

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062311.D
 Acq On : 2 Jul 2020 00:43
 Operator : JC/MD
 Sample : VN0701WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL02

Quant Time: Jul 02 06:57:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	194101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132732	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	159451	58.54	ug/l	0.00
Spiked Amount			Recovery	=	117.08%	
35) Dibromofluoromethane	7.55	113	126811	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.06	98	504684	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.38	95	160114	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

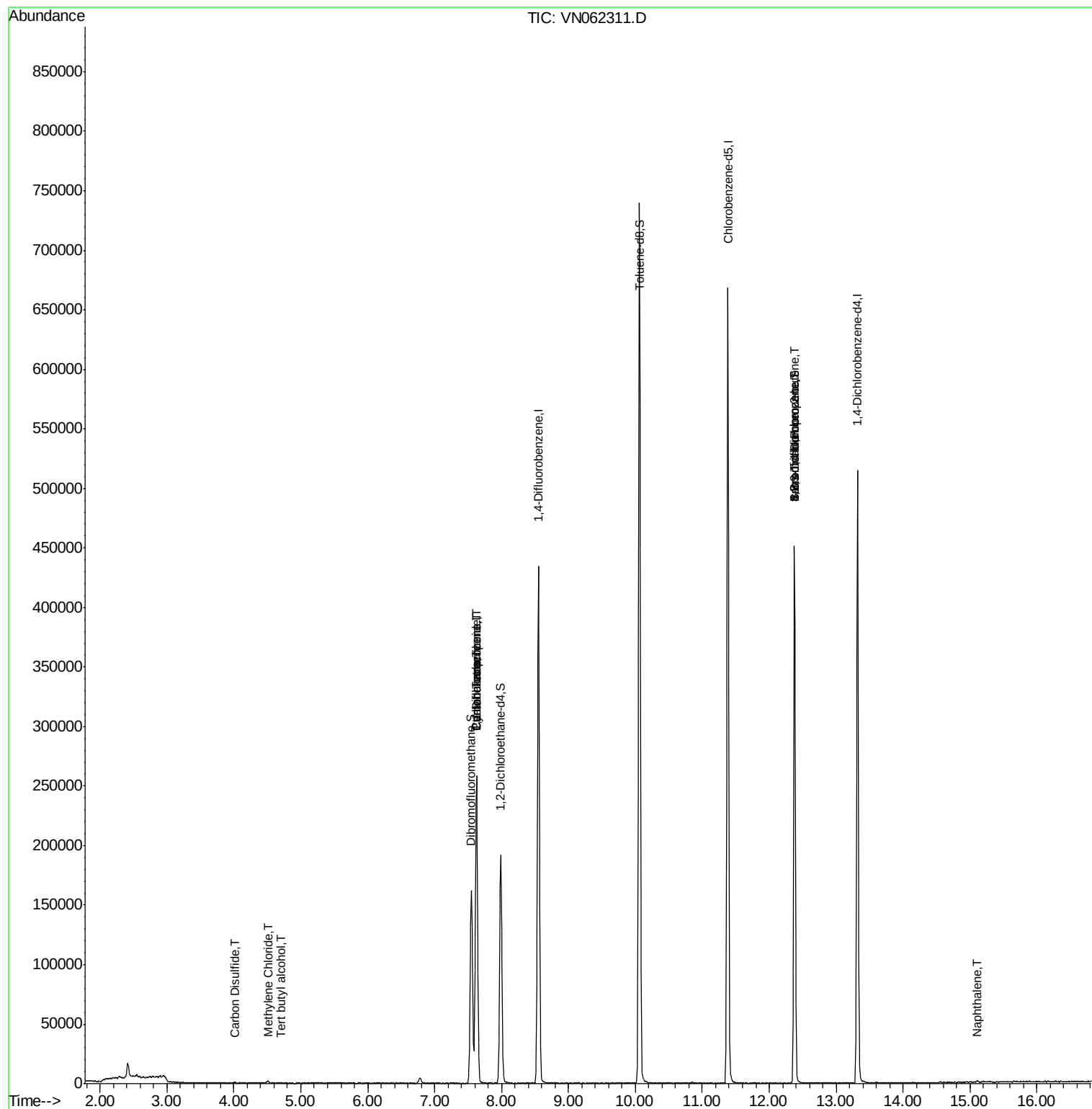
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	348	Below Cal	#	41
11) Tert butyl alcohol	4.71	59	405	1.036	ug/l #	72
16) Acetone	3.78	43	349	Below Cal	#	40
17) Carbon Disulfide	4.01	76	1220	0.241	ug/l #	75
20) Methylene Chloride	4.51	84	1256	0.287	ug/l #	65
31) Cyclohexane	7.63	56	5071	1.347	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	17858	4.578	ug/l #	43
38) Carbon Tetrachloride	7.63	117	20573	5.594	ug/l #	14
71) Bromoform	12.38	173	1514	0.741	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	81855	26.197	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	81855	76.504	ug/l #	13
95) Naphthalene	15.11	128	1303	4.184	ug/l #	69

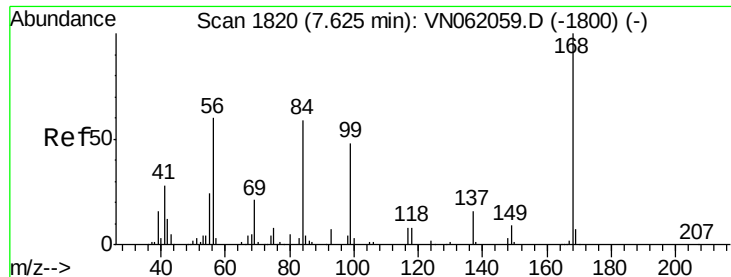
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062311.D
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Quant Time: Jul 02 06:57:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampleId :

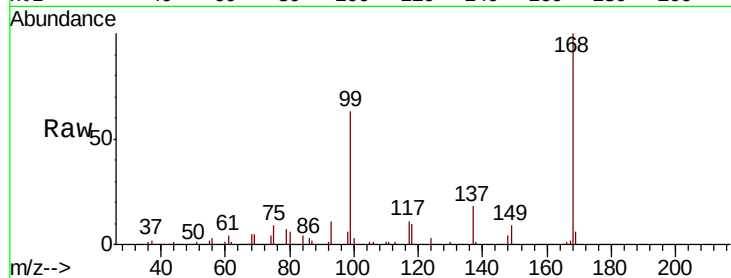
VN0701WBL02

Tot Ion:168 Resp: 194101

Ion Ratio Lower Upper

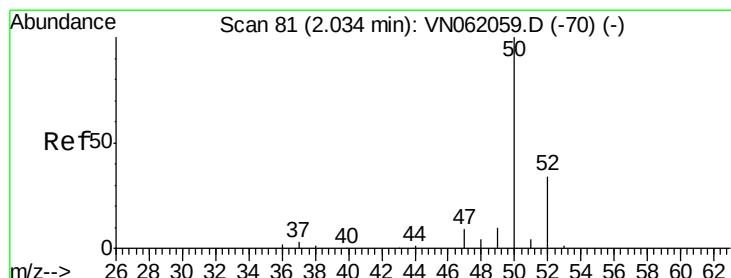
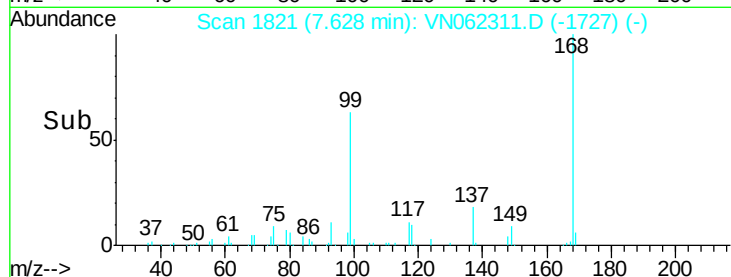
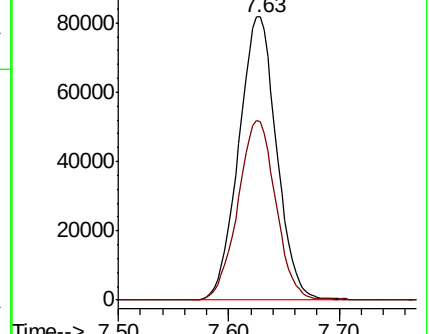
168 100

99 62.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062311.D

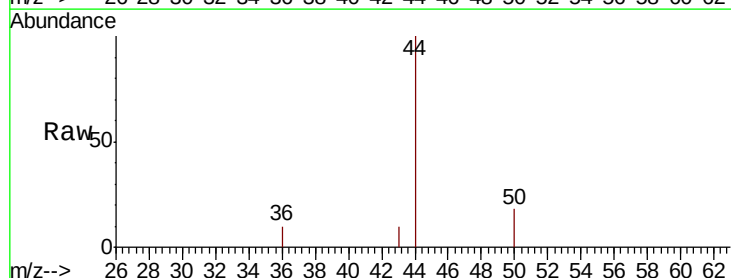
Acq: 2 Jul 2020 00:43

Tgt Ion: 50 Resp: 348

Ion Ratio Lower Upper

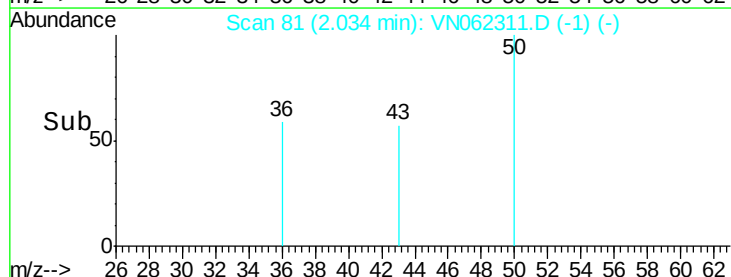
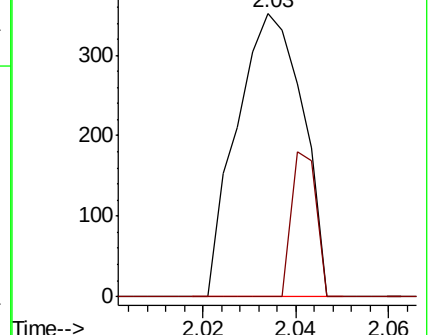
50 100

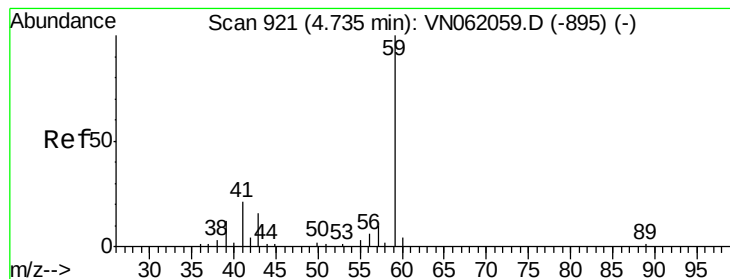
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN



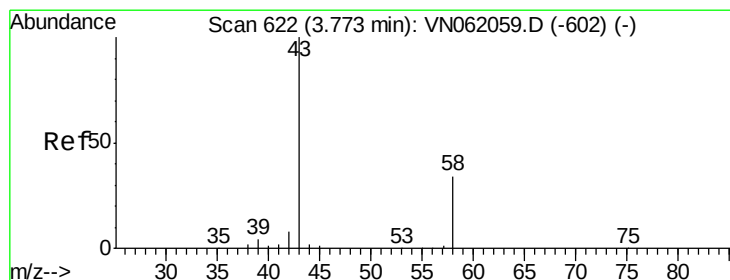
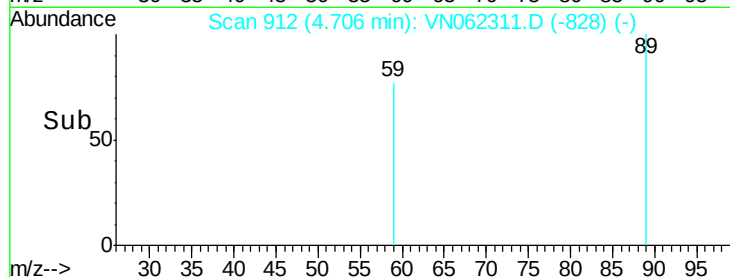
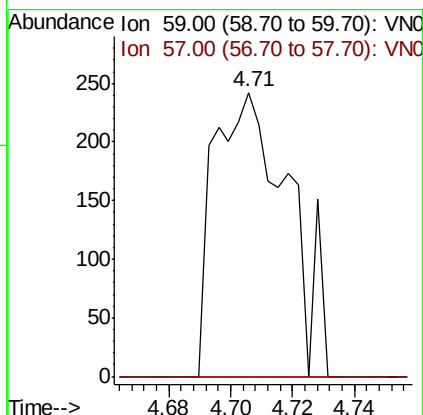
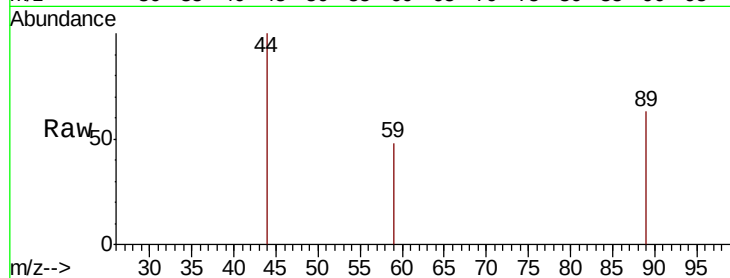


#11

Tert butyl alcohol
 Concen: 1.036 ug/l
 RT: 4.71 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL02

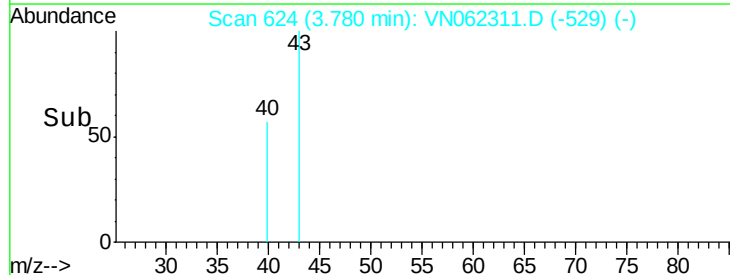
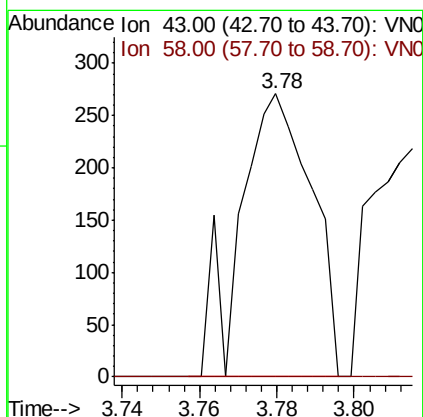
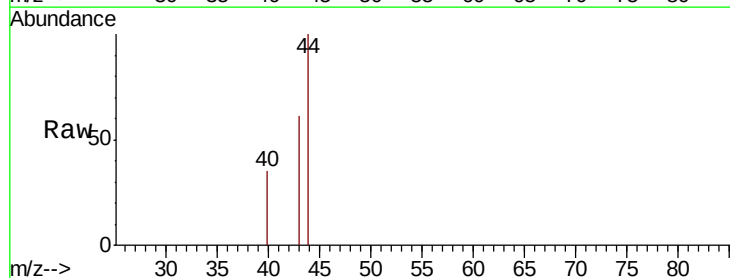
Tot Ion: 59 Resp: 405
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

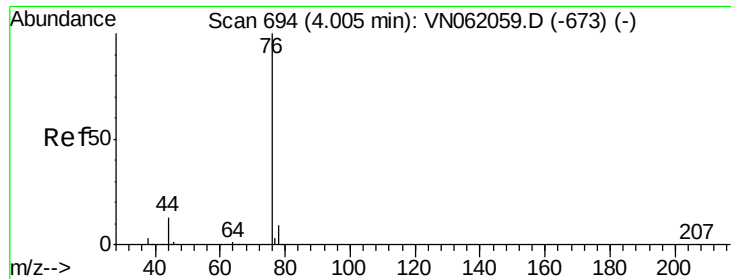


#16

Acetone
 Concen: Below Cal
 RT: 3.78 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Tgt Ion: 43 Resp: 349
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.5 41.3#





#17

Carbon Disulfide

Concen: 0.241 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampleId :

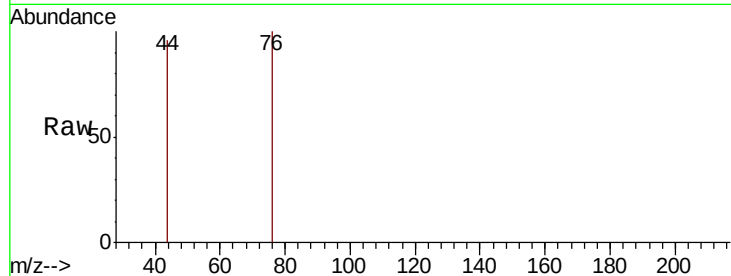
VN0701WBL02

Tot Ion: 76 Resp: 1220

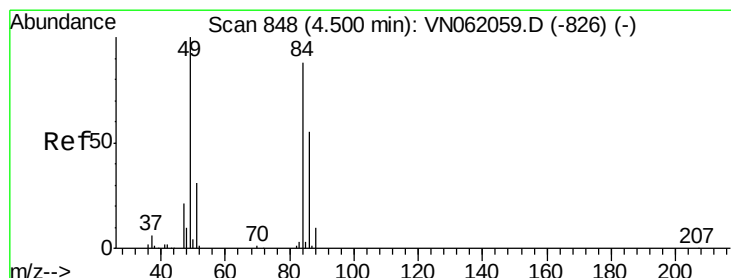
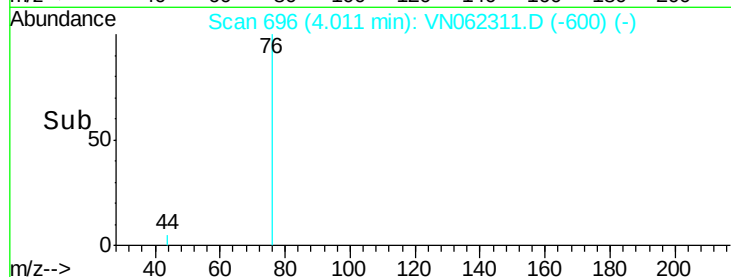
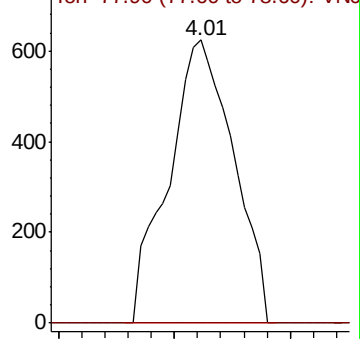
Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN062311.D (-600) (-)



#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 4.51 min Scan# 851

Delta R.T. 0.01 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Tgt Ion: 84 Resp: 1256

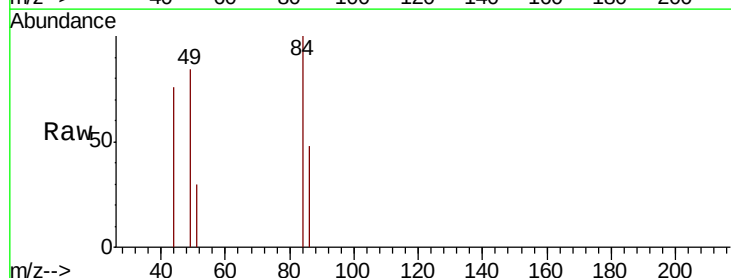
Ion Ratio Lower Upper

84 100

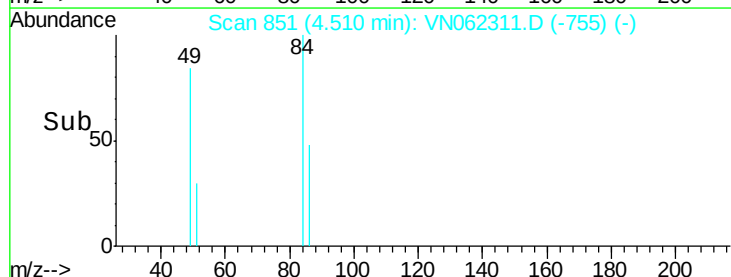
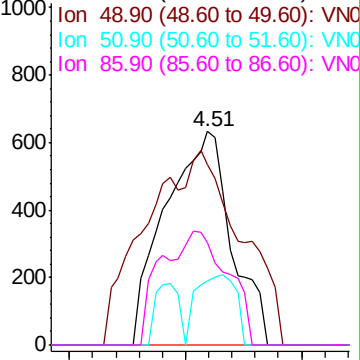
49 57.7 90.6 136.0#

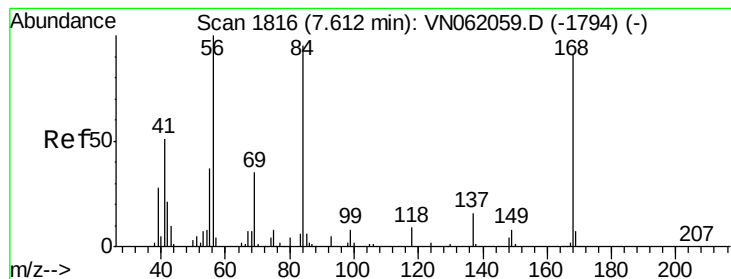
51 29.9 27.8 41.8

86 47.7 50.1 75.1#



Abundance Ion 83.90 (83.60 to 84.60): VN062311.D (-755) (-)





#31

Cyclohexane

Concen: 1.347 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampled :

VN0701WBL02

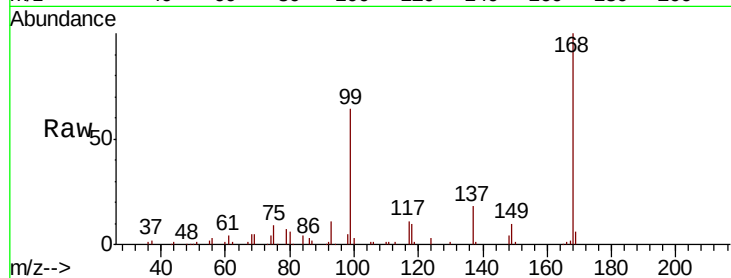
Tot Ion: 56 Resp: 5071

Ion Ratio Lower Upper

56 100

69 185.1 28.0 42.0#

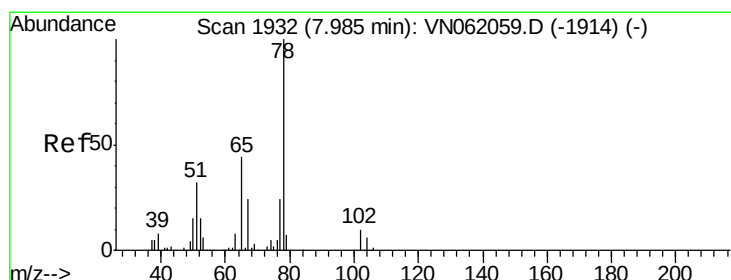
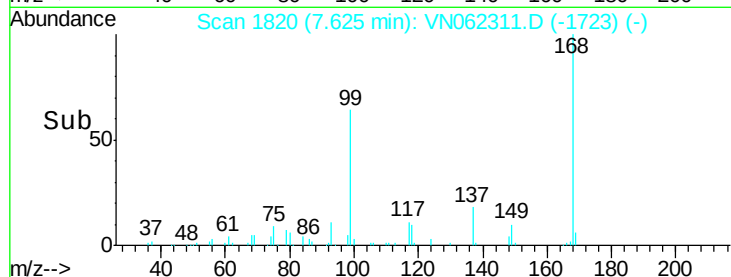
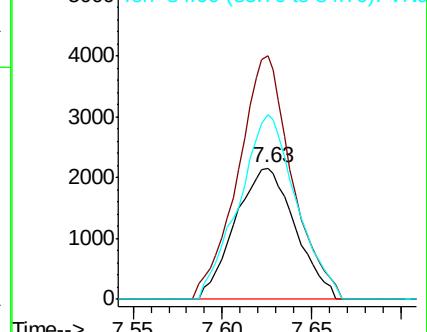
84 140.2 76.1 114.1#



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: 58.538 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062311.D

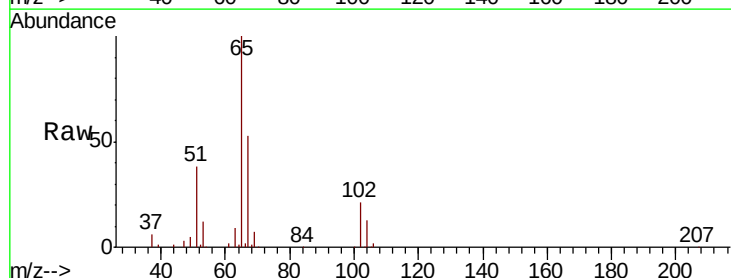
Acq: 2 Jul 2020 00:43

Tgt Ion: 65 Resp: 159451

Ion Ratio Lower Upper

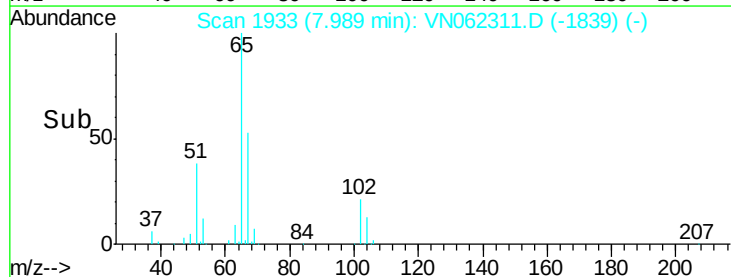
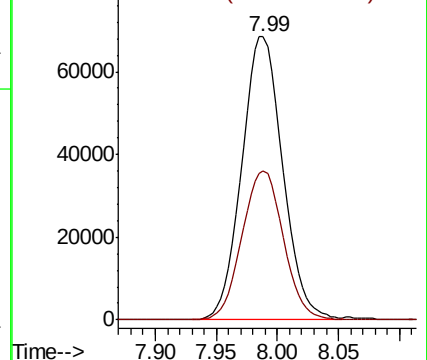
65 100

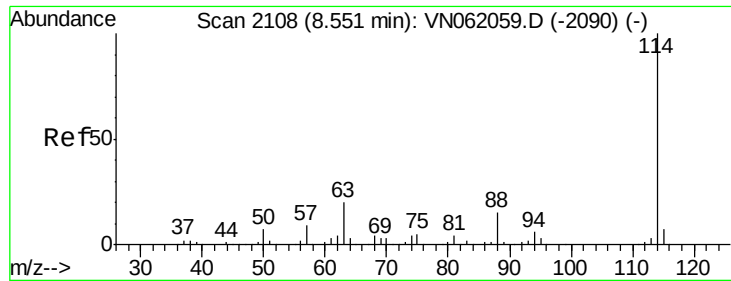
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

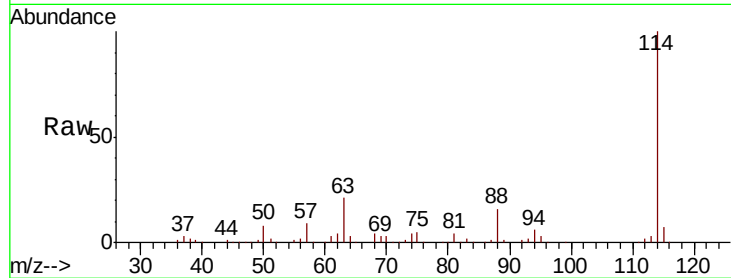




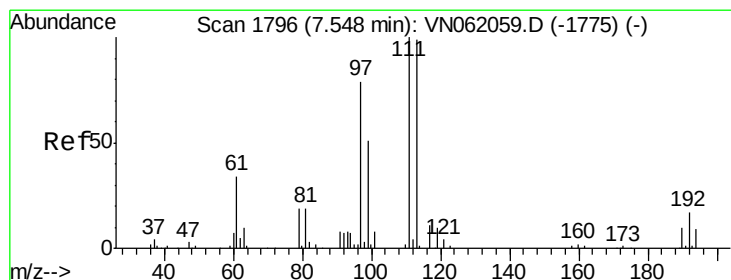
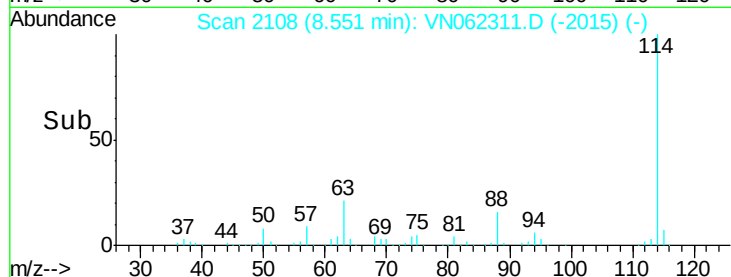
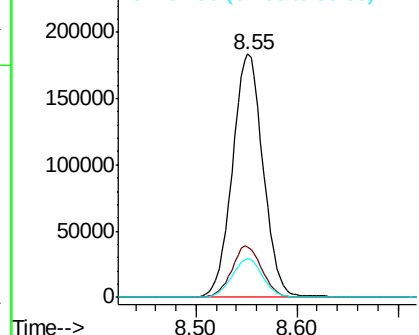
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	39.2
88	16.1	0.0	30.8

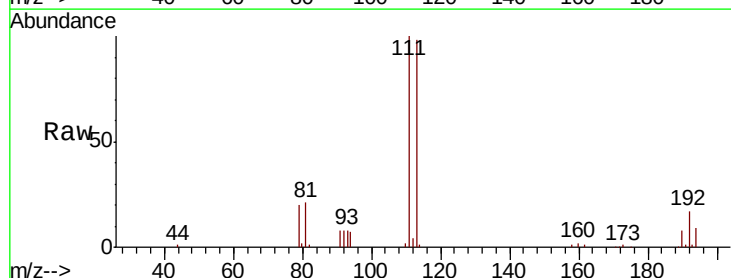


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

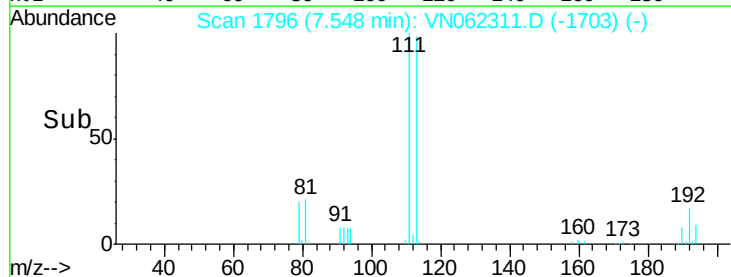
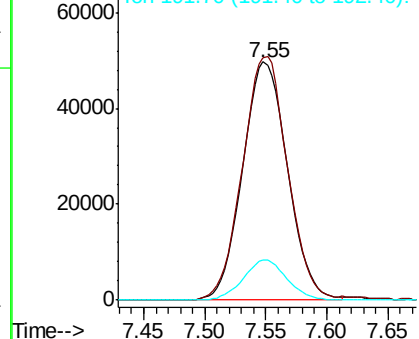


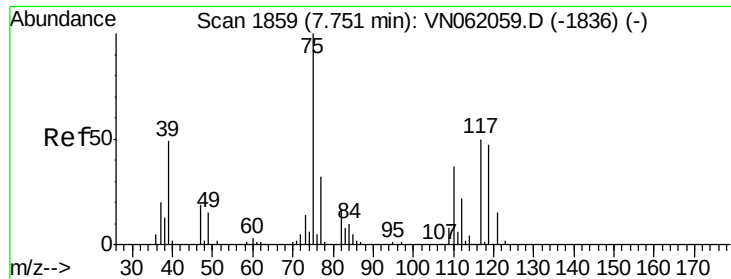
#35
 Dibromofluoromethane
 Concen: 50.936 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	16.2	14.0	21.0



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

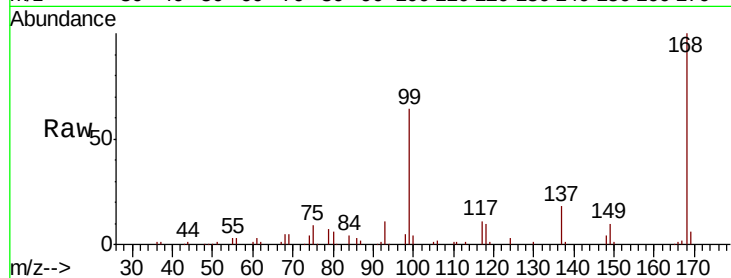




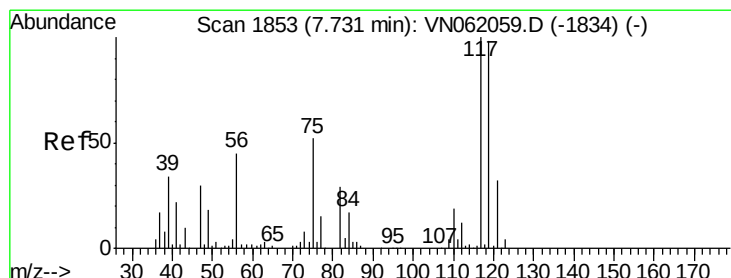
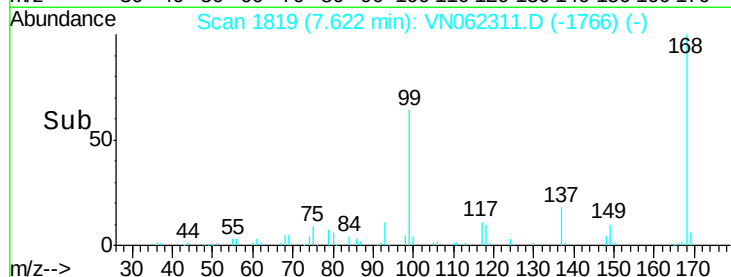
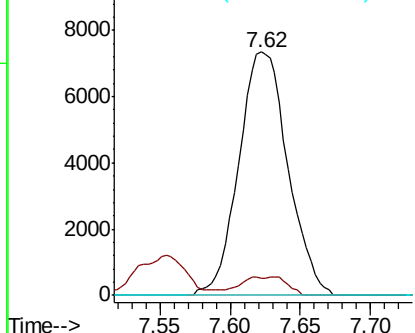
#36
 1,1-Dichloropropene
 Concen: 4.578 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBL02

Tot Ion: 75 Resp: 17858
 Ion Ratio Lower Upper
 75 100
 110 2.1 17.9 53.8#
 77 0.0 24.9 37.3#

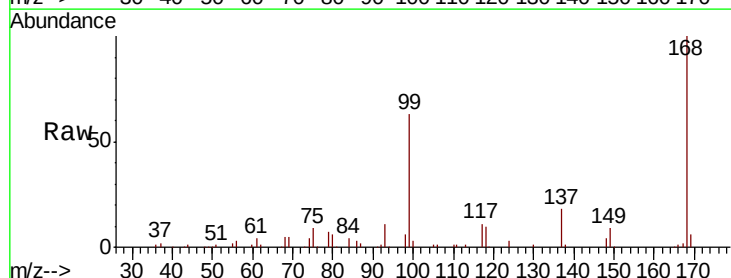


Abundance Ion 74.90 (74.60 to 75.60): VN062311.D (-1766) (-)
 Ion 109.90 (109.60 to 110.60): VN062311.D (-1766) (-)
 Ion 76.90 (76.60 to 77.60): VN062311.D (-1766) (-)

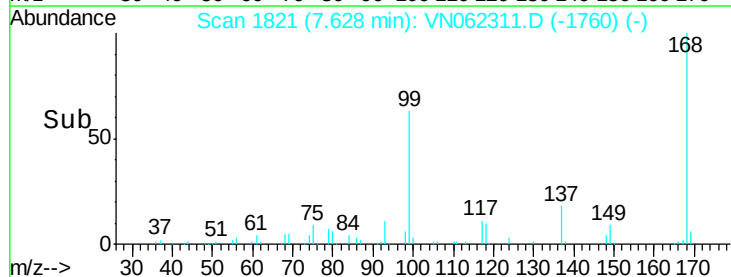
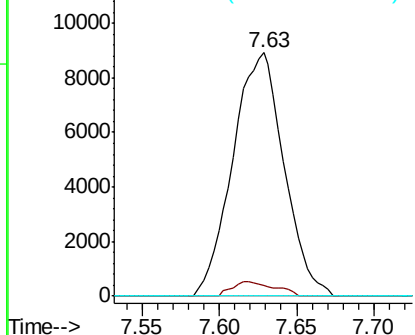


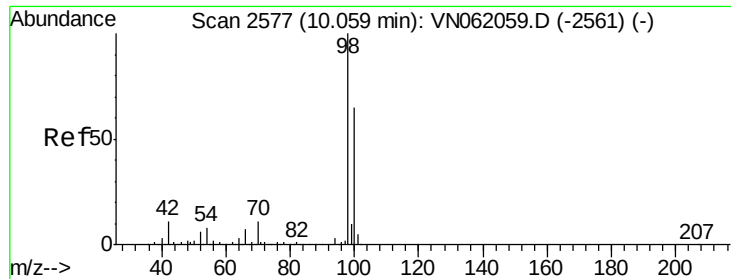
#38
 Carbon Tetrachloride
 Concen: 5.594 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.10 min
 Lab File: VN062311.D
 Acq: 2 Jul 2020 00:43

Tgt Ion: 117 Resp: 20573
 Ion Ratio Lower Upper
 117 100
 119 4.2 78.2 117.2#
 121 0.0 25.8 38.6#



Abundance Ion 116.80 (116.50 to 117.50): VN062311.D (-1760) (-)
 Ion 118.80 (118.50 to 119.50): VN062311.D (-1760) (-)
 Ion 120.80 (120.50 to 121.50): VN062311.D (-1760) (-)





#50

Toluene-d8

Concen: 50.713 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampleId :

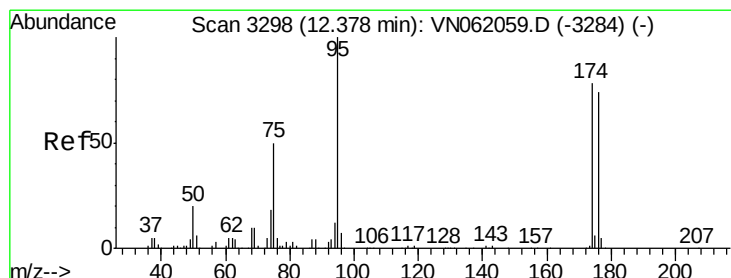
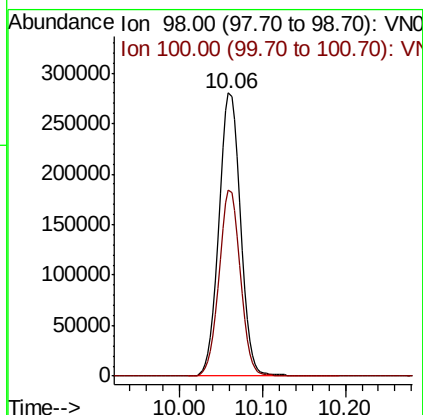
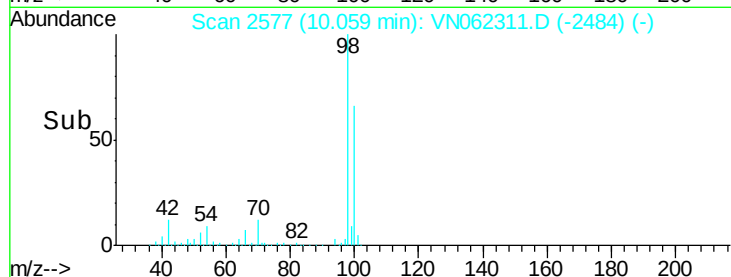
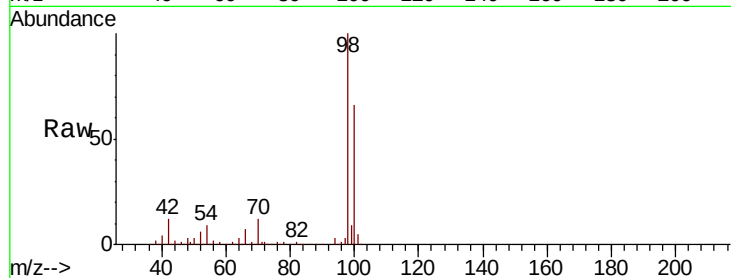
VN0701WBL02

Tot Ion: 98 Resp: 504684

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.620 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

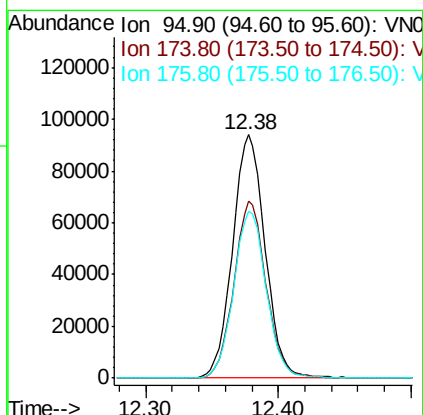
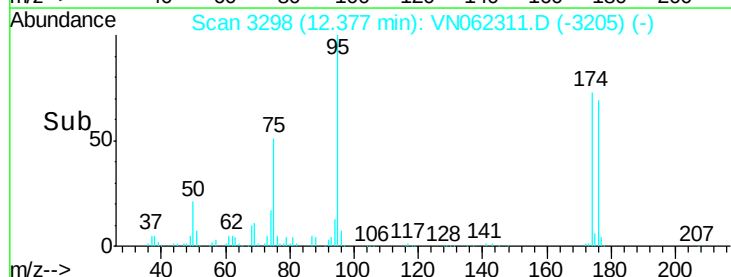
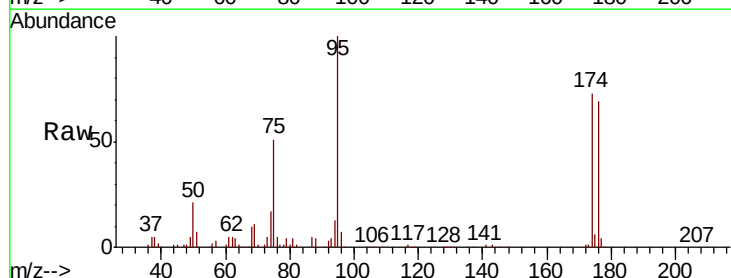
Tgt Ion: 95 Resp: 160114

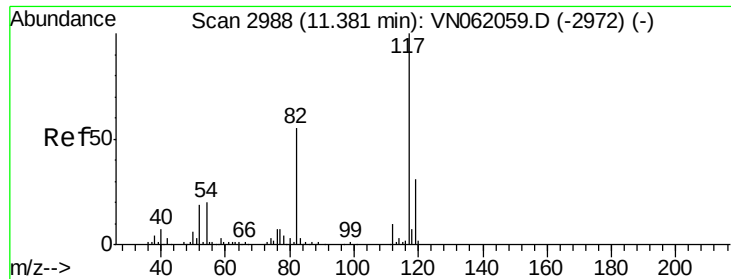
Ion Ratio Lower Upper

95 100

174 72.0 0.0 154.8

176 69.1 0.0 147.4

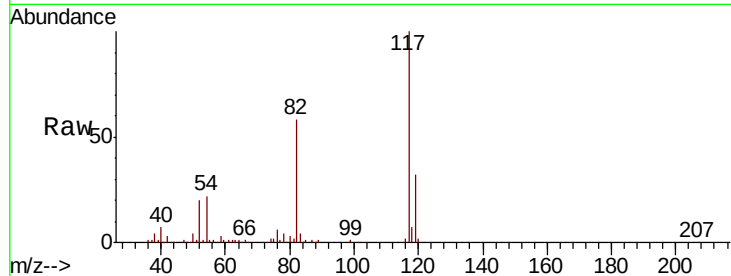




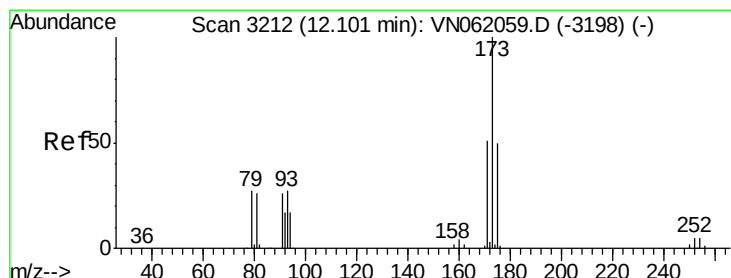
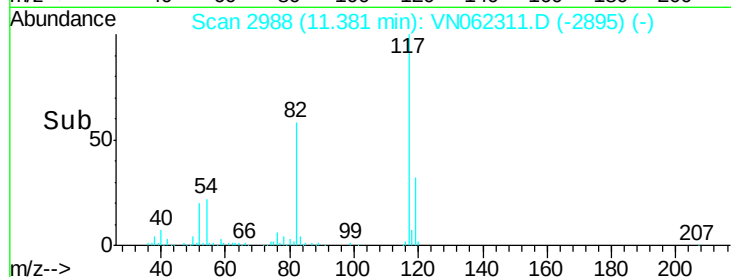
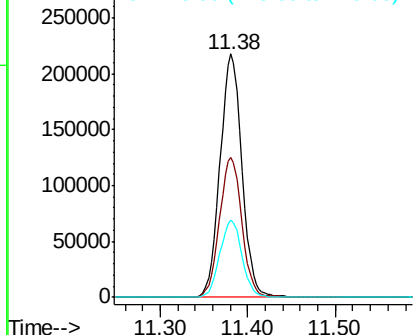
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062311.D
Acq: 2 Jul 2020 00:43

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBL02

Tot Ion:117 Resp: 378453
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 31.6 25.2 37.8

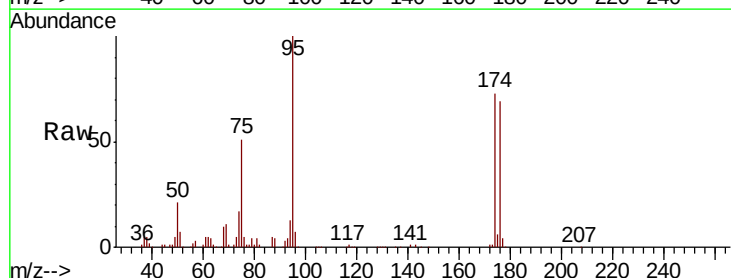


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

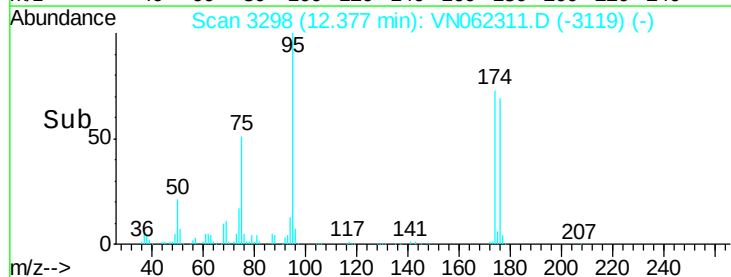
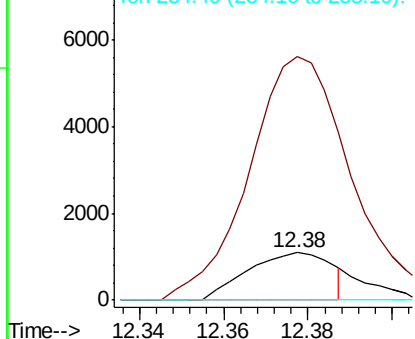


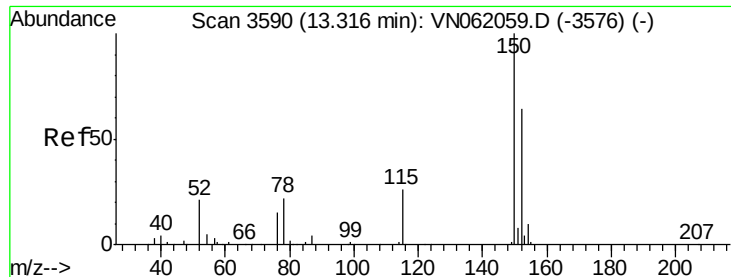
#71
Bromoform
Concen: 0.741 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062311.D
Acq: 2 Jul 2020 00:43

Tgt Ion:173 Resp: 1514
Ion Ratio Lower Upper
173 100
175 509.4 24.7 74.1#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBL02

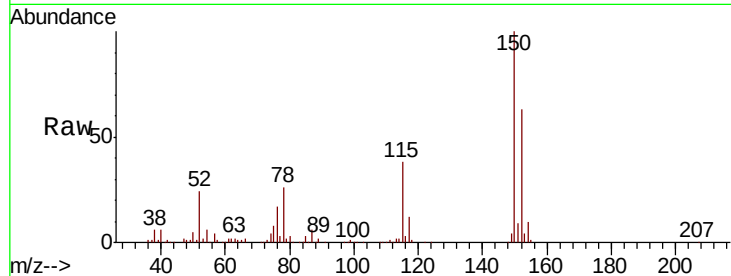
Tot Ion:152 Resp: 132732

Ion Ratio Lower Upper

152 100

115 61.9 29.5 88.5

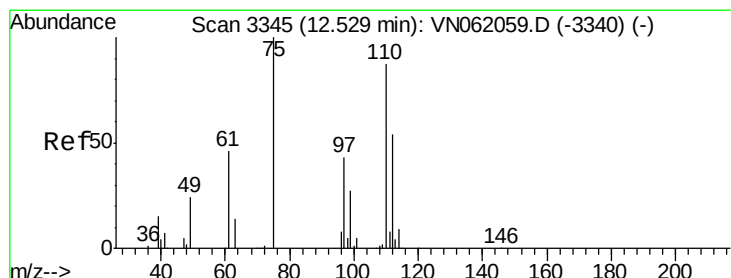
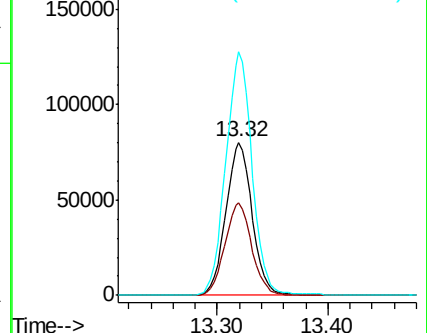
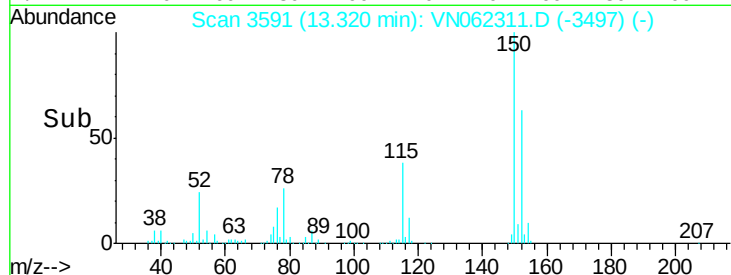
150 158.5 0.0 351.4



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: 26.197 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062311.D

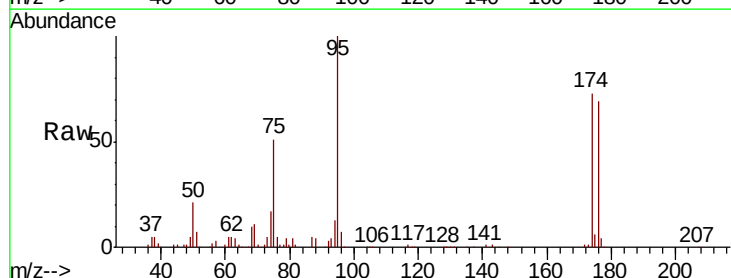
Acq: 2 Jul 2020 00:43

Tgt Ion: 75 Resp: 81855

Ion Ratio Lower Upper

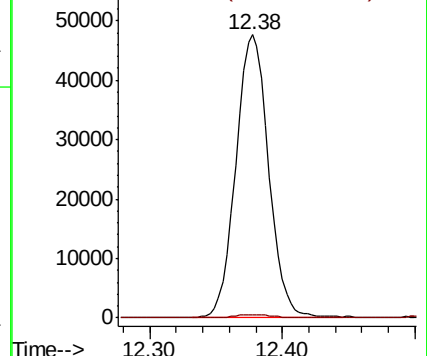
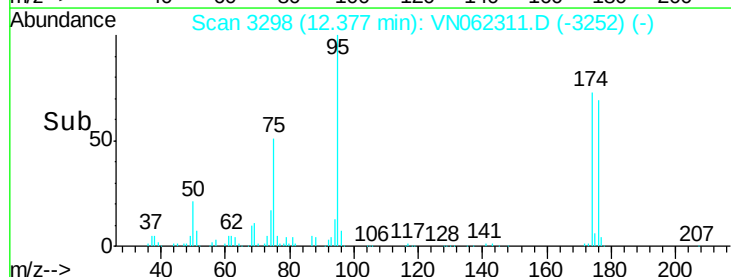
75 100

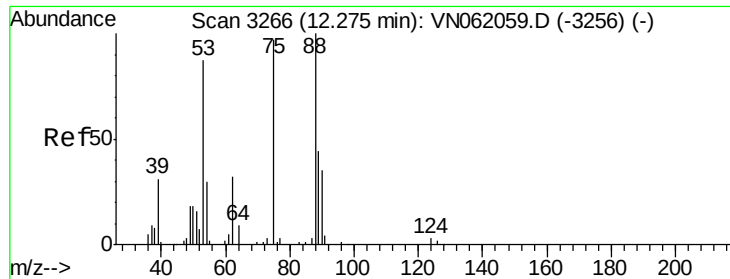
77 1.3 0.0 0.0#



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: 76.504 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

Instrument :

MSVOA_N

ClientSampled :

VN0701WBL02

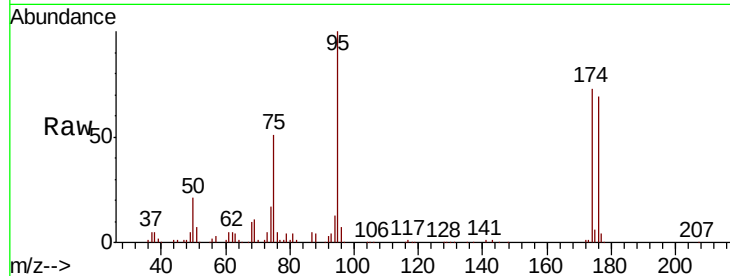
Tot Ion: 75 Resp: 81855

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

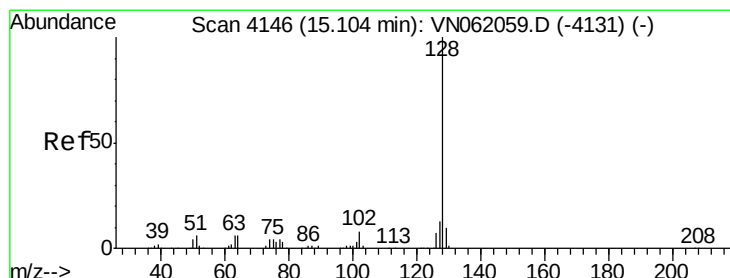
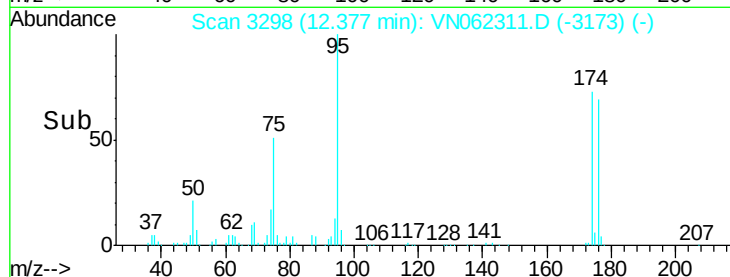
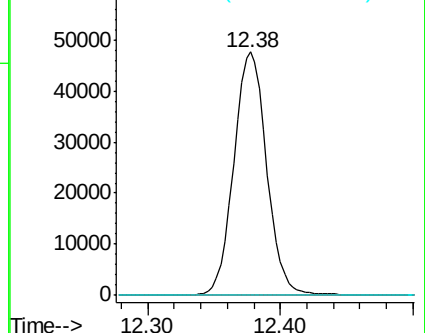
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062311.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062311.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062311.D (-3173) (-)



#95

Naphthalene

Concen: 4.184 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062311.D

Acq: 2 Jul 2020 00:43

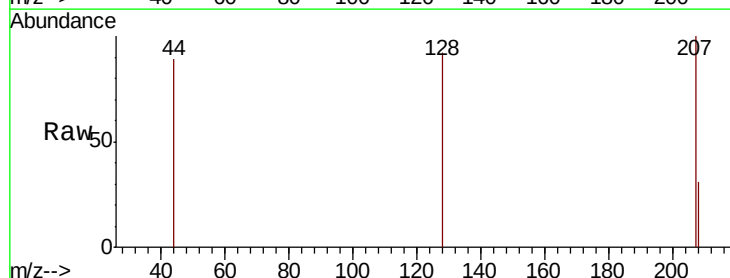
Tgt Ion: 128 Resp: 1303

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062311.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062311.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062311.D (-4053) (-)

