

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081320\
 Data File : VN062903.D
 Acq On : 13 Aug 2020 11:42
 Operator : JC/MD
 Sample : VN0813WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL01

Quant Time: Aug 14 05:03:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

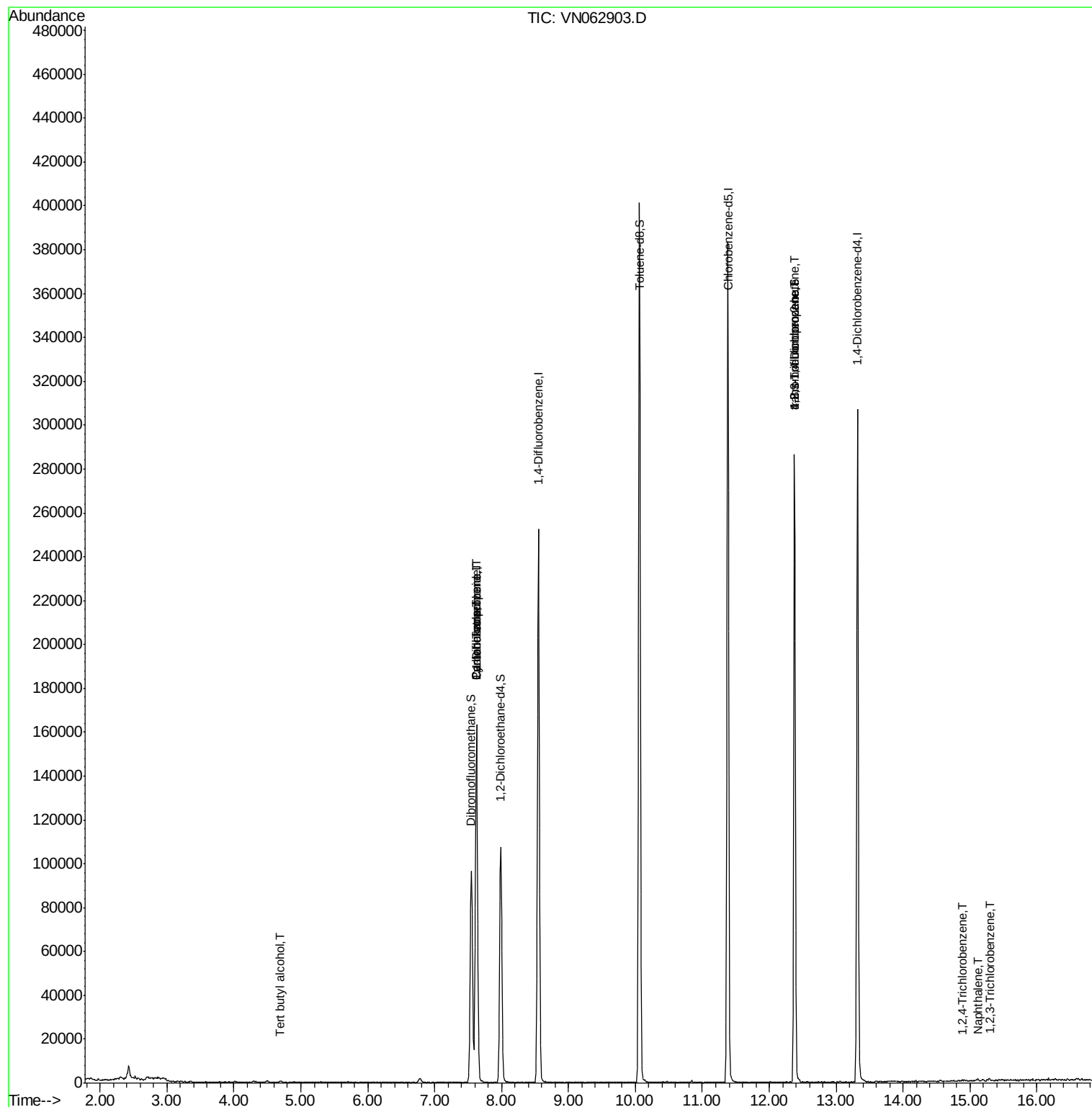
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	213076	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	104511	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.55	113	74079	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.06	98	277766	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	101490	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.70	59	421	1.247	ug/l #	72
17) Carbon Disulfide	4.01	76	336	Below Cal	#	74
18) Methyl Acetate	4.29	43	1218	Below Cal	#	52
20) Methylene Chloride	4.49	84	343	Below Cal	#	66
31) Cyclohexane	7.63	56	2632	1.054	ug/l #	25
36) 1,1-Dichloropropene	7.63	75	10176	4.905	ug/l #	53
38) Carbon Tetrachloride	7.63	117	13818	5.631	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	54874	25.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54874	76.575	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	75	3.373	ug/l #	1
95) Naphthalene	15.11	128	1374	4.049	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.29	180	401	3.022	ug/l #	84

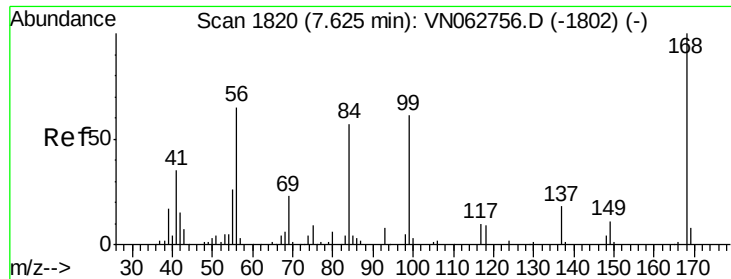
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081320\
Data File : VN062903.D
Acq On : 13 Aug 2020 11:42
Operator : JC/MD
Sample : VN0813WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBL01

Quant Time: Aug 14 05:03:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 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: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

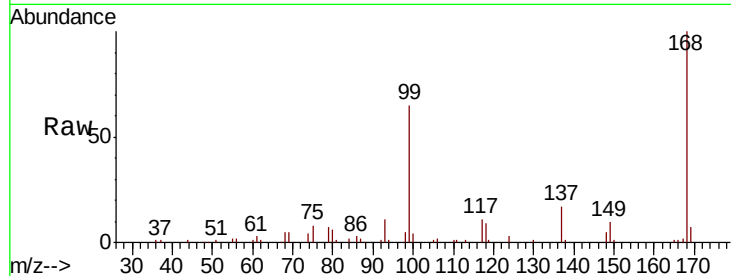
VN0813WBL01

Tot Ion:168 Resp: 124583

Ion Ratio Lower Upper

168 100

99 64.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

60000

50000

40000

30000

20000

10000

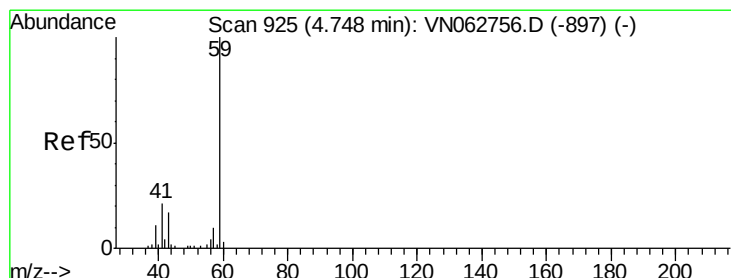
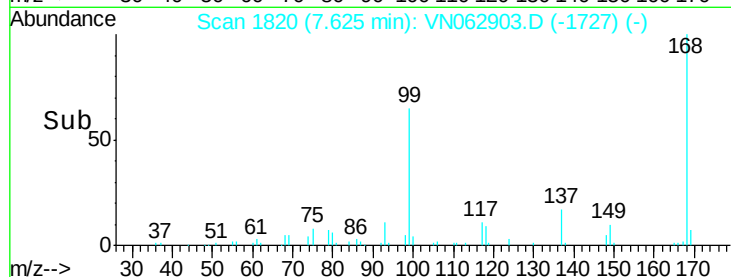
0

7.50

7.60

7.70

Time-->



#11

Tert butyl alcohol

Concen: 1.247 ug/l

RT: 4.70 min Scan# 911

Delta R.T. -0.05 min

Lab File: VN062903.D

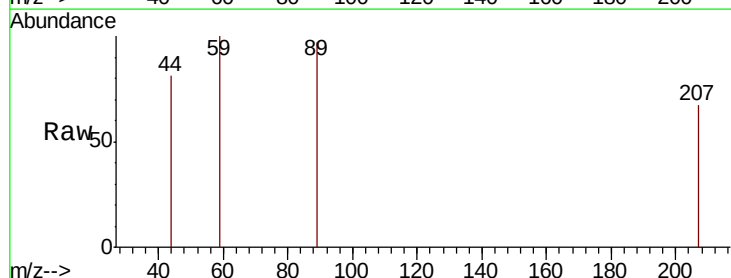
Acq: 13 Aug 2020 11:42

Tgt Ion: 59 Resp: 421

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

300

250

200

150

100

50

0

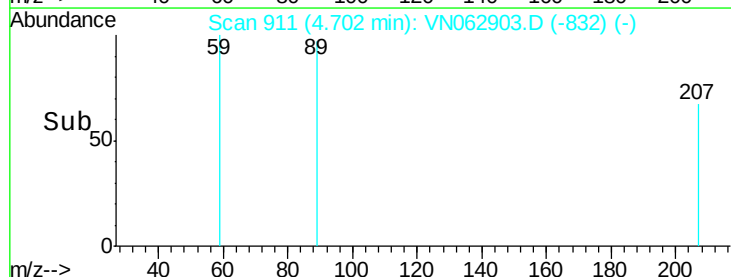
4.66

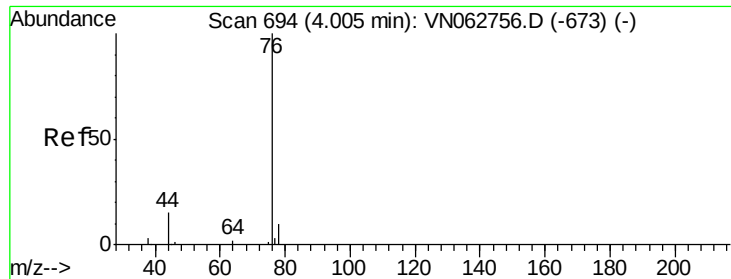
4.68

4.70

4.72

Time-->

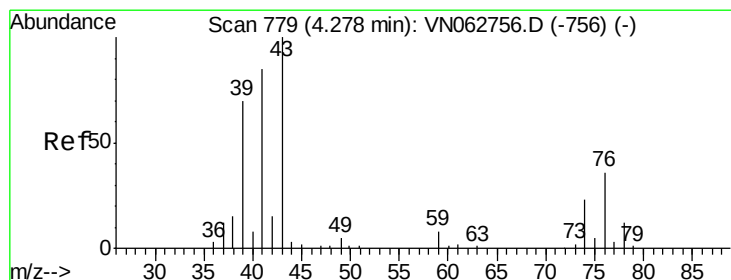
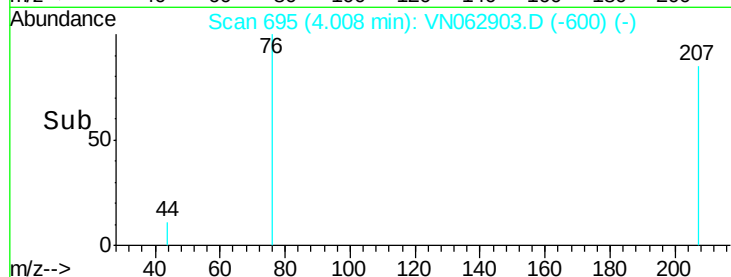
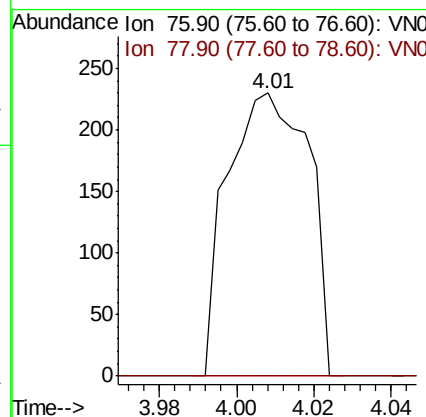
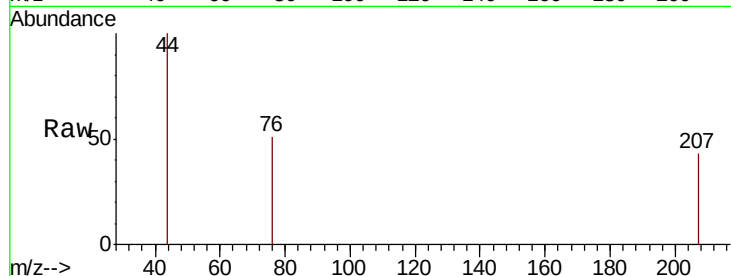




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

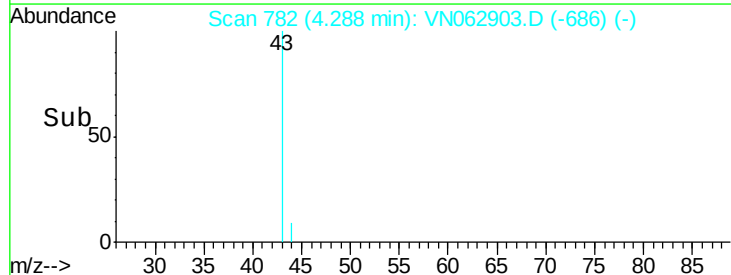
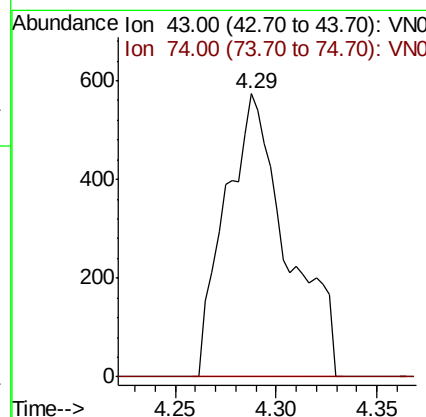
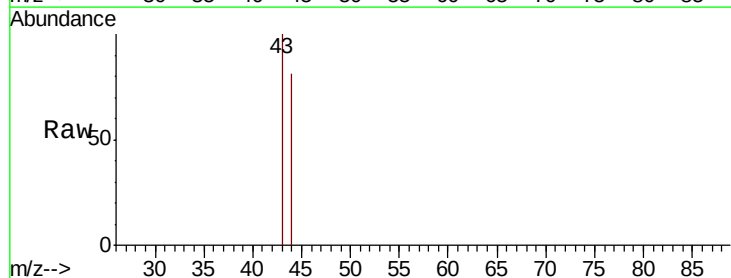
Instrument :
MSVOA_N
ClientSampled :
VN0813WBL01

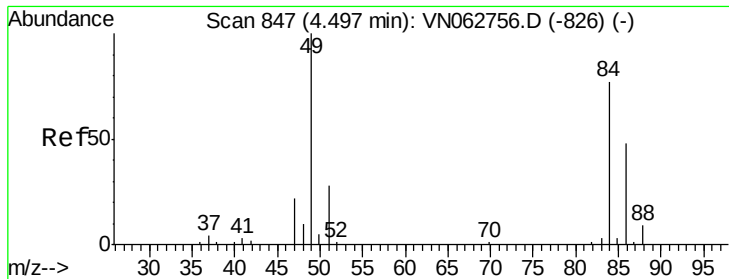
Tot Ion: 76 Resp: 336
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#

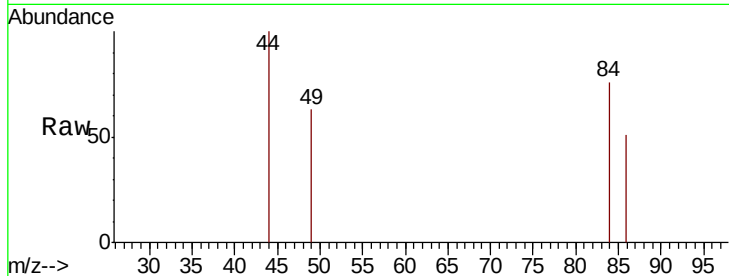




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.49 min Scan# 846
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0813WBL01

Tot Ion:	84	Resp:	343
Ion	Ratio	Lower	Upper
84	100		
49	82.9	103.4	155.2#
51	0.0	29.3	43.9#
86	66.5	49.9	74.9



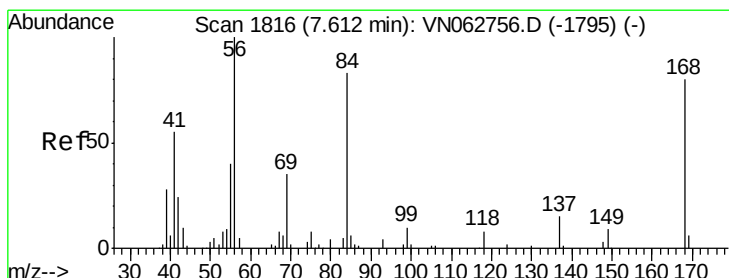
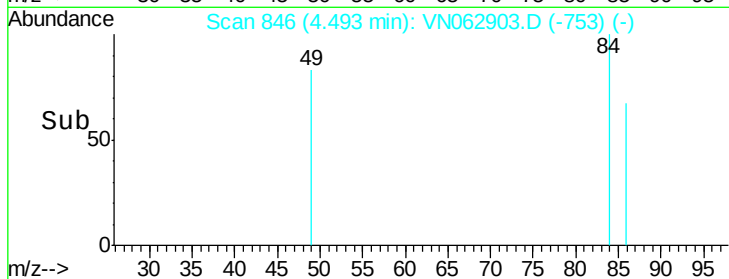
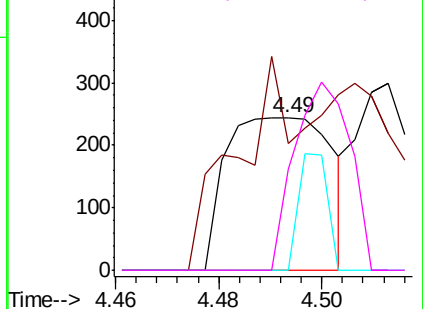
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

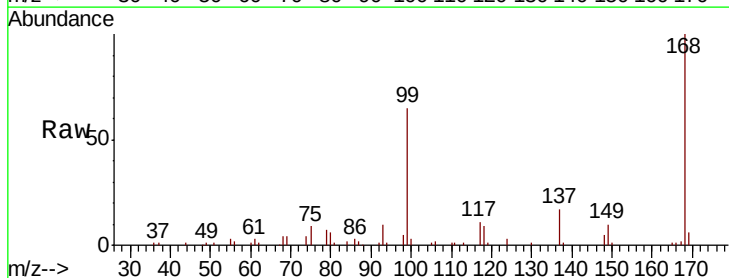
Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Tgt Ion:	56	Resp:	2632
Ion	Ratio	Lower	Upper
56	100		
69	176.5	28.1	42.1#
84	87.0	66.8	100.2

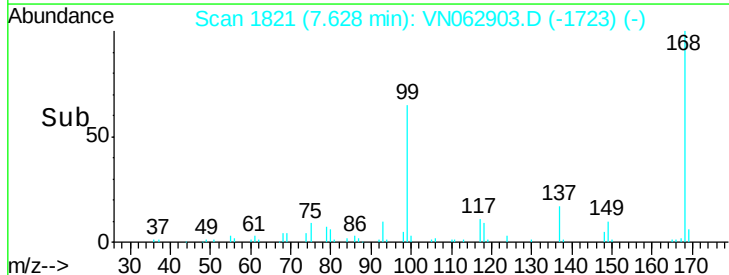
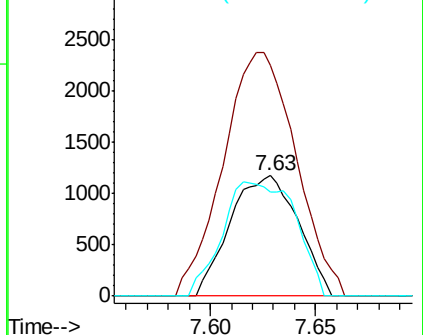


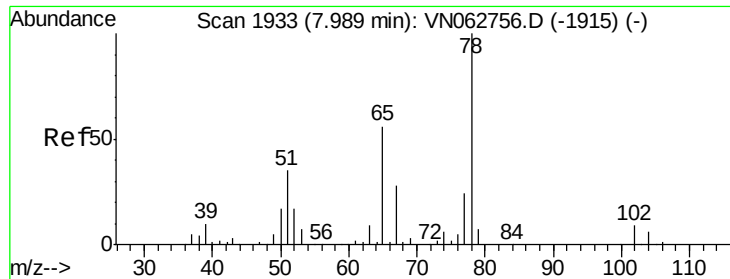
Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

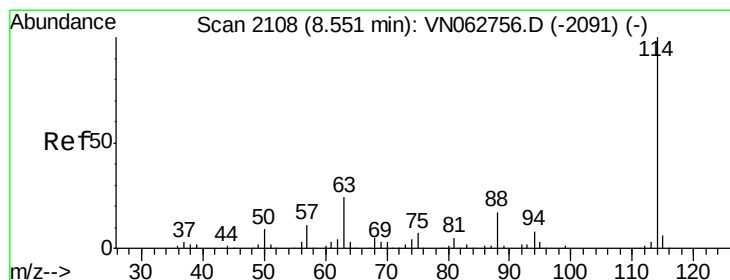
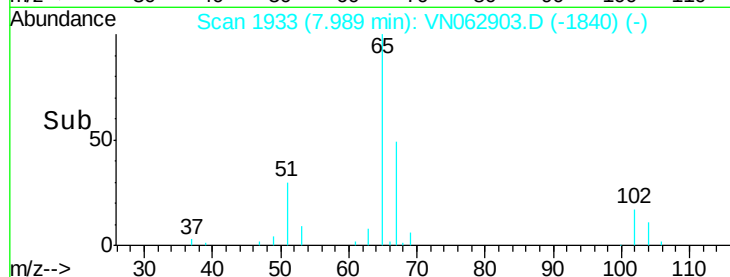
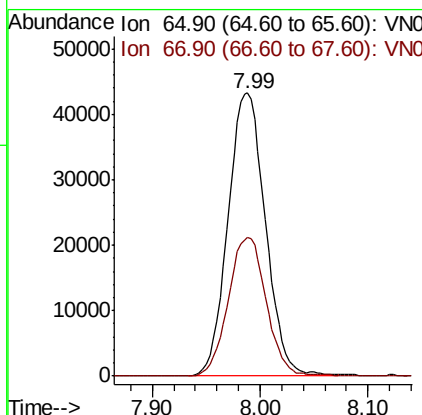
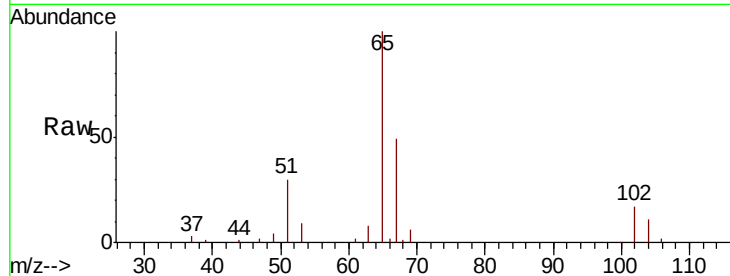




#33
 1,2-Dichloroethane-d4
 Concen: 50.728 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062903.D
 Acq: 13 Aug 2020 11:42

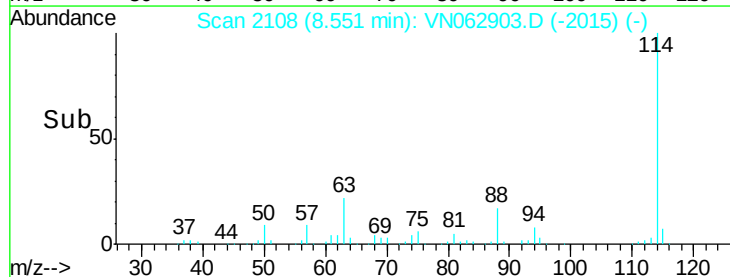
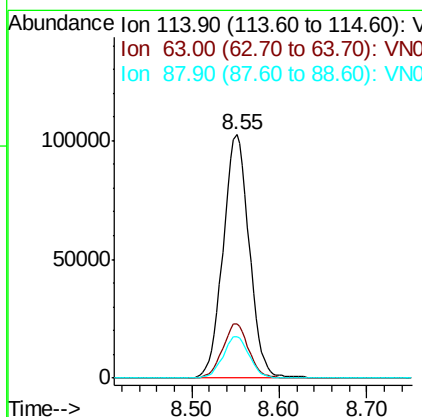
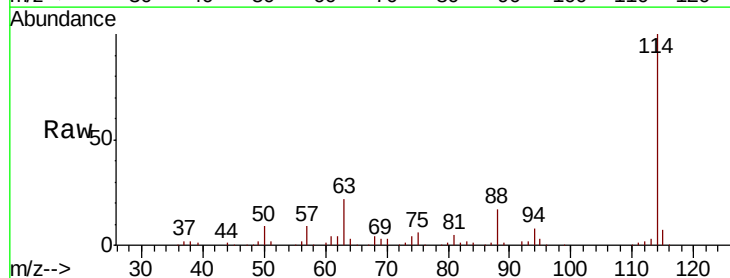
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL01

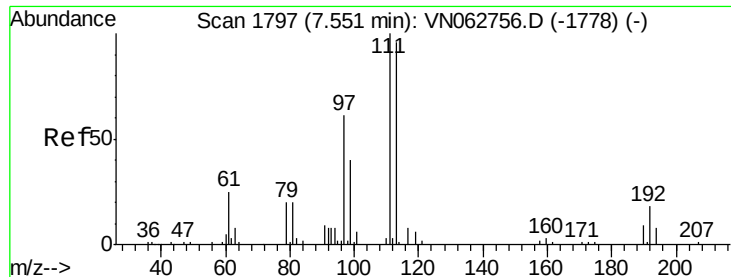
Tot Ion: 65 Resp: 104511
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062903.D
 Acq: 13 Aug 2020 11:42

Tgt Ion: 114 Resp: 213076
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 47.6
 88 17.2 0.0 34.4

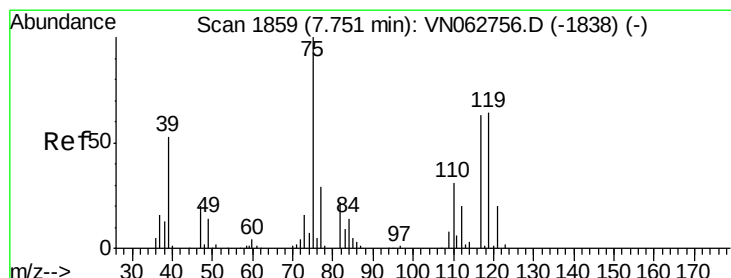
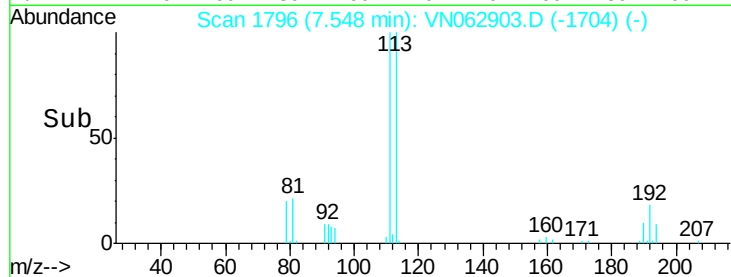
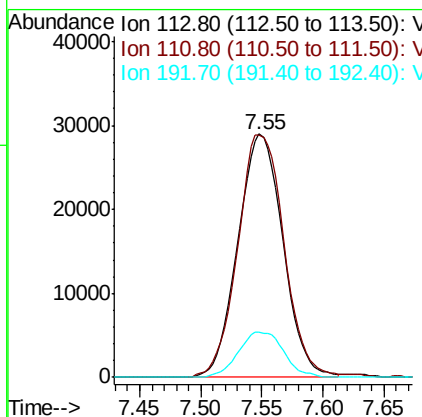
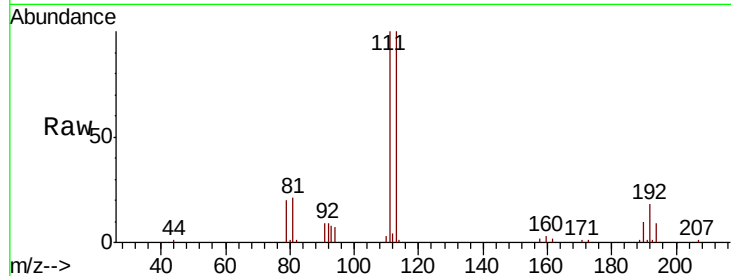




#35
 Dibromofluoromethane
 Concen: 50.824 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062903.D
 Acq: 13 Aug 2020 11:42

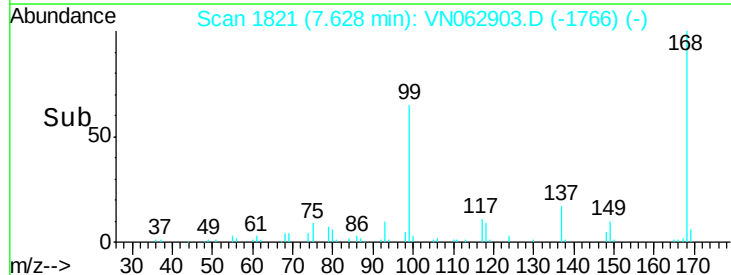
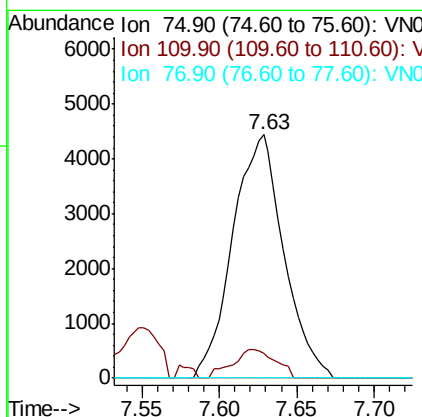
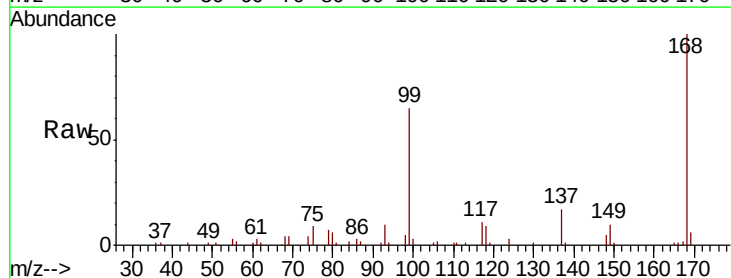
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBL01

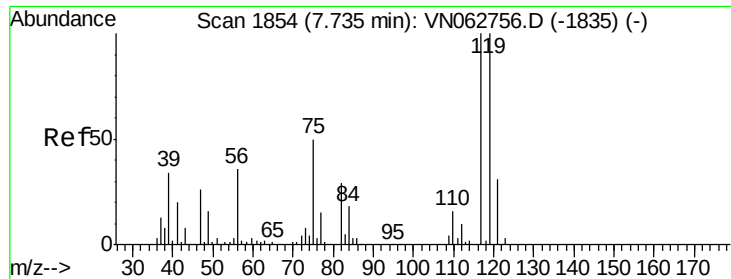
Tot Ion:113 Resp: 74079
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 18.7 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.905 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062903.D
 Acq: 13 Aug 2020 11:42

Tgt Ion: 75 Resp: 10176
 Ion Ratio Lower Upper
 75 100
 110 9.8 15.6 46.7#
 77 0.0 24.1 36.1#





#38

Carbon Tetrachloride

Concen: 5.631 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBL01

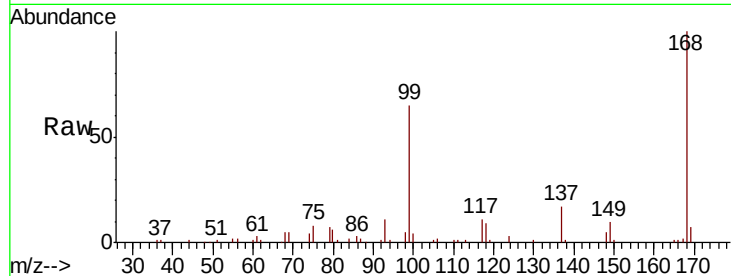
Tot Ion:117 Resp: 13818

Ion Ratio Lower Upper

117 100

119 5.3 79.4 119.2#

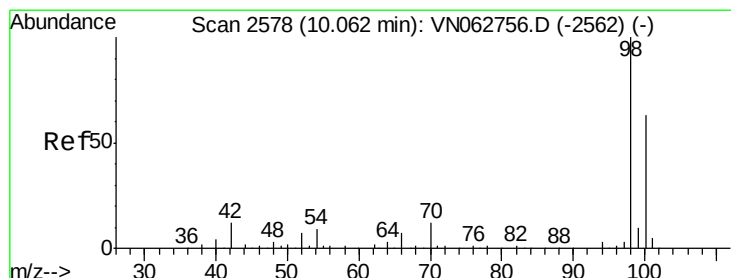
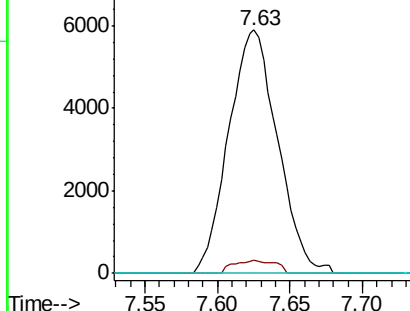
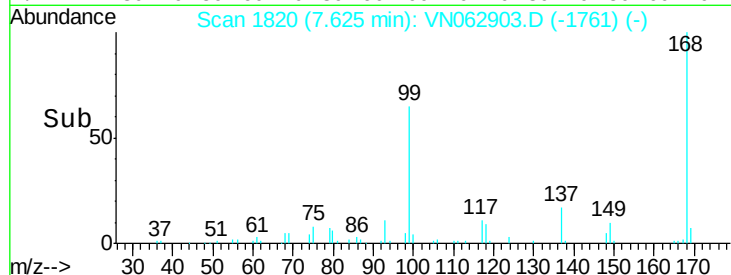
121 0.0 24.9 37.3#



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: 48.813 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062903.D

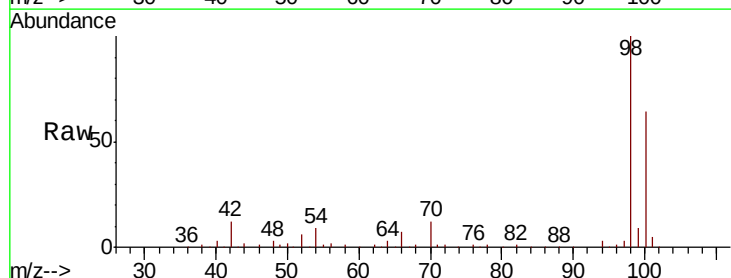
Acq: 13 Aug 2020 11:42

Tgt Ion: 98 Resp: 277766

Ion Ratio Lower Upper

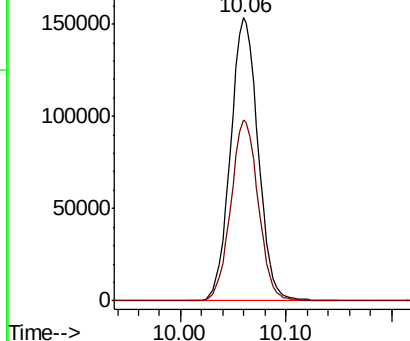
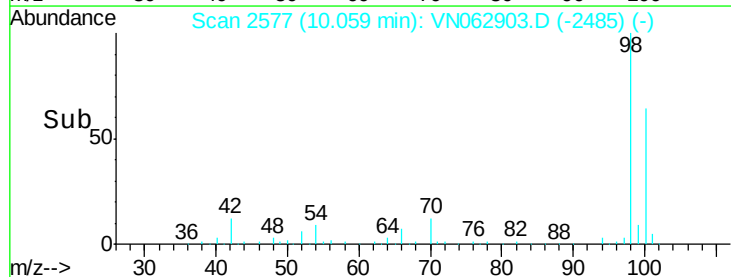
98 100

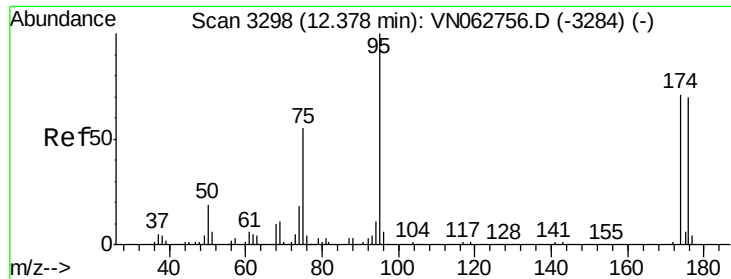
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBL01

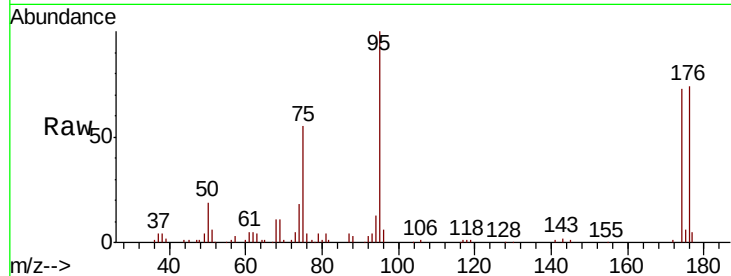
Tot Ion: 95 Resp: 101490

Ion Ratio Lower Upper

95 100

174 73.3 0.0 144.8

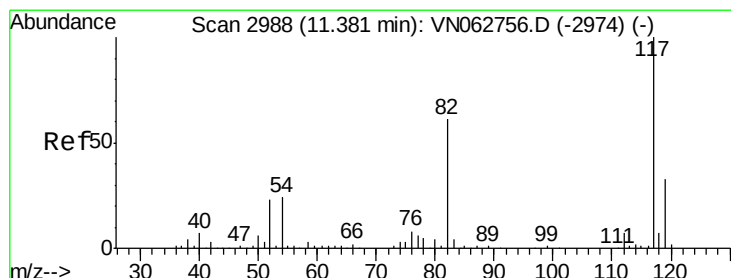
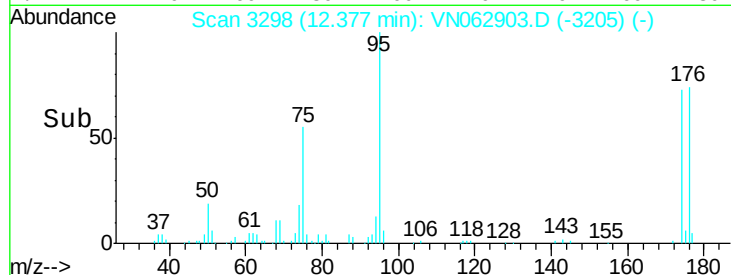
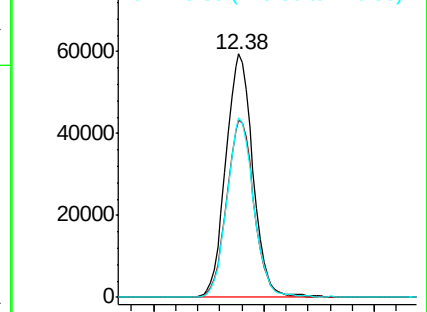
176 72.5 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062756.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062756.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062756.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

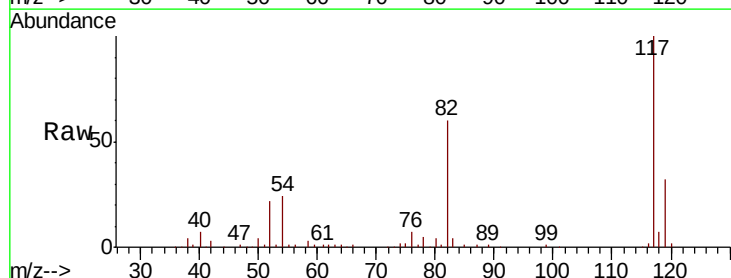
Tgt Ion: 117 Resp: 213300

Ion Ratio Lower Upper

117 100

82 60.2 49.0 73.4

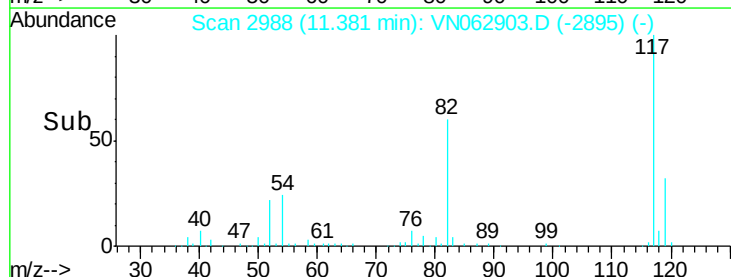
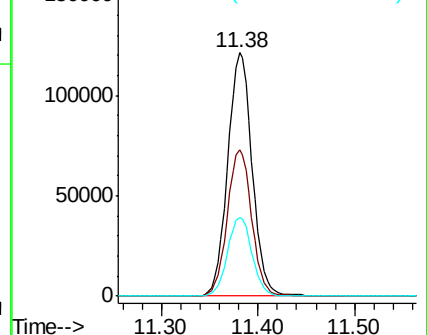
119 32.5 26.2 39.2

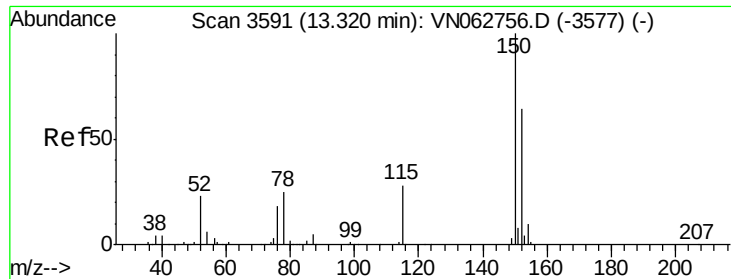


Abundance Ion 116.90 (116.60 to 117.60): VN062756.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062756.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062756.D (-2974) (-)



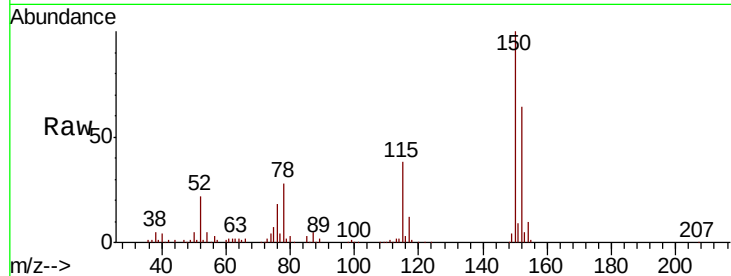


#72

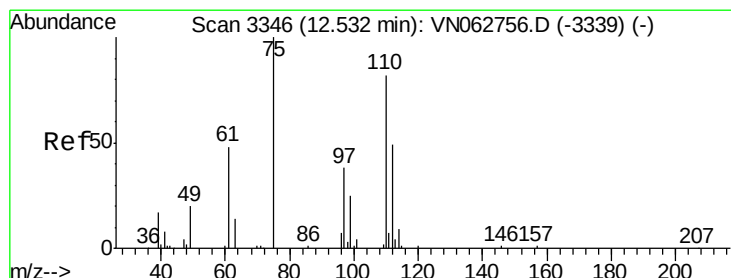
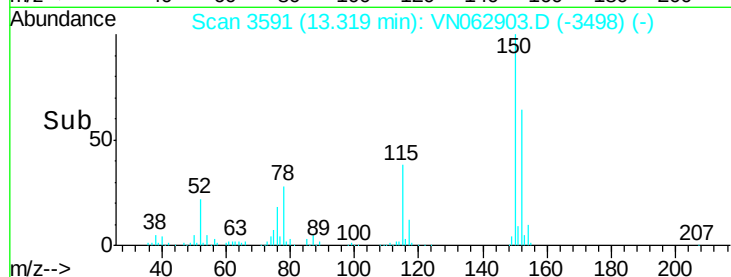
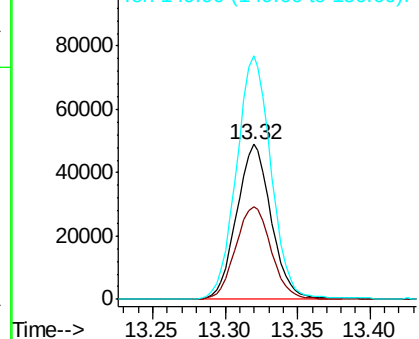
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Instrument :
MSVOA_N
ClientSampled :
VN0813WBL01

Tot Ion:152 Resp: 81115
Ion Ratio Lower Upper
152 100
115 61.4 31.6 94.8
150 157.6 0.0 349.2



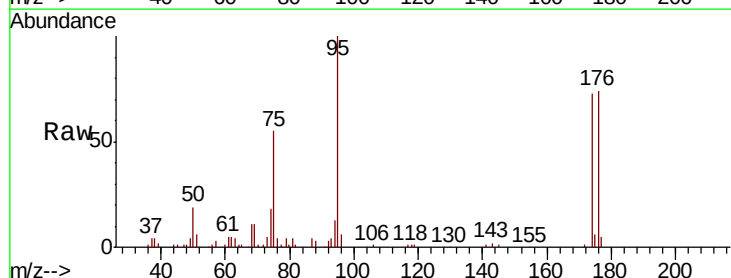
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



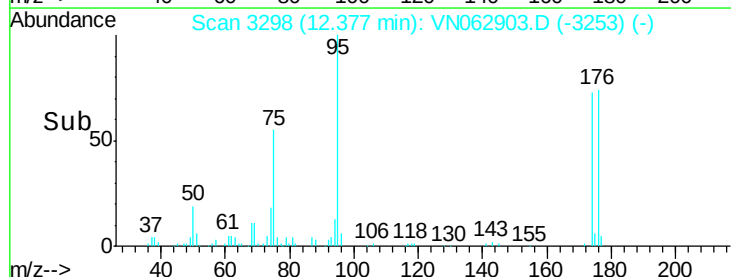
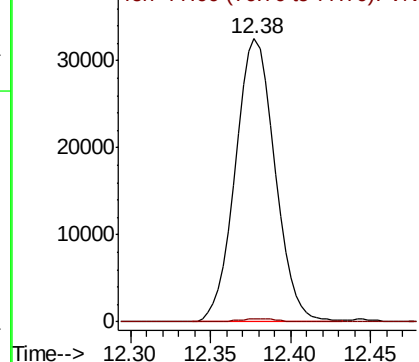
#76

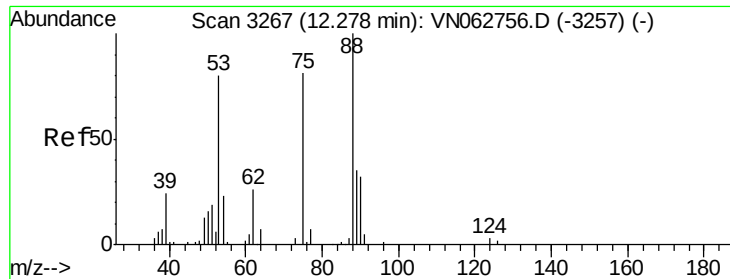
1,2,3-Trichloropropane
Concen: 25.084 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.15 min
Lab File: VN062903.D
Acq: 13 Aug 2020 11:42

Tgt Ion: 75 Resp: 54874
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: 76.575 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampled :

VN0813WBL01

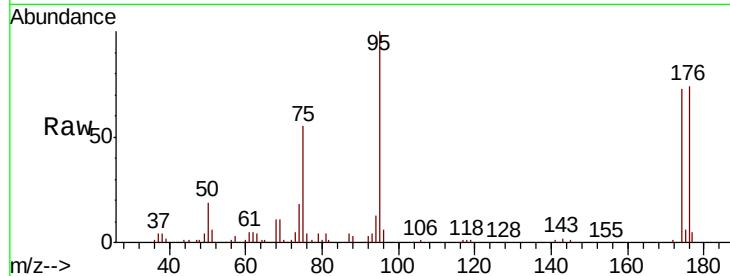
Tot Ion: 75 Resp: 54874

Ion Ratio Lower Upper

75 100

53 0.0 79.1 118.7#

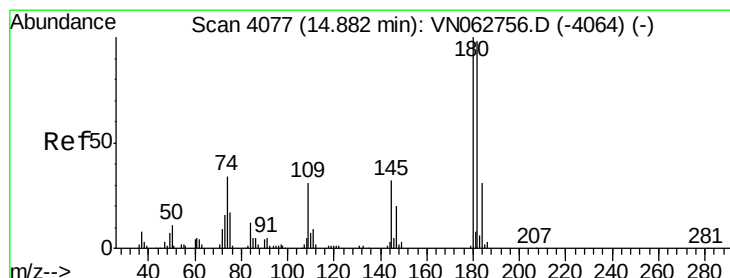
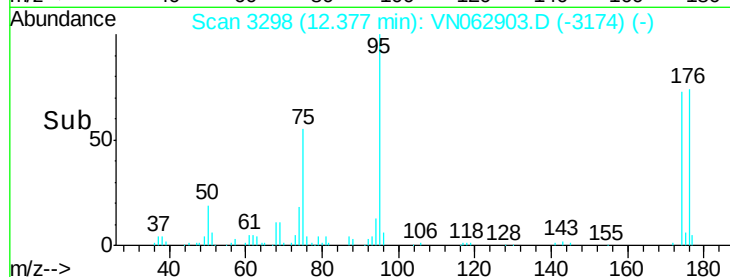
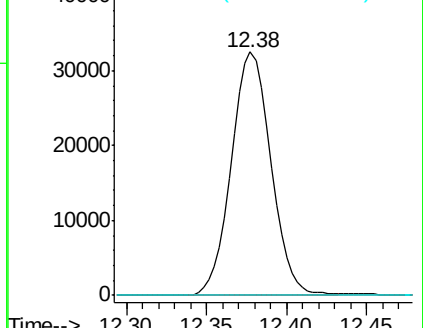
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN062903.D (-3174) (-)

Ion 53.00 (52.70 to 53.70): VN062903.D (-3174) (-)

Ion 88.90 (88.60 to 89.60): VN062903.D (-3174) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.373 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

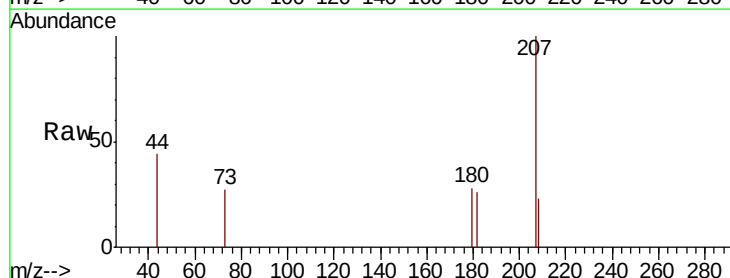
Tgt Ion: 180 Resp: 75

Ion Ratio Lower Upper

180 100

182 224.0 49.1 147.4#

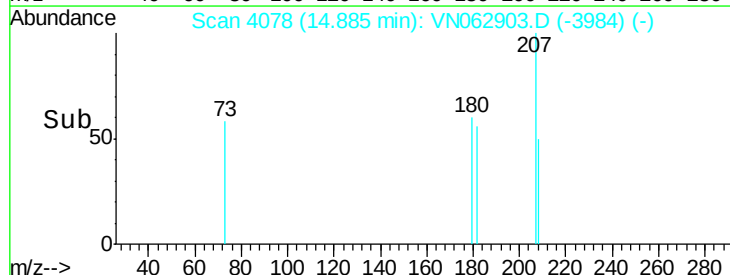
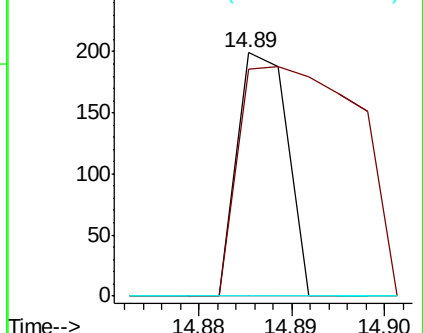
145 0.0 16.3 48.8#

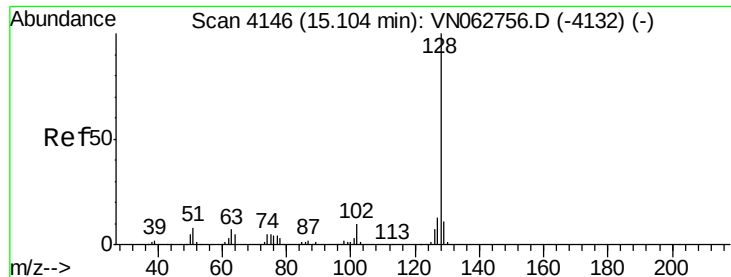


Abundance Ion 179.80 (179.50 to 180.50): VN062903.D (-3984) (-)

Ion 181.80 (181.50 to 182.50): VN062903.D (-3984) (-)

Ion 144.80 (144.50 to 145.50): VN062903.D (-3984) (-)





#95

Naphthalene

Concen: 4.049 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.01 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBL01

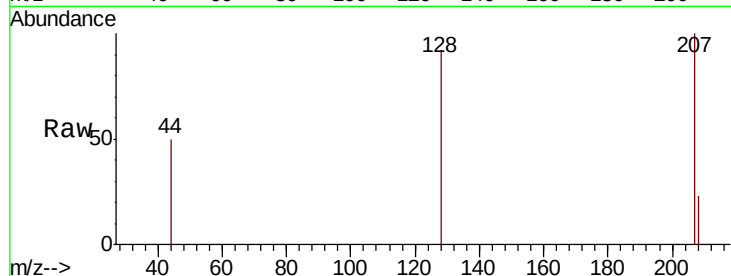
Tot Ion:128 Resp: 1374

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

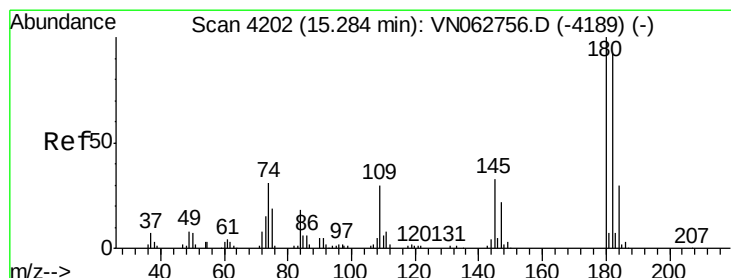
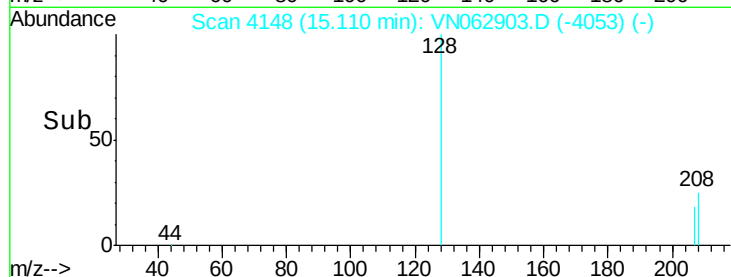
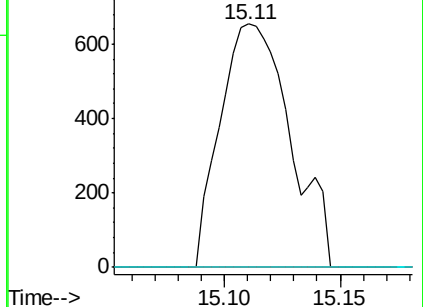
129 0.0 8.8 13.2#



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: 3.022 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.01 min

Lab File: VN062903.D

Acq: 13 Aug 2020 11:42

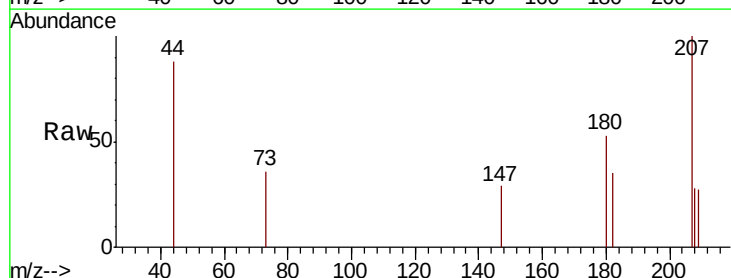
Tgt Ion:180 Resp: 401

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.6

145 0.0 17.3 51.7#



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

