

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082420\NOT REVIEWED DATA\
 Data File : VN063089.D
 Acq On : 24 Aug 2020 12:39
 Operator : JC/MD
 Sample : VN0824WBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Quant Time: Aug 24 14:05:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	145781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253904	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101584	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	96585	55.90	ug/l	0.00
Spiked Amount			Recovery	=	111.80%	
35) Dibromofluoromethane	7.55	113	82800	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
50) Toluene-d8	10.06	98	311277	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	109257	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	

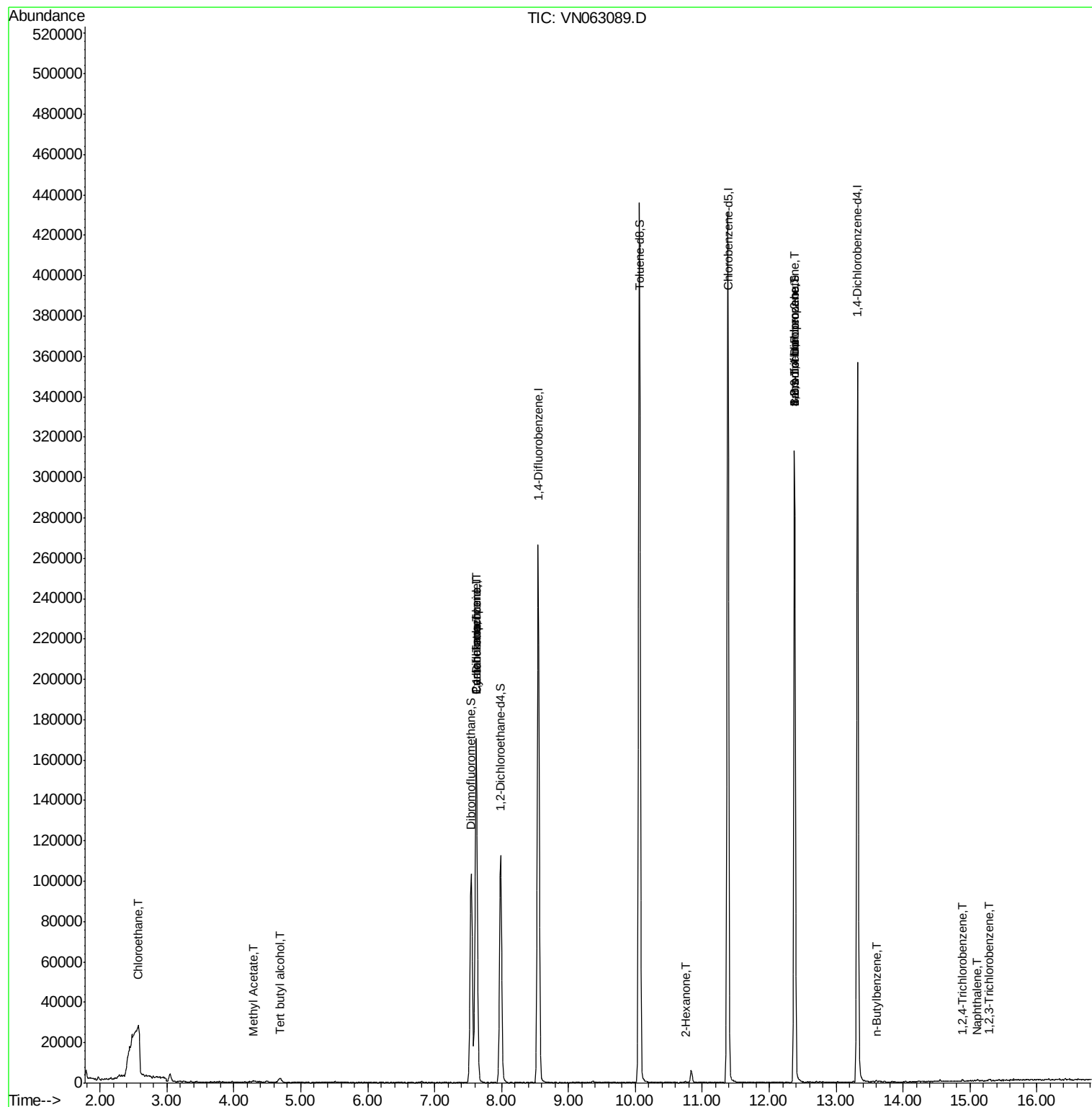
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	2.56	64	285	0.250	ug/l #	46
11) Tert butyl alcohol	4.69	59	2511	10.260	ug/l #	74
16) Acetone	3.79	43	98	Below Cal	#	40
18) Methyl Acetate	4.29	43	1737	1.012	ug/l #	52
20) Methylene Chloride	4.50	84	534	Below Cal	#	80
31) Cyclohexane	7.62	56	2649	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10469	4.894	ug/l #	48
38) Carbon Tetrachloride	7.62	117	13454	6.230	ug/l #	18
59) 2-Hexanone	10.74	43	544	0.372	ug/l #	31
71) Bromoform	12.38	173	1000	0.633	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	53277	26.982	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	53277	74.104	ug/l #	15
89) n-Butylbenzene	13.60	91	438	2.845	ug/l #	47
93) 1,2,4-Trichlorobenzene	14.89	180	416	4.760	ug/l #	66
95) Naphthalene	15.11	128	1141	5.892	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.29	180	458	4.210	ug/l #	73

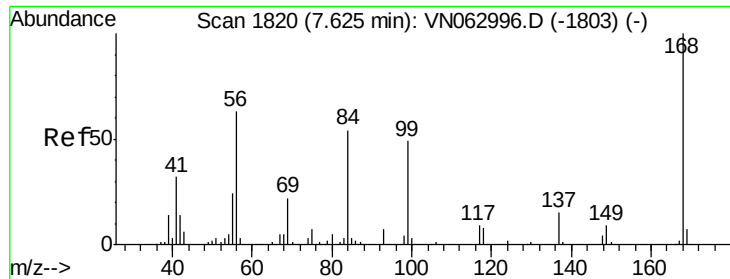
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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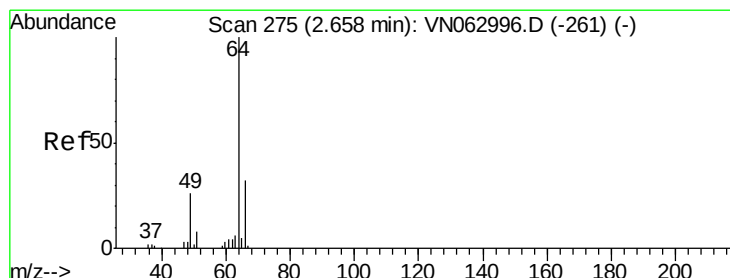
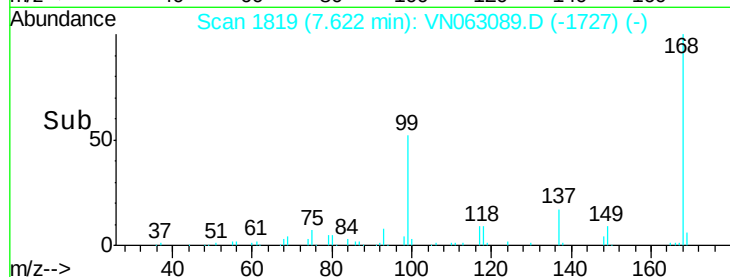
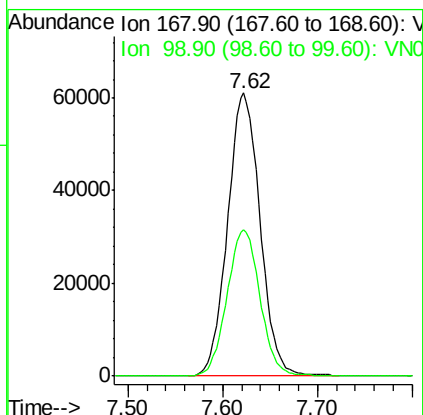
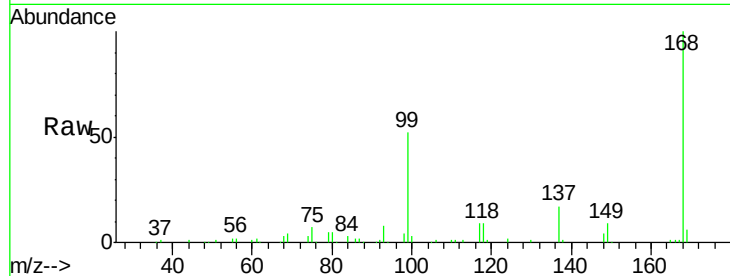




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

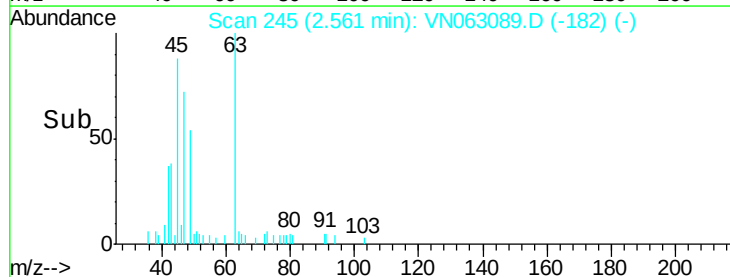
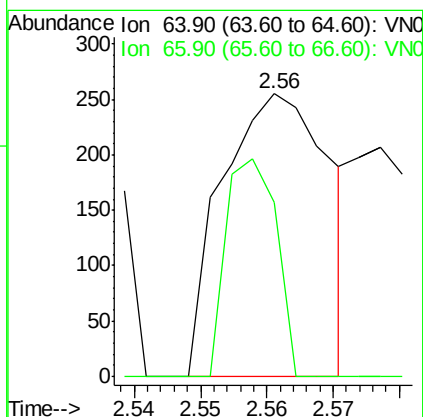
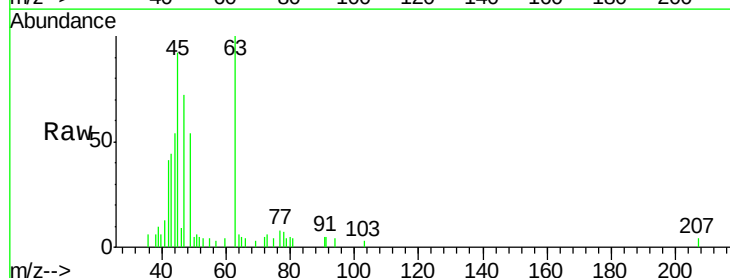
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

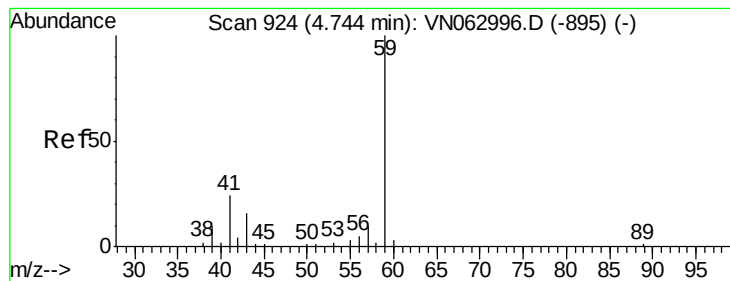
Tgt Ion: 168 Resp: 145781
Ion Ratio Lower Upper
168 100
99 51.9 42.0 63.0



#6
Chloroethane
Concen: 0.250 ug/l
RT: 2.56 min Scan# 245
Delta R.T. -0.10 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

Tgt Ion: 64 Resp: 285
Ion Ratio Lower Upper
64 100
66 61.6 25.4 38.0#



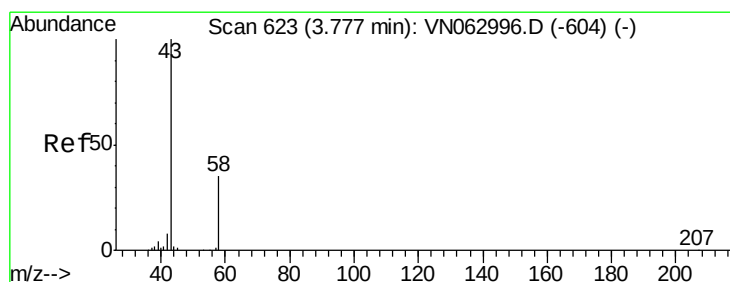
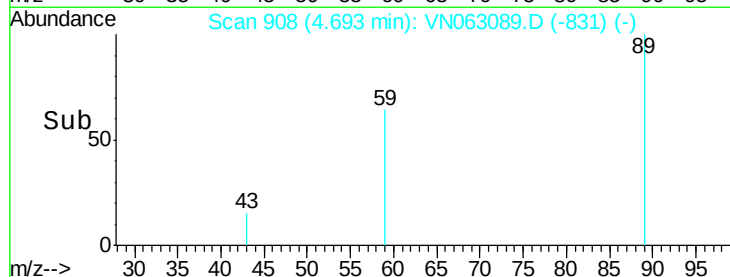
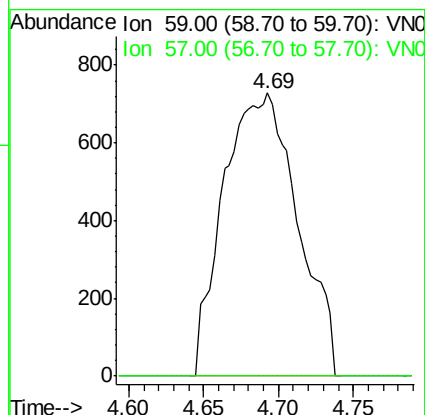
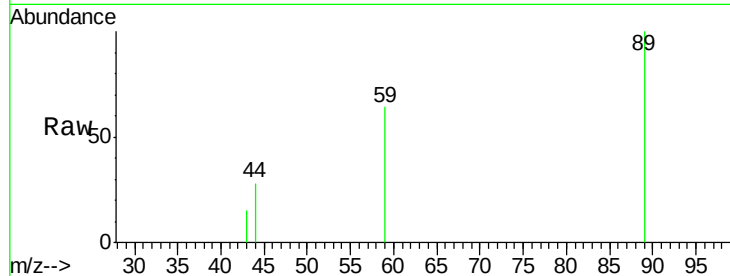


#11

Tert butyl alcohol
 Concen: 10.260 ug/l
 RT: 4.69 min Scan# 908
 Delta R.T. -0.05 min
 Lab File: VN063089.D
 Acq: 24 Aug 2020 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

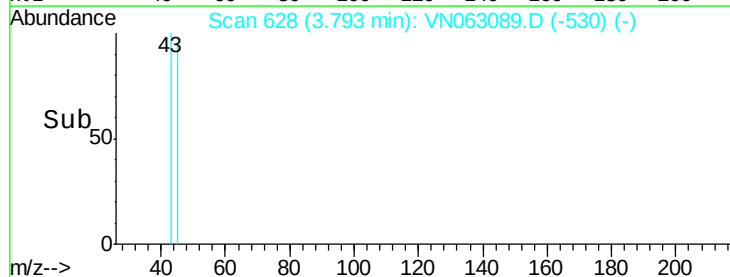
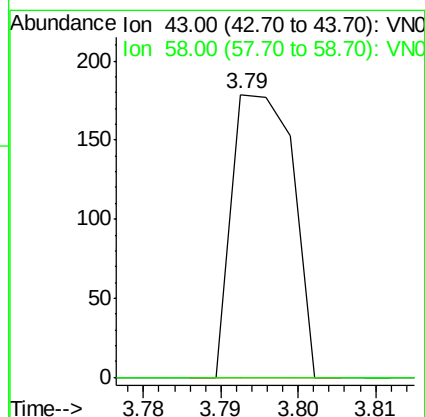
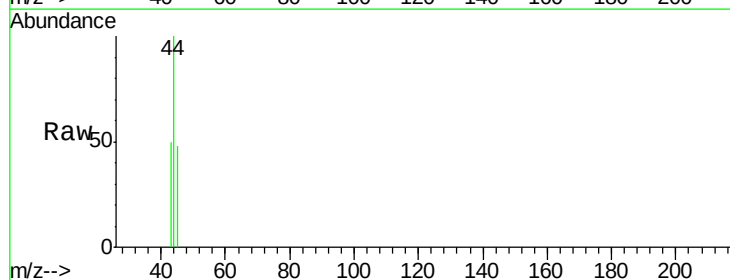
Tgt Ion: 59 Resp: 2511
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

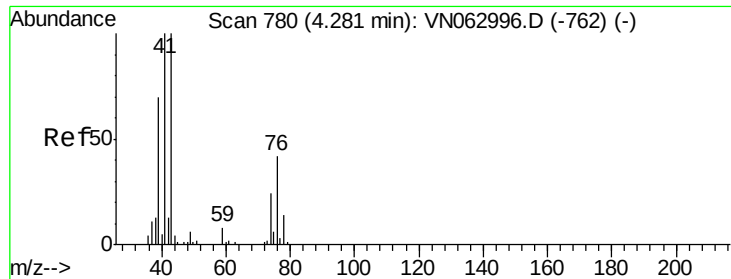


#16

Acetone
 Concen: Below Cal
 RT: 3.79 min Scan# 628
 Delta R.T. 0.02 min
 Lab File: VN063089.D
 Acq: 24 Aug 2020 12:39

Tgt Ion: 43 Resp: 98
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.8 41.6#

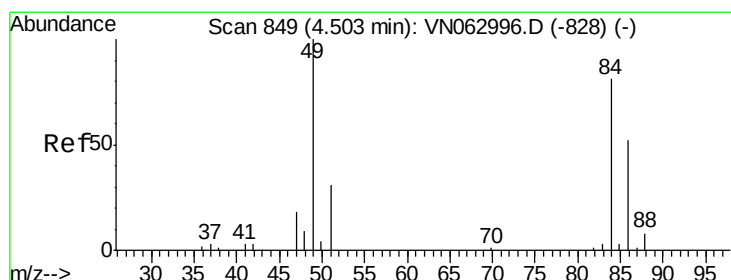
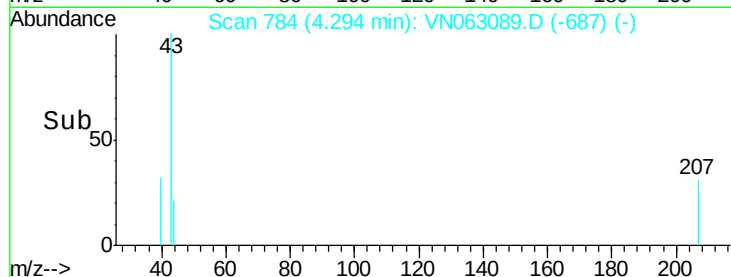
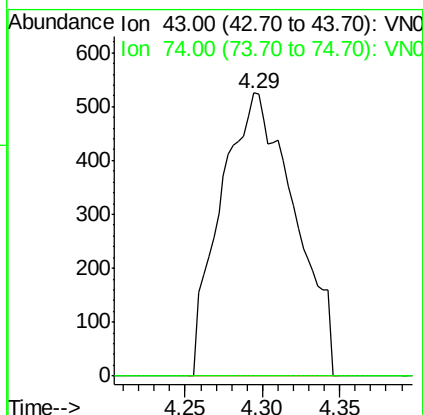
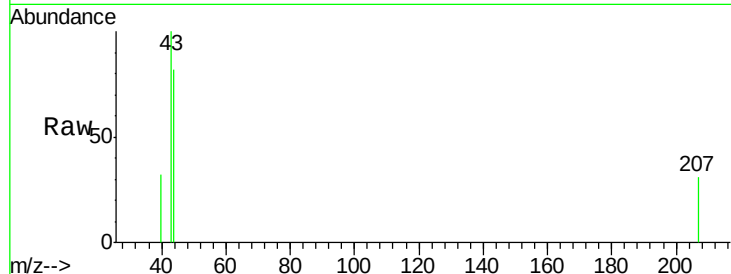




#18
Methyl Acetate
Concen: 1.012 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

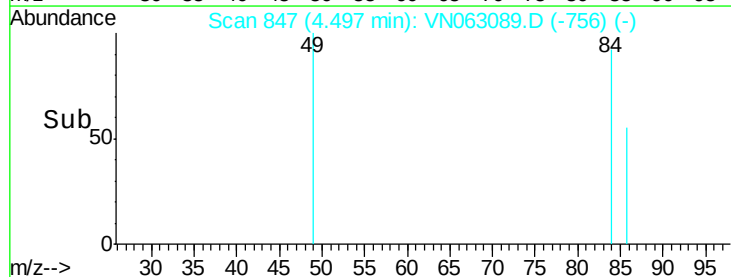
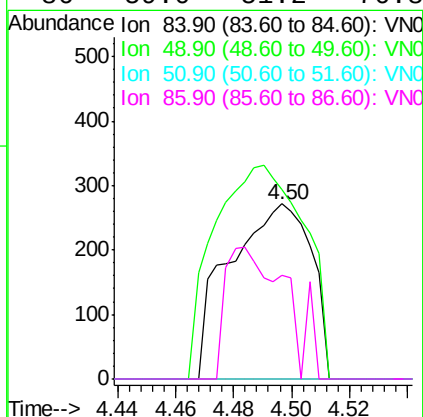
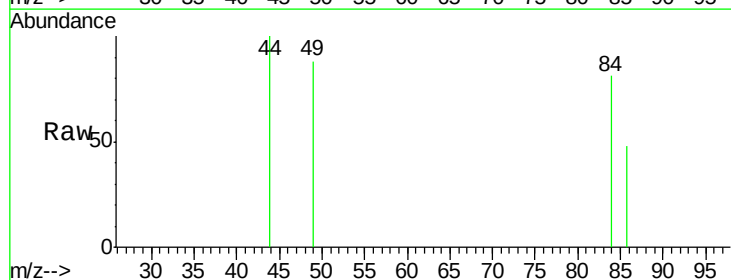
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

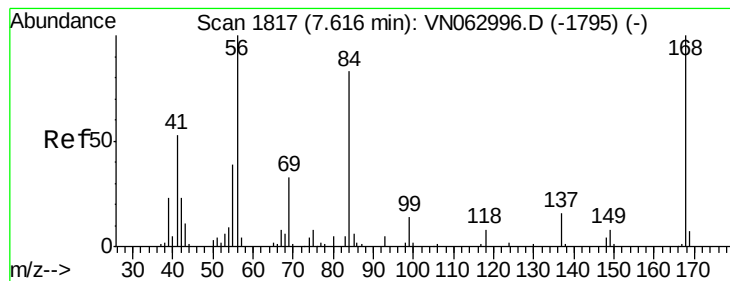
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

Tgt Ion: 84 Resp: 534
Ion Ratio Lower Upper
84 100
49 108.1 98.7 148.1
51 0.0 30.8 46.2#
86 59.0 51.2 76.8





#31

Cyclohexane

Concen: 1.040 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

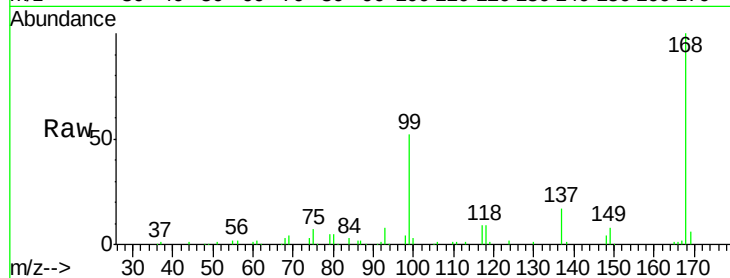
Tgt Ion: 56 Resp: 2649

Ion Ratio Lower Upper

56 100

69 203.4 26.6 40.0#

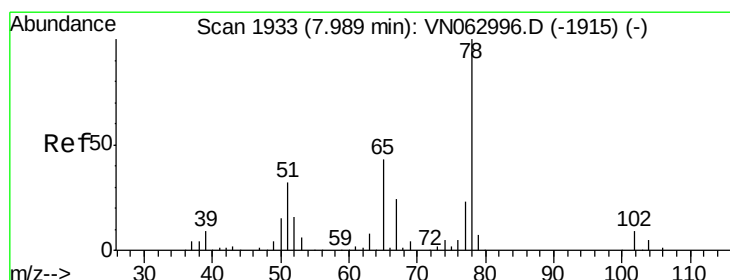
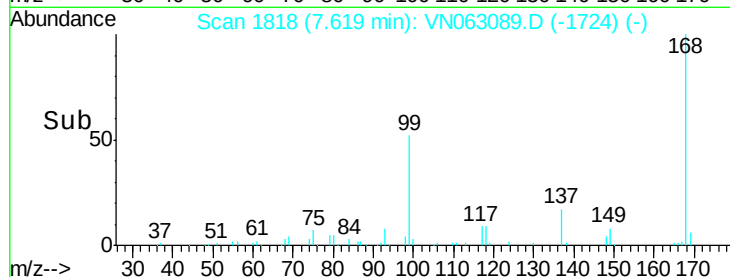
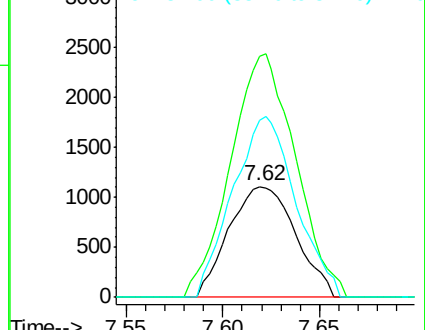
84 159.6 66.4 99.6#



Abundance Ion 56.00 (55.70 to 56.70): VN062996.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062996.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062996.D (-1795) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.901 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063089.D

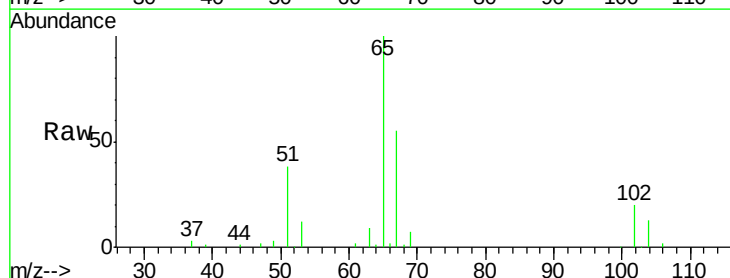
Acq: 24 Aug 2020 12:39

Tgt Ion: 65 Resp: 96585

Ion Ratio Lower Upper

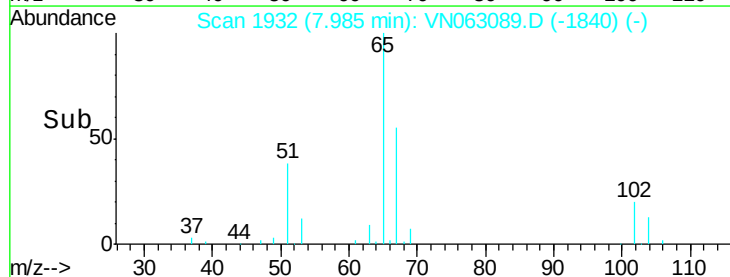
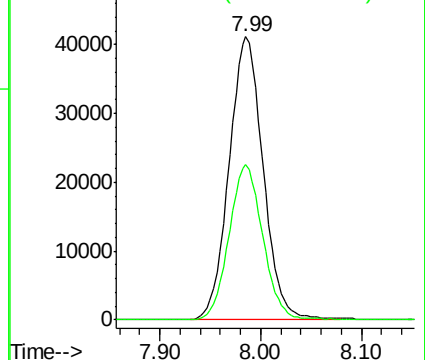
65 100

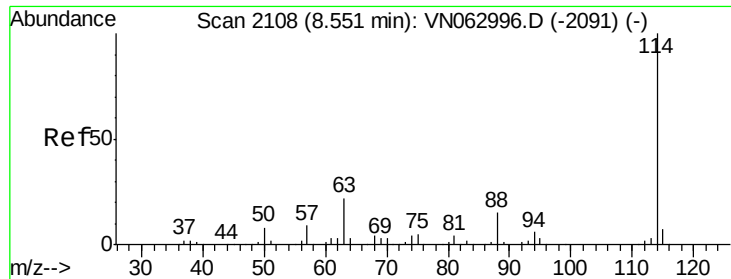
67 54.1 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN062996.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062996.D (-1915) (-)

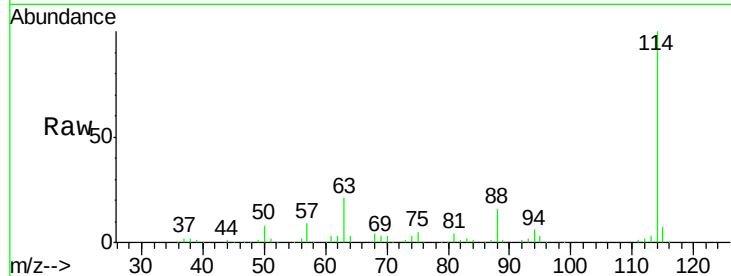




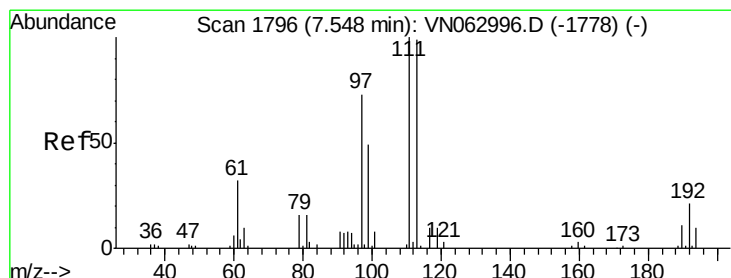
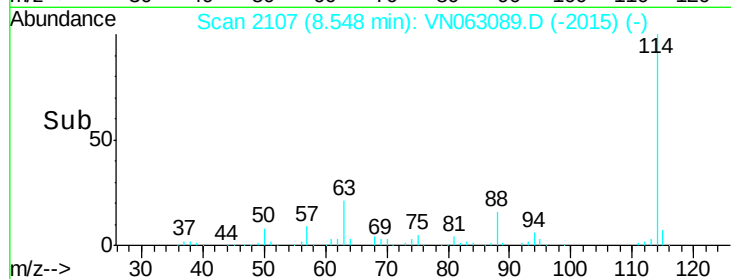
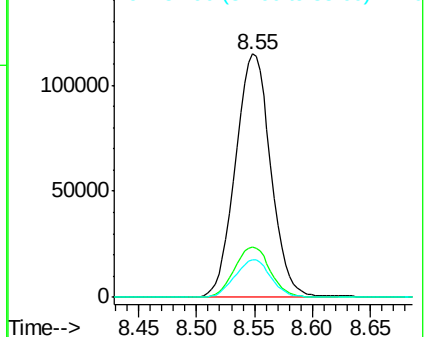
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063089.D
 Acq: 24 Aug 2020 12:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBL01

Tgt Ion:114 Resp: 242736
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.5 0.0 30.6

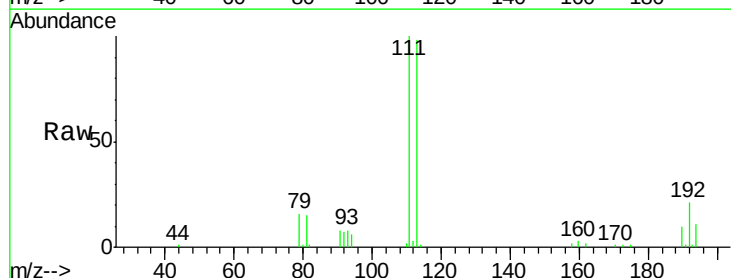


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

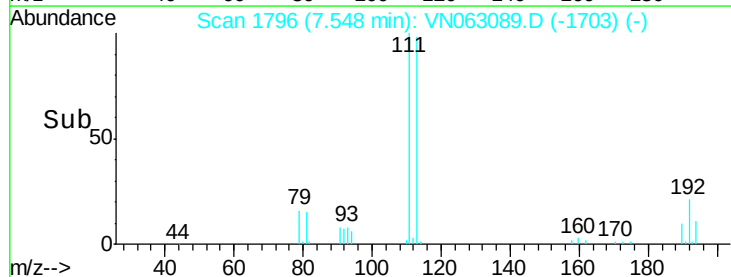
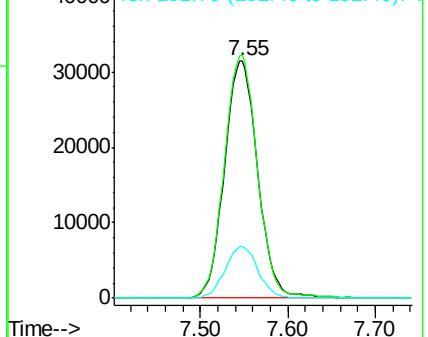


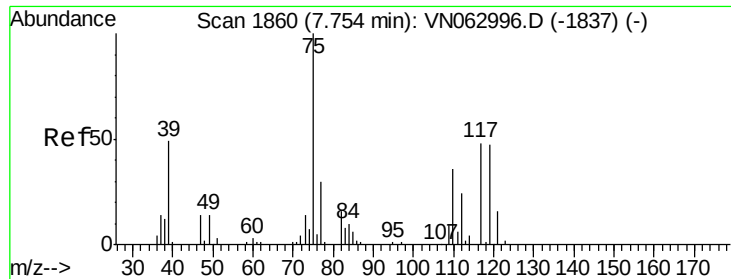
#35
 Dibromofluoromethane
 Concen: 52.350 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063089.D
 Acq: 24 Aug 2020 12:39

Tgt Ion:113 Resp: 82800
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 21.5 17.5 26.3



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: 4.894 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.13 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

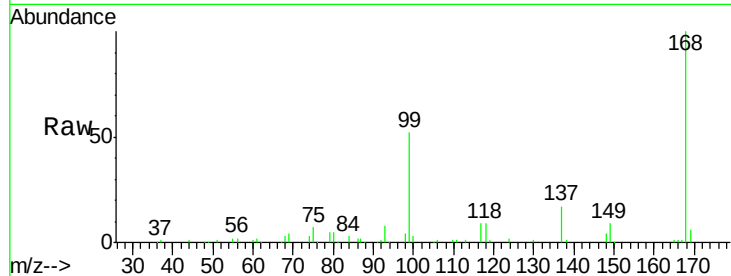
Tgt Ion: 75 Resp: 10469

Ion Ratio Lower Upper

75 100

110 7.2 17.5 52.6#

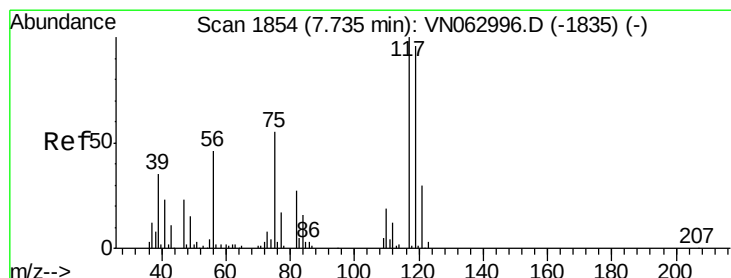
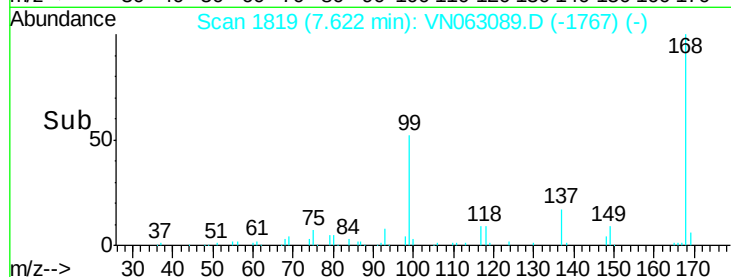
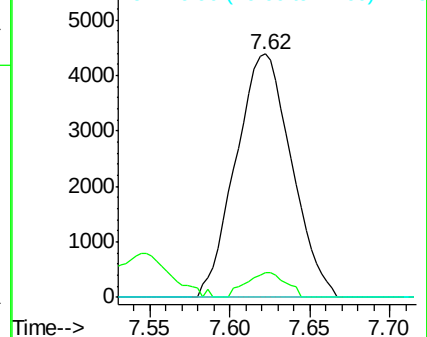
77 0.0 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

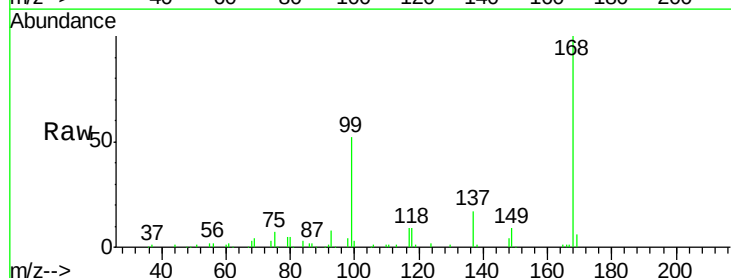
Tgt Ion: 117 Resp: 13454

Ion Ratio Lower Upper

117 100

119 7.1 76.2 114.4#

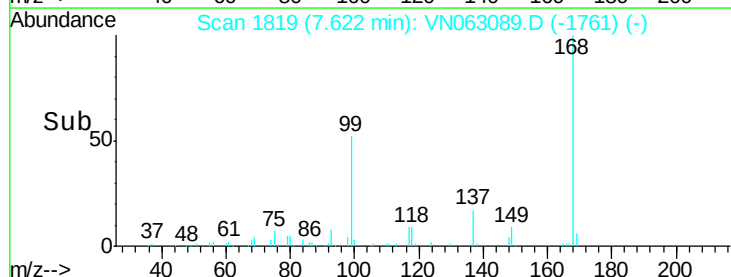
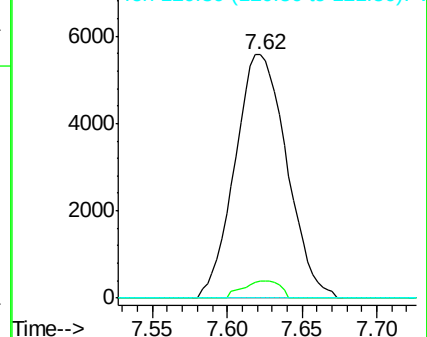
121 0.0 24.2 36.2#

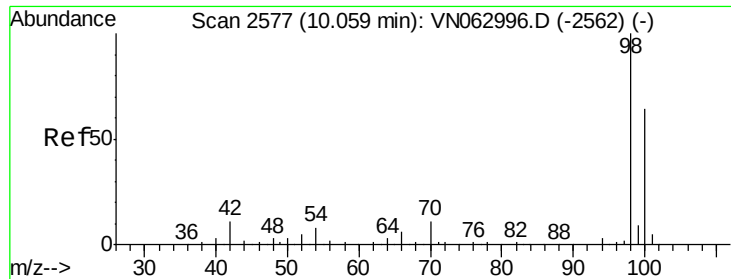


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.237 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

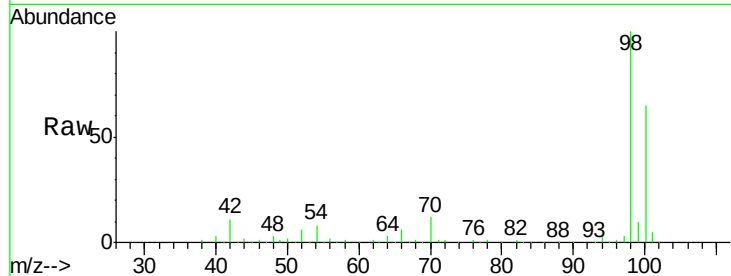
VN0824WBL01

Tgt Ion: 98 Resp: 311277

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

150000

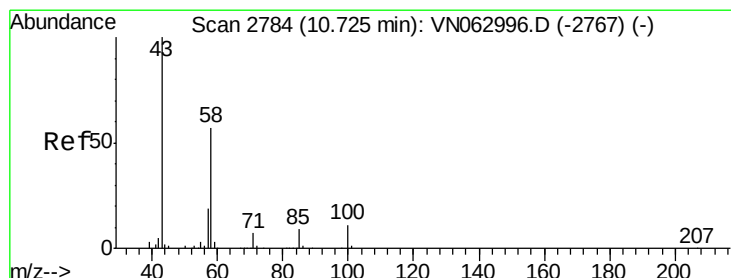
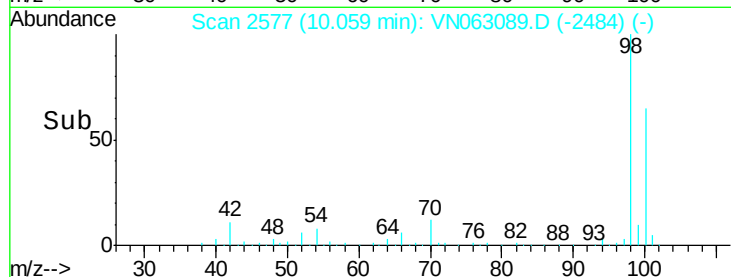
100000

50000

0

10.00 10.10

Time-->



#59

2-Hexanone

Concen: 0.372 ug/l

RT: 10.74 min Scan# 2788

Delta R.T. 0.01 min

Lab File: VN063089.D

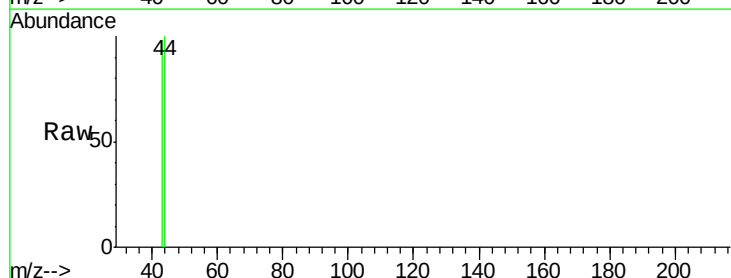
Acq: 24 Aug 2020 12:39

Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

58 5.5 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2767) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2767) (-)

10.74

300

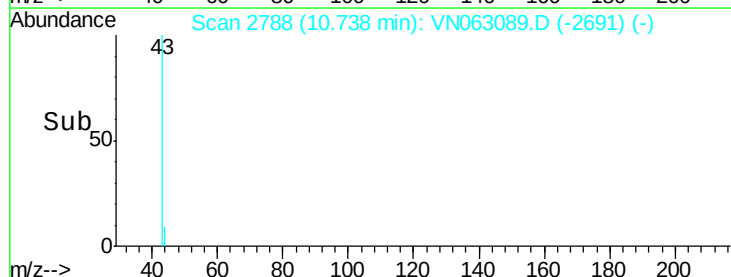
200

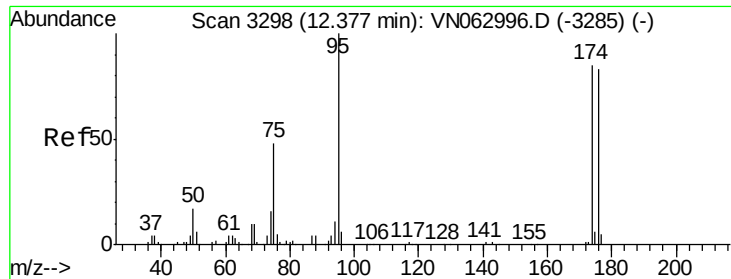
100

0

10.70 10.75

Time-->

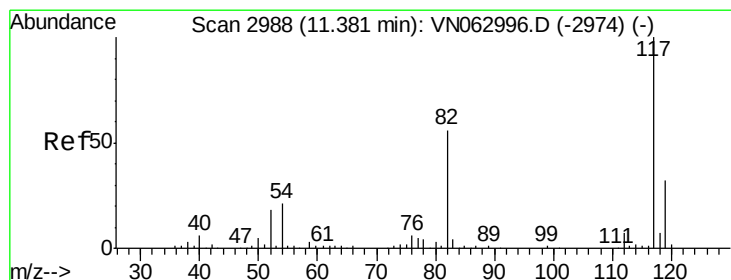
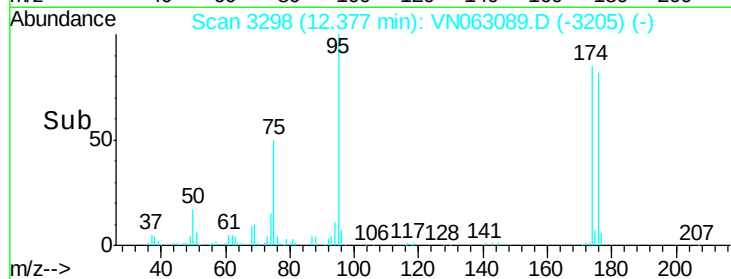
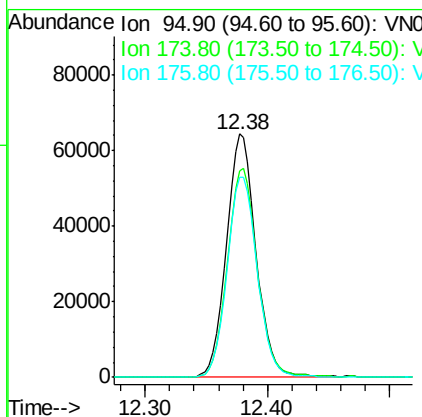
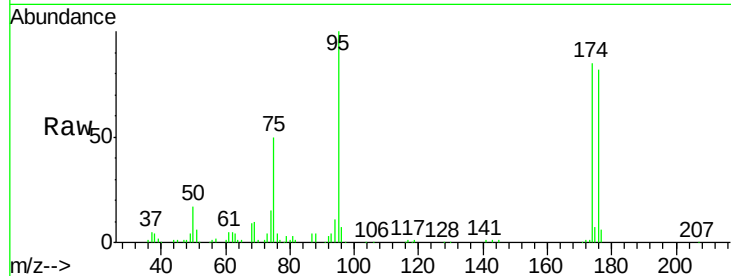




#62
4-Bromofluorobenzene
Concen: 50.963 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

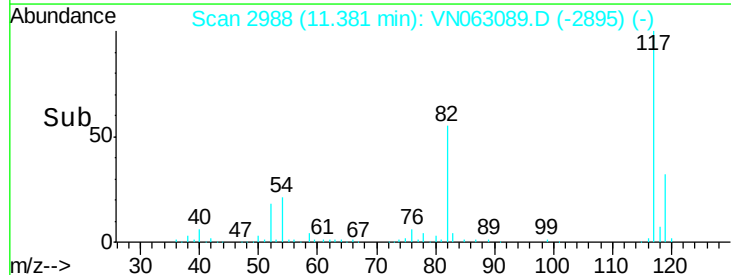
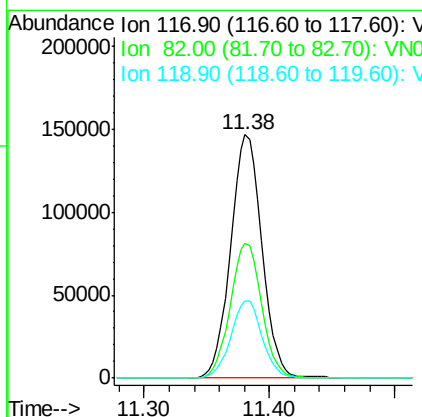
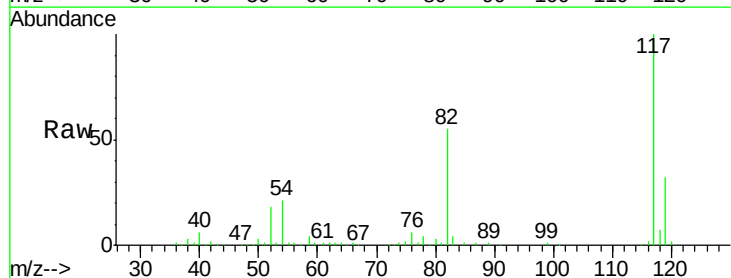
Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

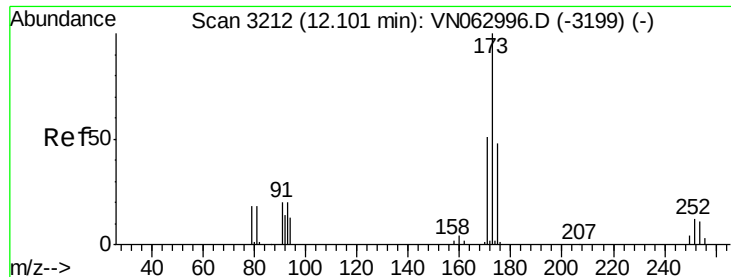
Tgt Ion: 95 Resp: 109257
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.8
176 83.8 0.0 164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

Tgt Ion: 117 Resp: 253904
Ion Ratio Lower Upper
117 100
82 55.5 44.5 66.7
119 31.9 25.5 38.3





#71

Bromoform

Concen: 0.633 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampleId :

VN0824WBL01

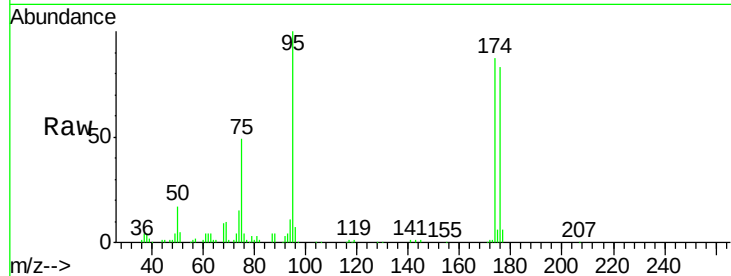
Tgt Ion:173 Resp: 1000

Ion Ratio Lower Upper

173 100

175 579.0 24.3 72.8#

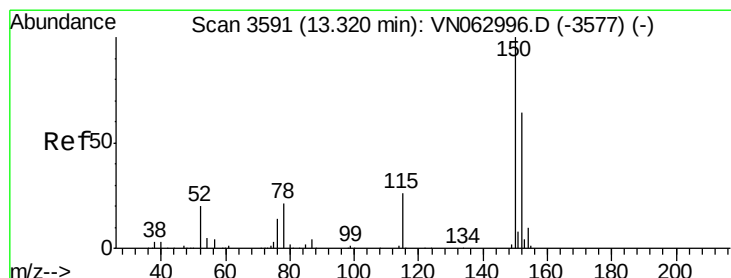
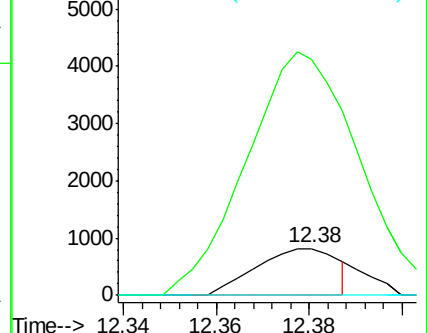
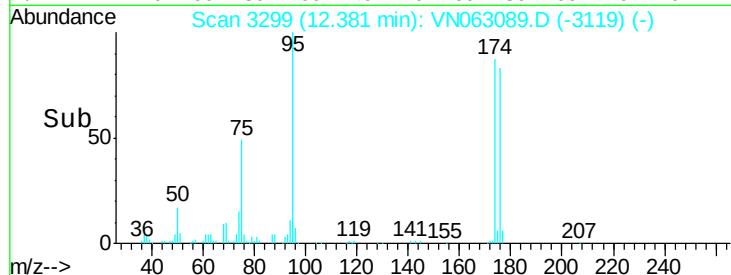
254 0.0 0.0 0.0



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: VN063089.D

Acq: 24 Aug 2020 12:39

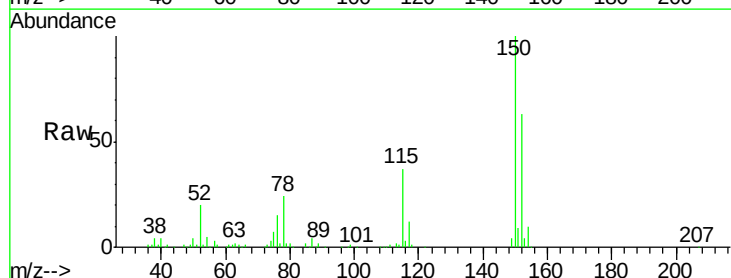
Tgt Ion:152 Resp: 101584

Ion Ratio Lower Upper

152 100

115 57.3 28.7 86.3

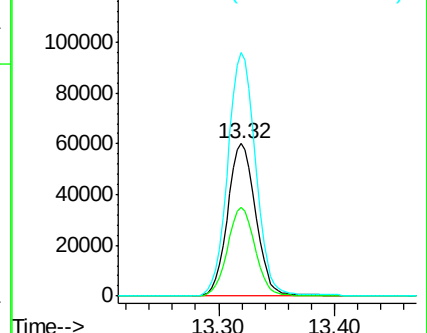
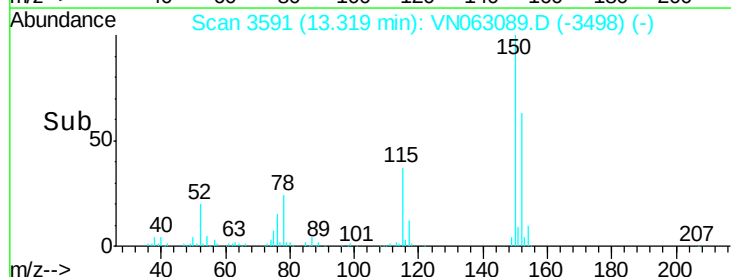
150 157.8 0.0 348.8

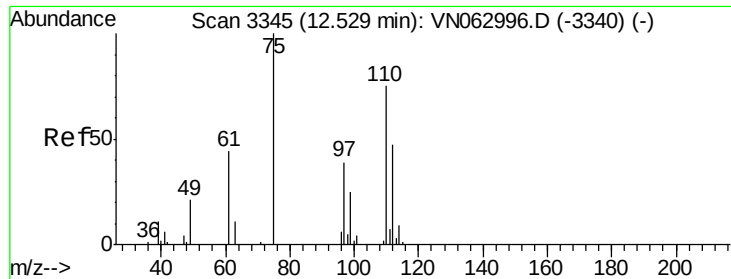


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.982 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

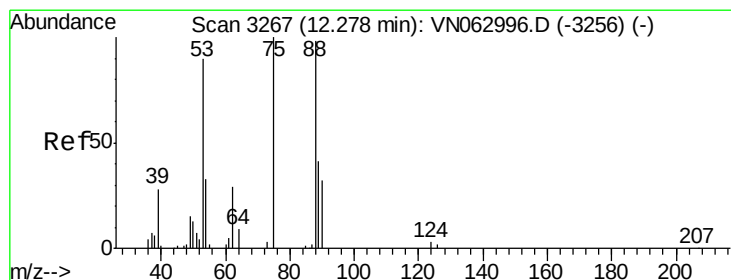
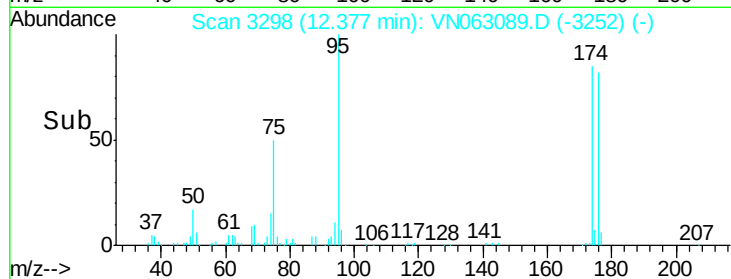
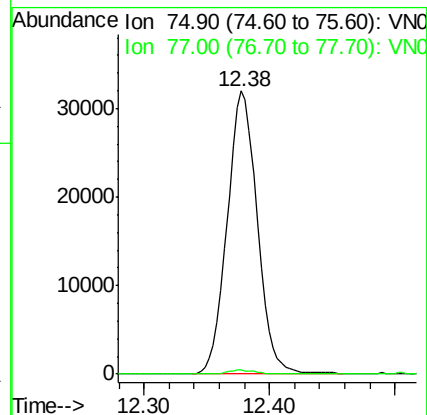
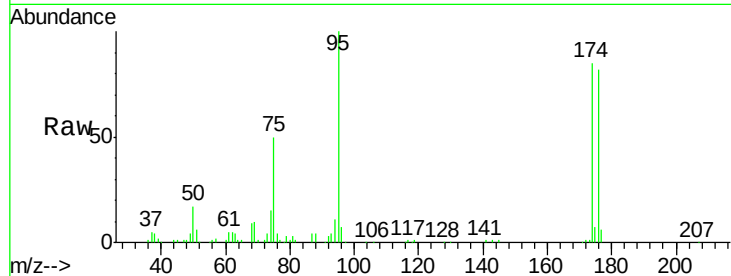
VN0824WBL01

Tgt Ion: 75 Resp: 53277

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.104 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

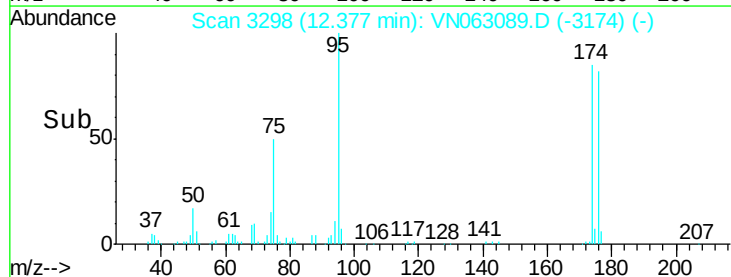
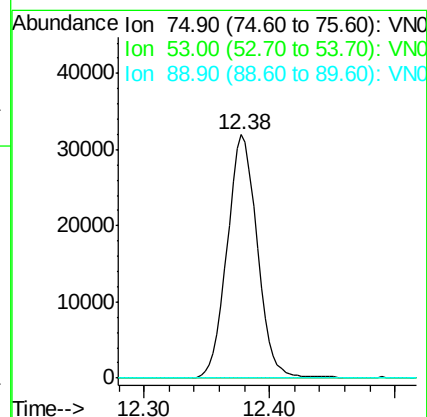
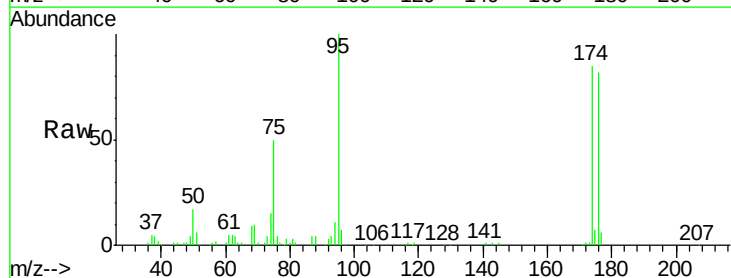
Tgt Ion: 75 Resp: 53277

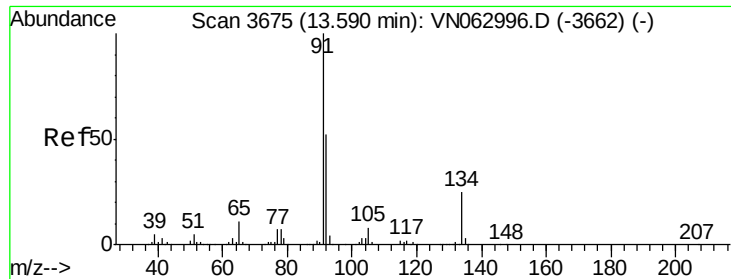
Ion Ratio Lower Upper

75 100

53 0.0 69.2 103.8#

89 0.0 34.2 51.4#





#89

n-Butylbenzene

Concen: 2.845 ug/l

RT: 13.60 min Scan# 3677

Delta R.T. 0.01 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

Instrument :

MSVOA_N

ClientSampled :

VN0824WBL01

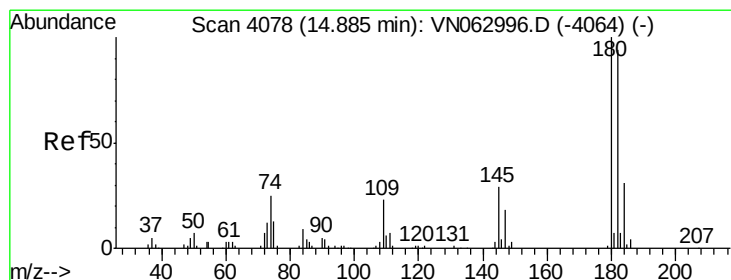
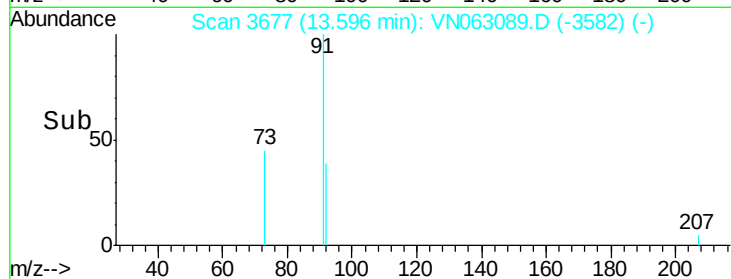
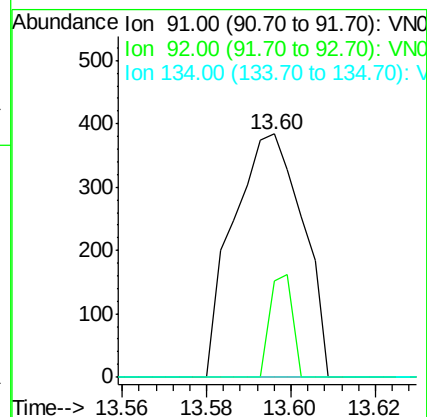
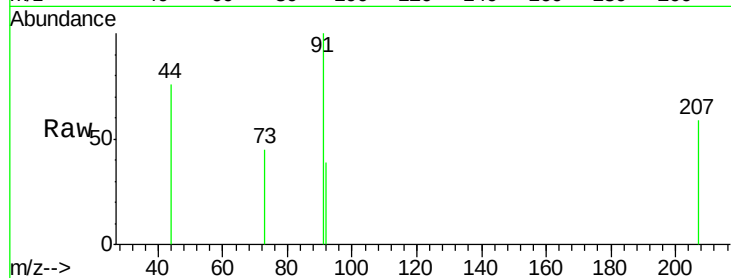
Tgt Ion: 91 Resp: 438

Ion Ratio Lower Upper

91 100

92 13.7 25.9 77.6#

134 0.0 12.4 37.0#



#93

1,2,4-Trichlorobenzene

Concen: 4.760 ug/l

RT: 14.89 min Scan# 4079

Delta R.T. 0.00 min

Lab File: VN063089.D

Acq: 24 Aug 2020 12:39

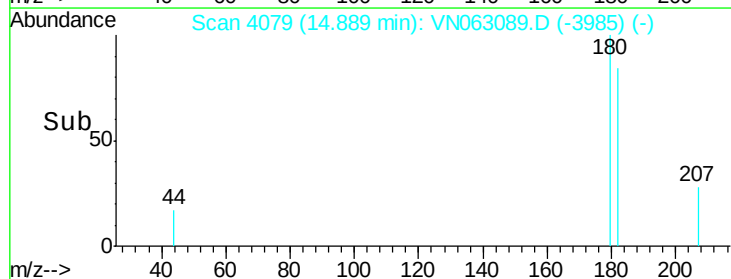
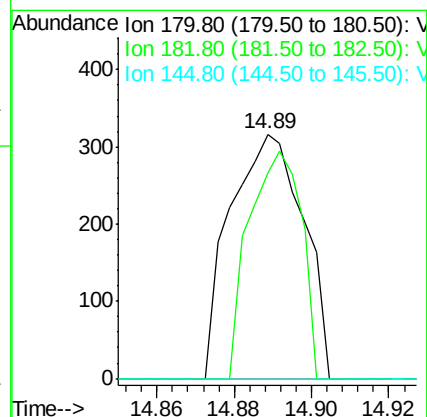
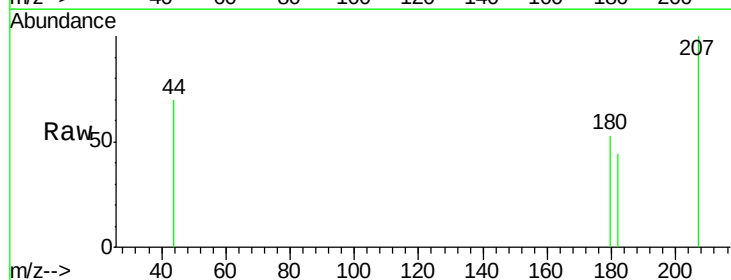
Tgt Ion: 180 Resp: 416

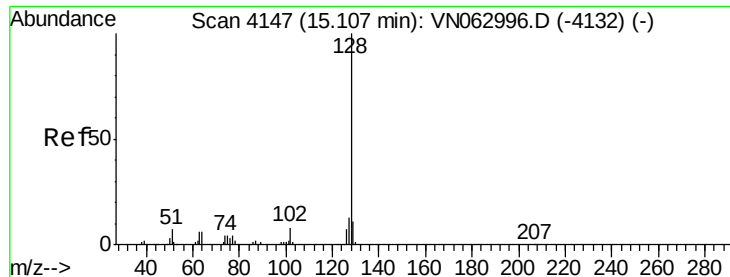
Ion Ratio Lower Upper

180 100

182 66.3 47.0 141.2

145 0.0 14.1 42.4#

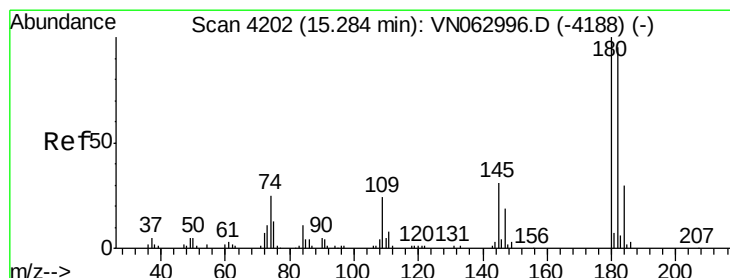
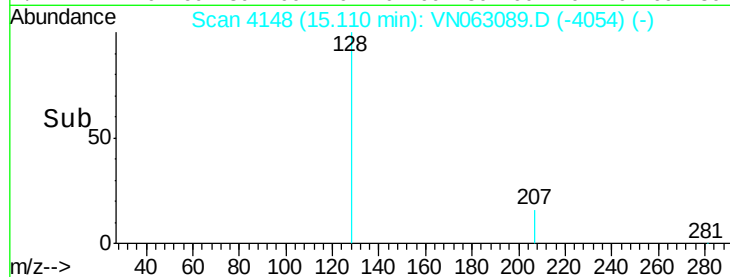
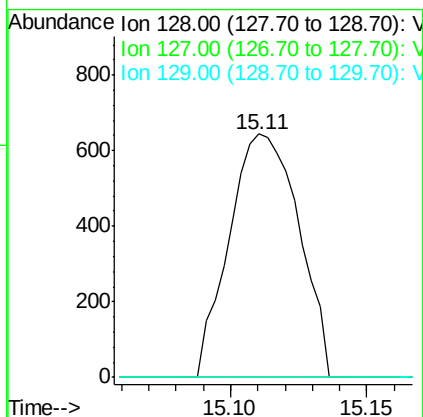
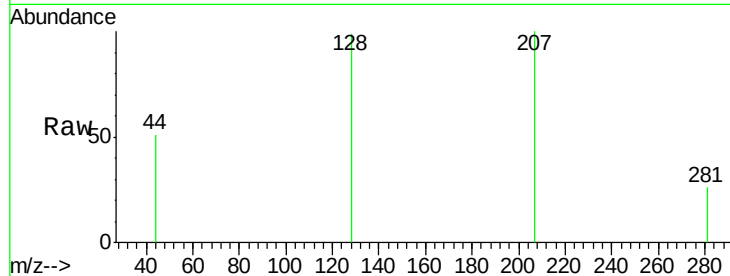




#95
Naphthalene
Concen: 5.892 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.00 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

Instrument :
MSVOA_N
ClientSampleId :
VN0824WBL01

Tgt Ion:128 Resp: 1141
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 4.210 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063089.D
Acq: 24 Aug 2020 12:39

Tgt Ion:180 Resp: 458
Ion Ratio Lower Upper
180 100
182 111.4 47.3 141.9
145 0.0 15.6 46.7#

