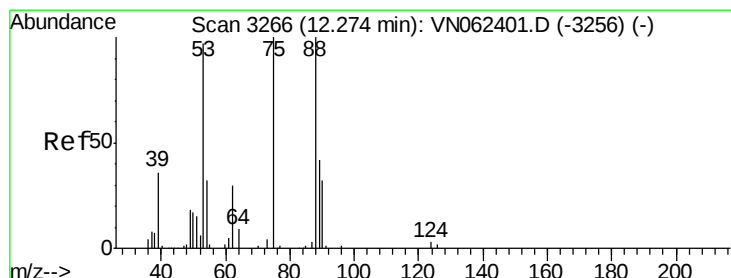
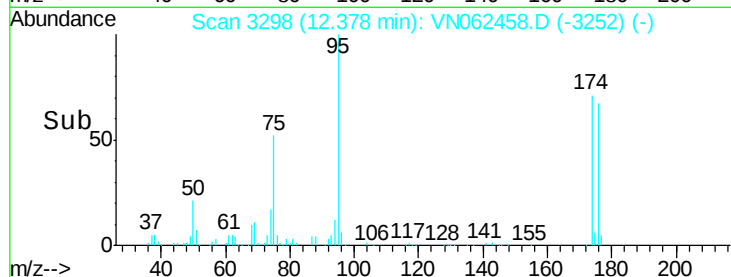
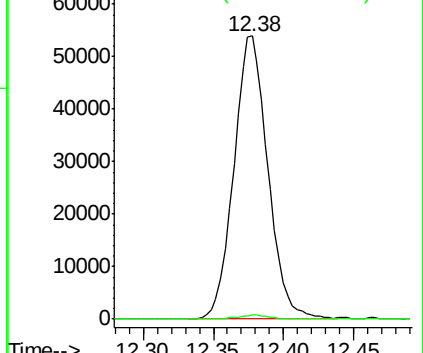
75 100

77 1.2 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: 74.497 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

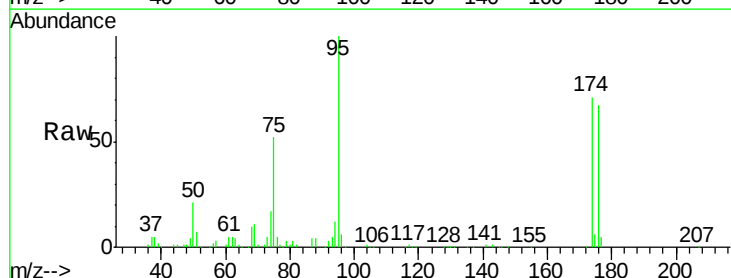
Tgt Ion: 75 Resp: 91223

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

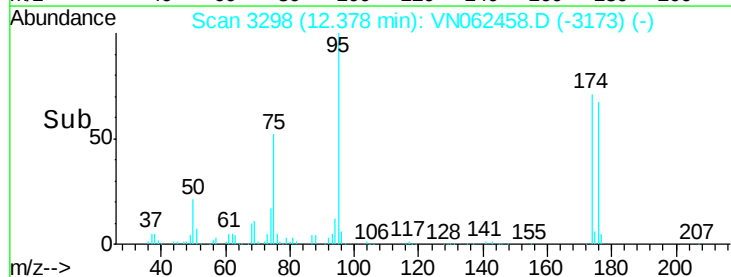
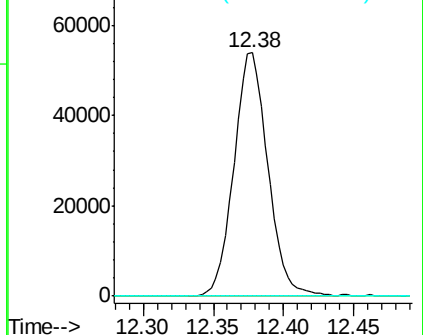
89 0.0 34.6 52.0#

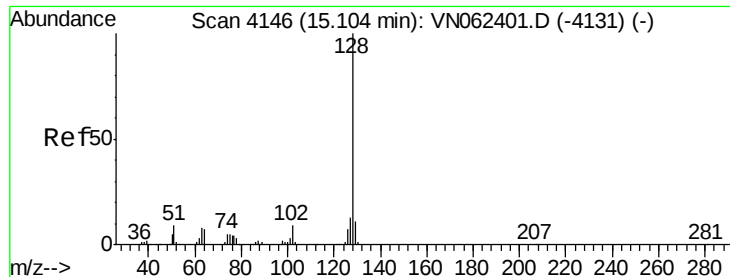


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: Below Cal

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

VN0709WBL02

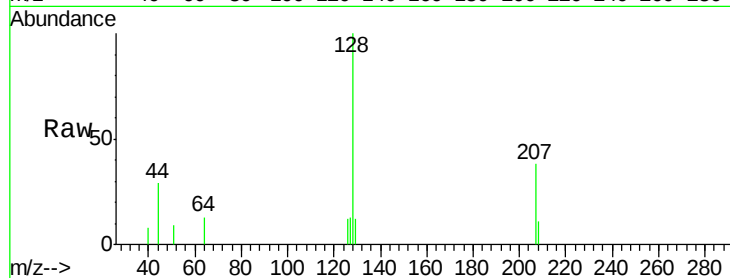
Tot Ion:128 Resp: 3783

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

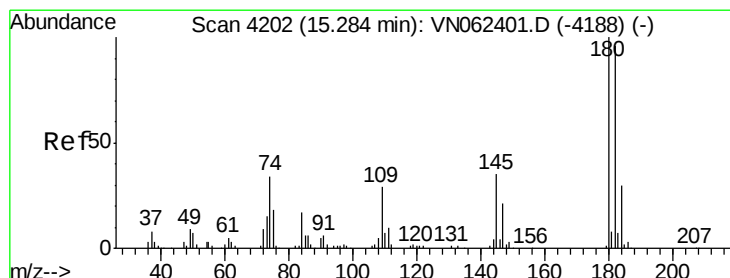
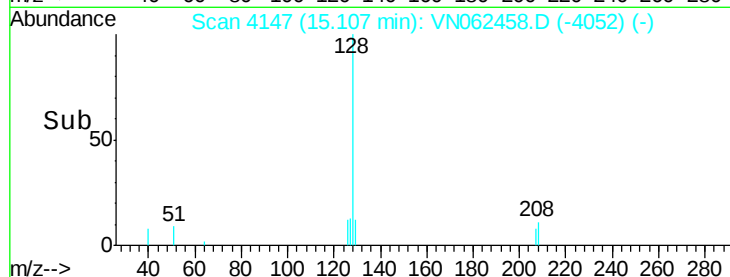
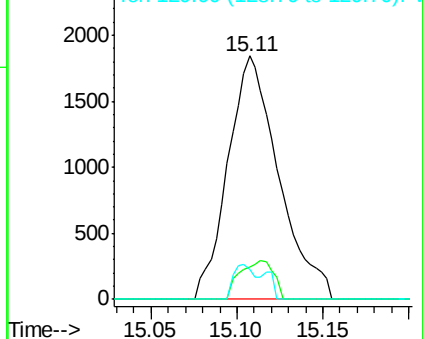
129 5.6 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.431 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062458.D

Acq: 9 Jul 2020 16:32

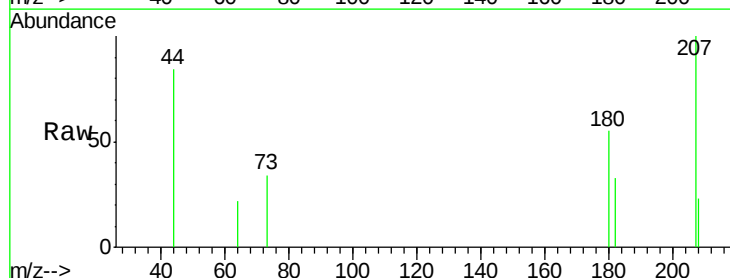
Tgt Ion:180 Resp: 475

Ion Ratio Lower Upper

180 100

182 63.4 47.8 143.4

145 0.0 17.0 50.9#



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

