

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111120\
 Data File : VN064550.D
 Acq On : 11 Nov 2020 13:12
 Operator : JC/MD
 Sample : L4682-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-110920

Quant Time: Nov 12 01:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	247512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497492	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	518236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192260	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	238572	55.34	ug/l	0.00
Spiked Amount			Recovery	=	110.68%	
35) Dibromofluoromethane	7.55	113	177156	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
50) Toluene-d8	10.06	98	650448	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.38	95	242563	48.99	ug/l	0.00
Spiked Amount			Recovery	=	97.98%	

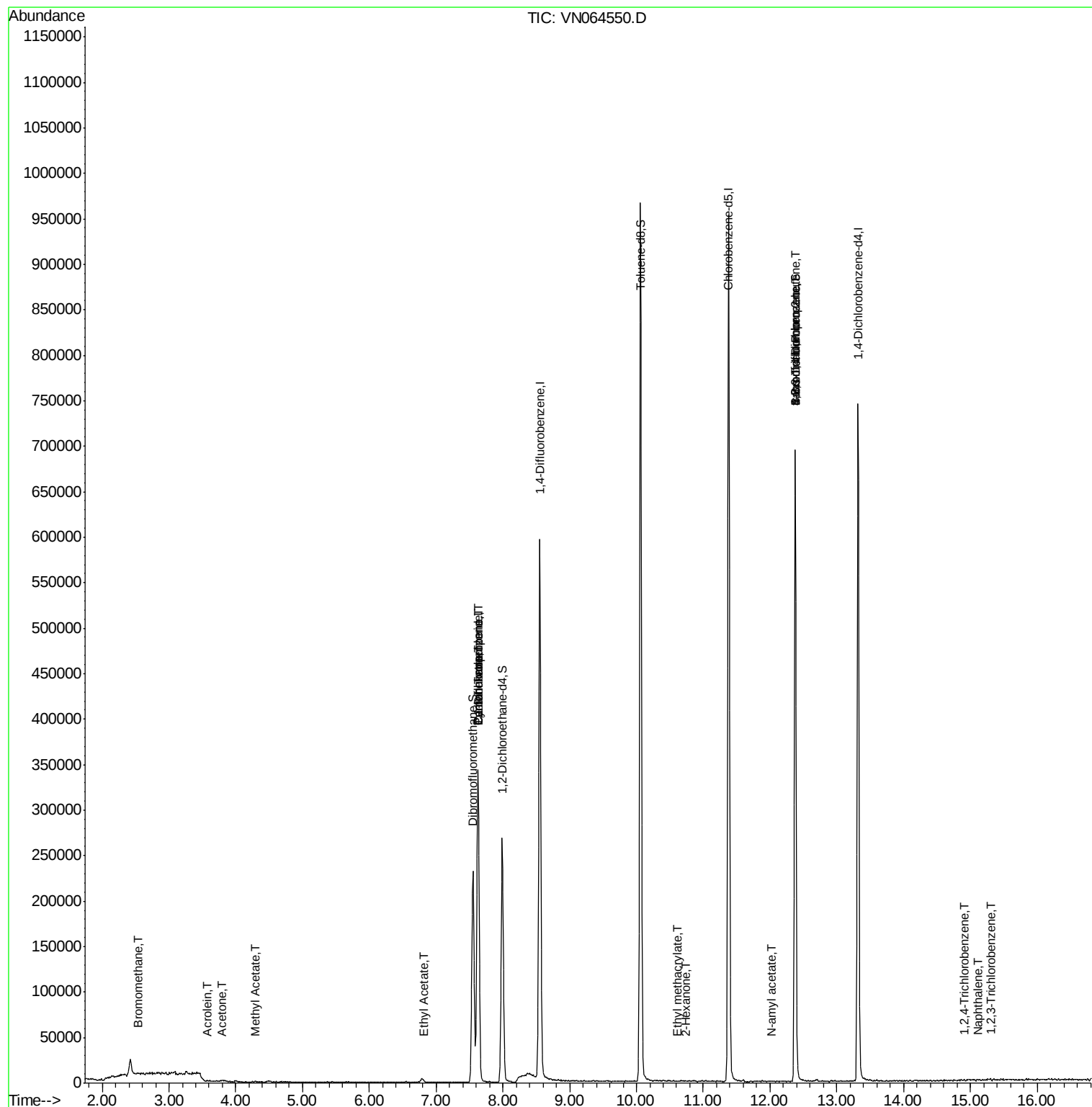
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	514	0.200	ug/l #	26
13) Acrolein	3.56	56	153	0.519	ug/l	98
16) Acetone	3.79	43	2435	1.483	ug/l	92
18) Methyl Acetate	4.29	43	808	0.250	ug/l #	55
31) Cyclohexane	7.63	56	6475	1.235	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	24131	4.591	ug/l #	51
37) Ethyl Acetate	6.83	43	33	0.768	ug/l #	71
38) Carbon Tetrachloride	7.63	117	29360	5.227	ug/l #	17
56) Ethyl methacrylate	10.62	69	30	1.846	ug/l #	1
59) 2-Hexanone	10.74	43	137	4.061	ug/l #	28
71) Bromoform	12.37	173	295	1.365	ug/l #	1
74) N-amyl acetate	12.03	43	253	1.248	ug/l #	68
76) 1,2,3-Trichloropropane	12.38	75	135935	29.181	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	135935	81.477	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.90	180	75	2.687	ug/l #	2
95) Naphthalene	15.12	128	646	3.680	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	303	2.871	ug/l #	38

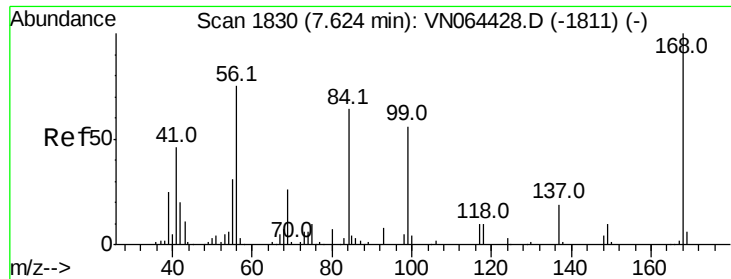
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 12 01:31:39 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 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: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

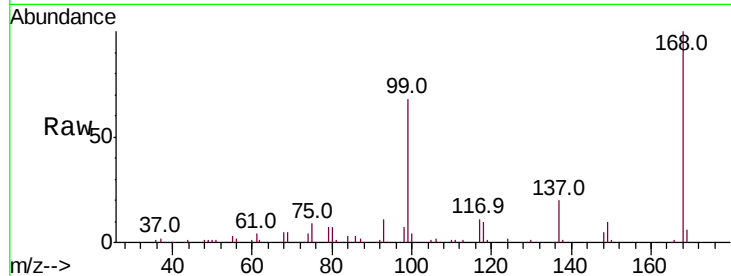
TRIP-BLANK-110920

Tot Ion:168 Resp: 247512

Ion Ratio Lower Upper

168 100

99 67.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.63

120000

100000

80000

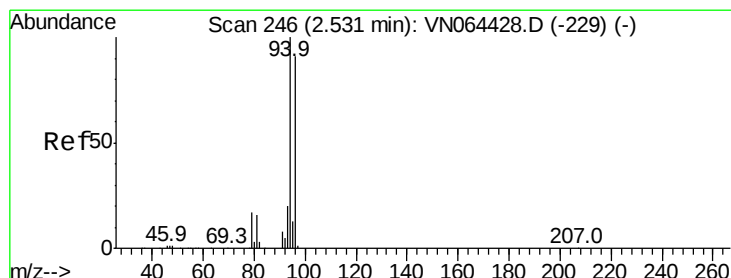
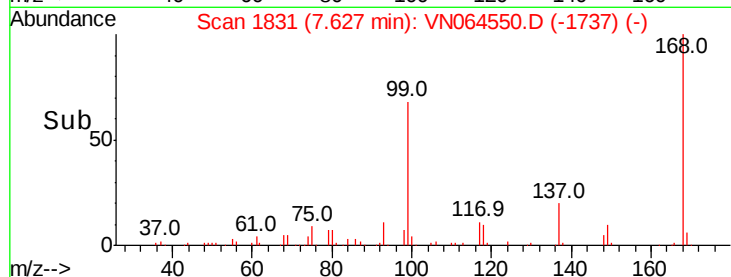
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#5

Bromomethane

Concen: 0.200 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064550.D

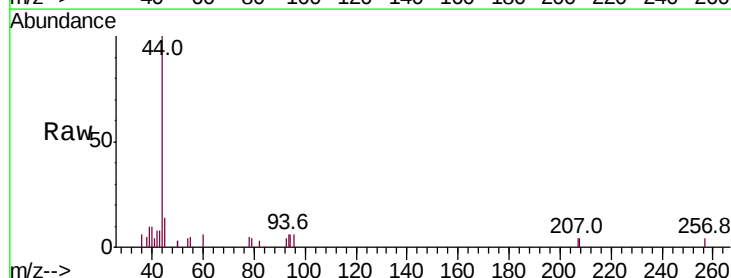
Acq: 11 Nov 2020 13:12

Tgt Ion: 94 Resp: 514

Ion Ratio Lower Upper

94 100

96 21.2 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VN064428.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN064428.D (-229) (-)

2.54

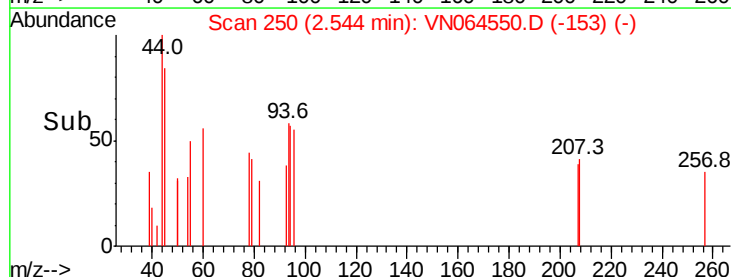
600

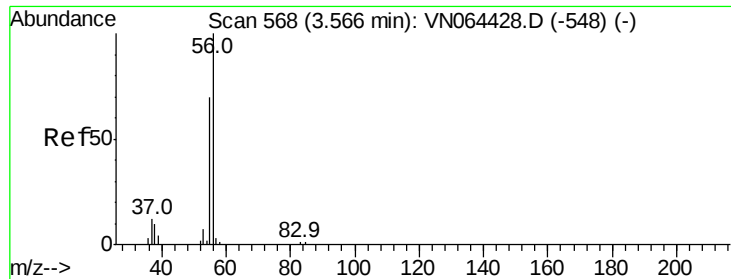
400

200

0

Time--> 2.52 2.54 2.56





#13

Acrolein

Concen: 0.519 ug/l

RT: 3.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

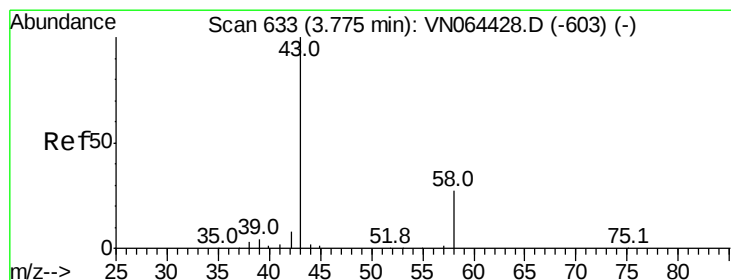
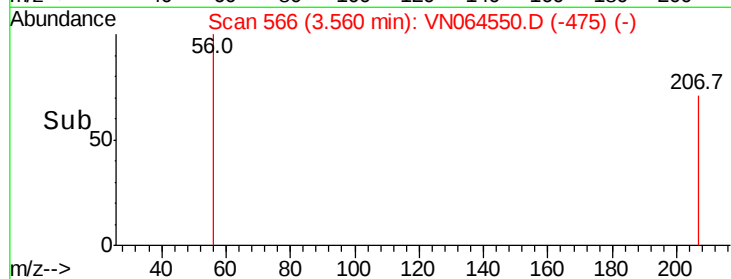
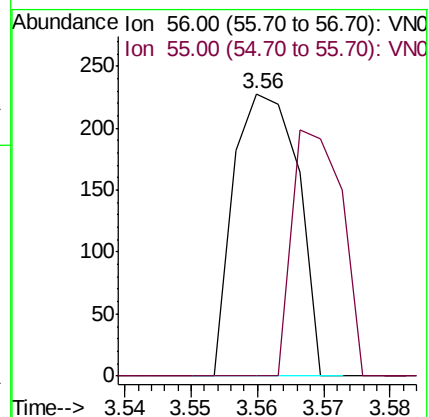
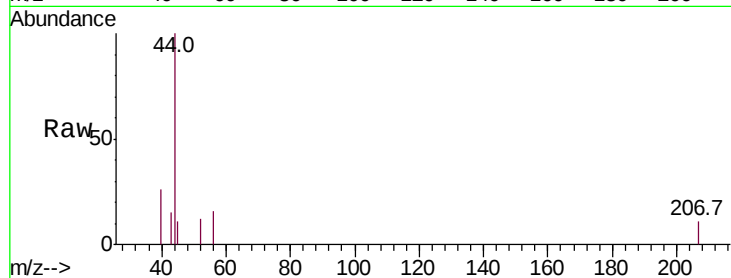
TRIP-BLANK-110920

Tot Ion: 56 Resp: 153

Ion Ratio Lower Upper

56 100

55 68.0 55.9 83.9



#16

Acetone

Concen: 1.483 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064550.D

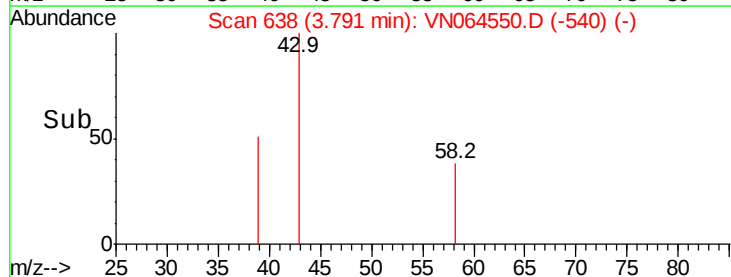
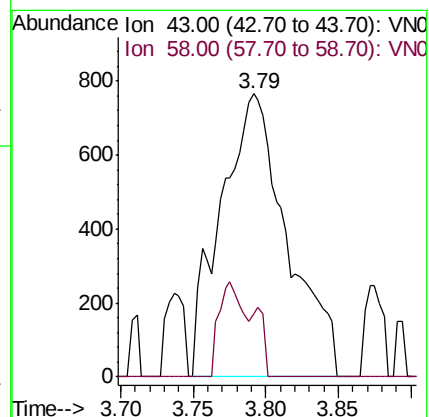
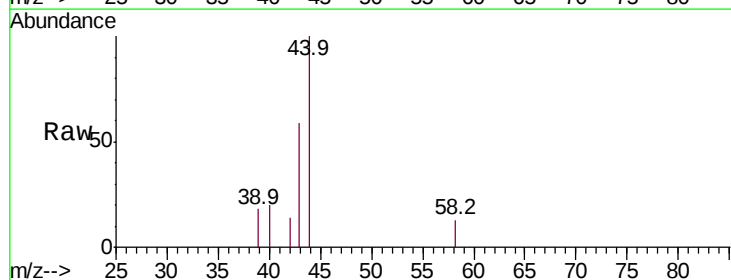
Acq: 11 Nov 2020 13:12

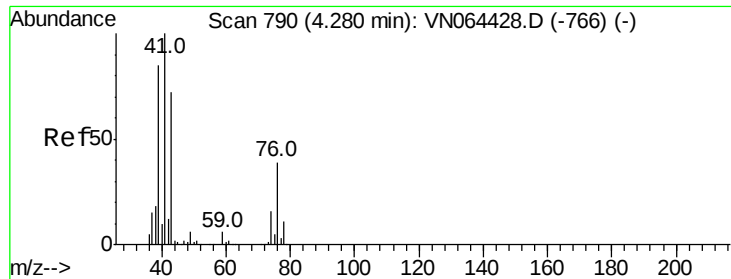
Tgt Ion: 43 Resp: 2435

Ion Ratio Lower Upper

43 100

58 22.5 21.4 32.0

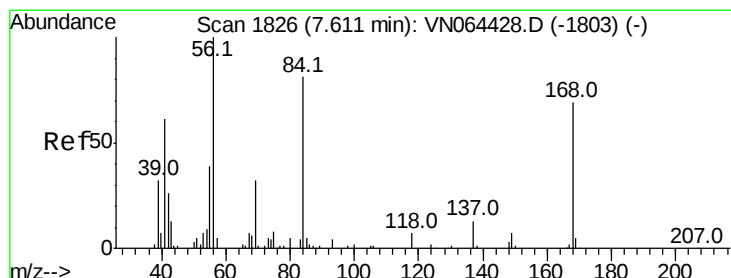
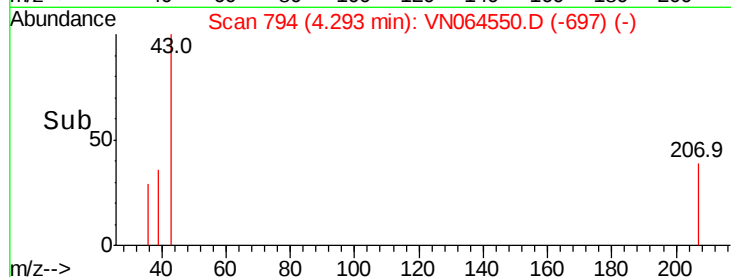
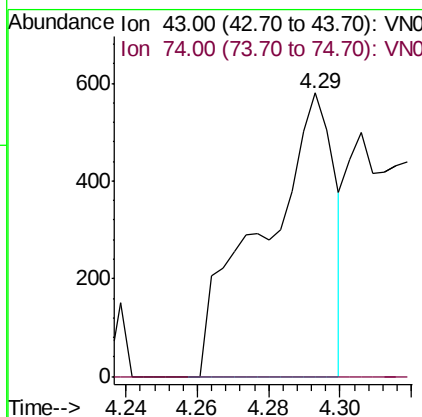
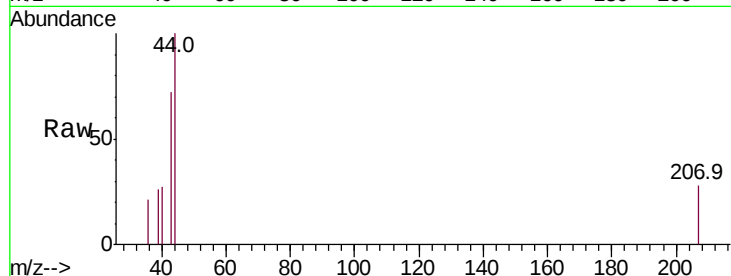




#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 4.29 min Scan# 794
Delta R.T. 0.01 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

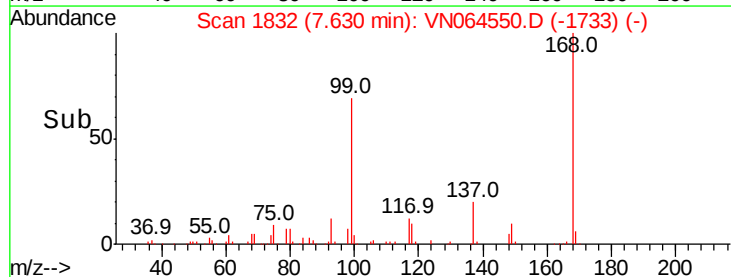
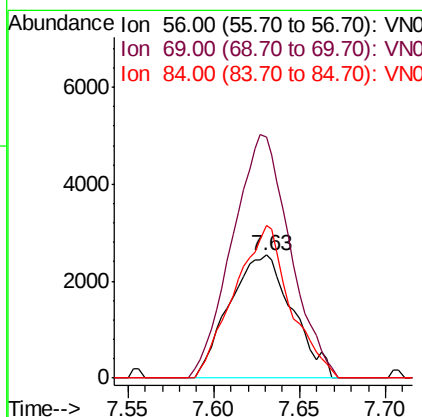
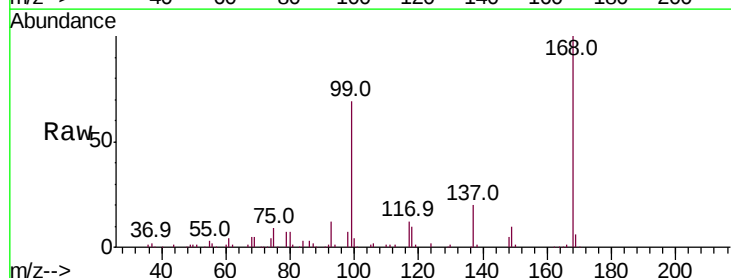
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-110920

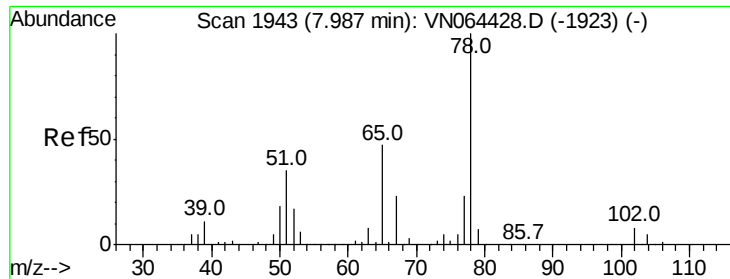
Tot Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.235 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

Tgt Ion: 56 Resp: 6475
Ion Ratio Lower Upper
56 100
69 195.9 25.6 38.4#
84 124.7 63.0 94.6#

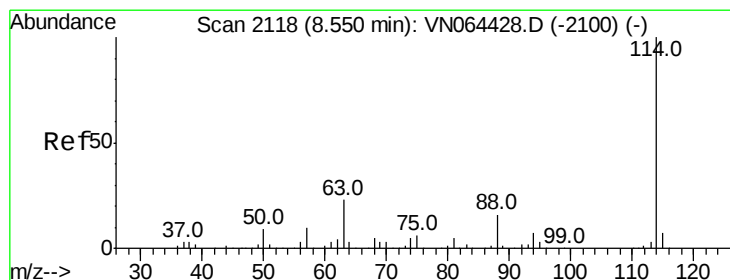
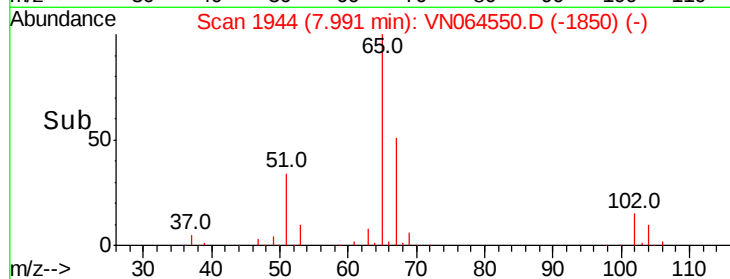
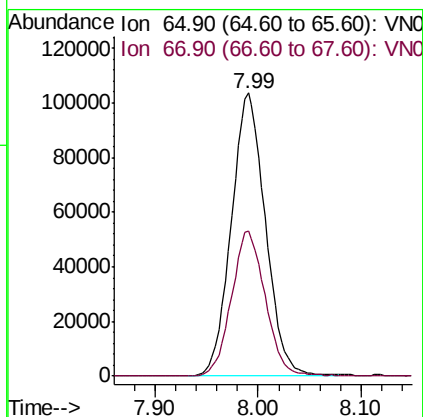
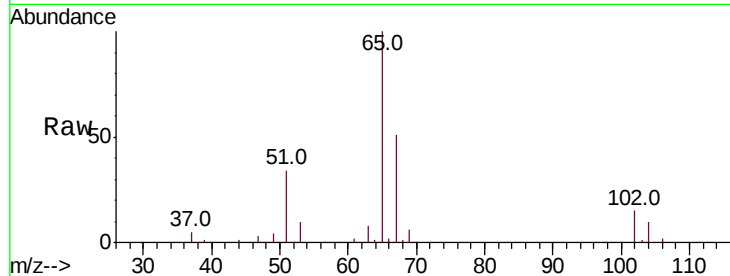




#33
 1,2-Dichloroethane-d4
 Concen: 55.337 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

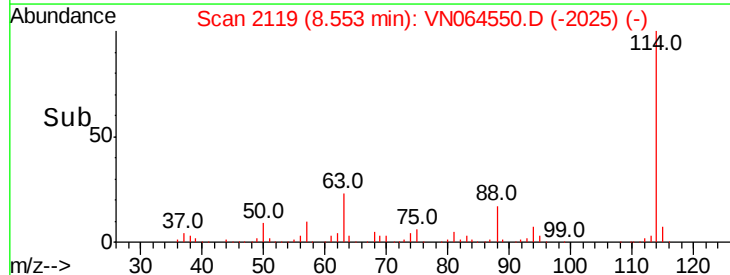
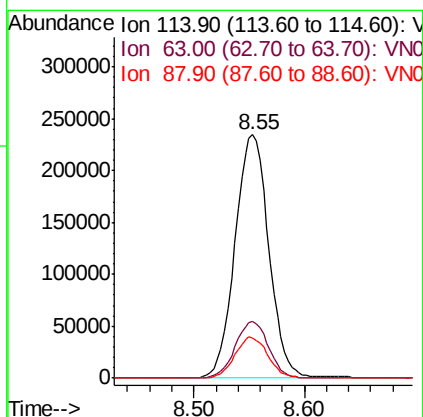
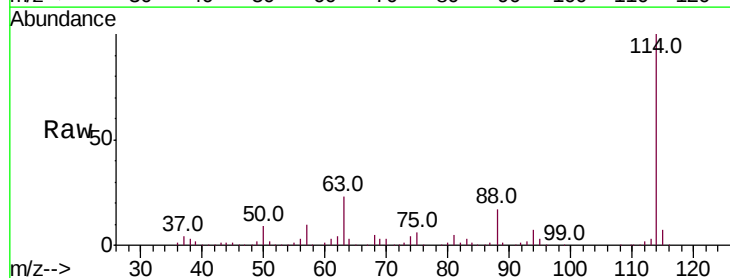
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-110920

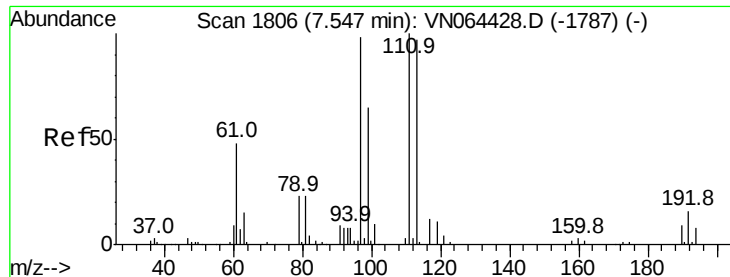
Tot Ion: 65 Resp: 238572
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

Tgt Ion: 114 Resp: 497492
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.5 0.0 32.8

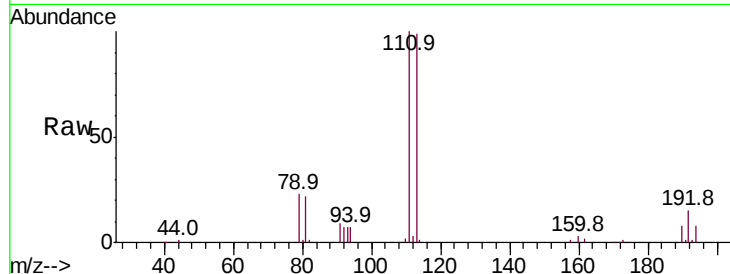




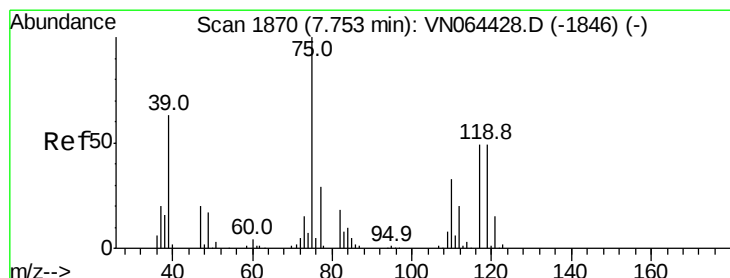
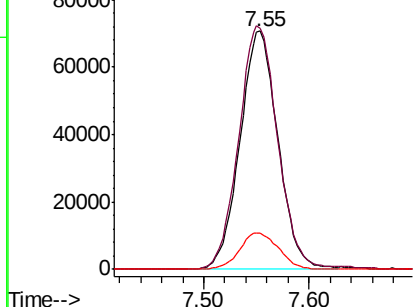
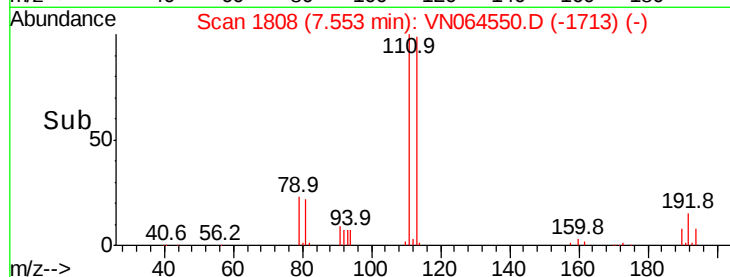
#35
 Dibromofluoromethane
 Concen: 52.301 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-110920

Tot Ion:113 Resp: 177156
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.1 121.7
 192 15.8 12.8 19.2

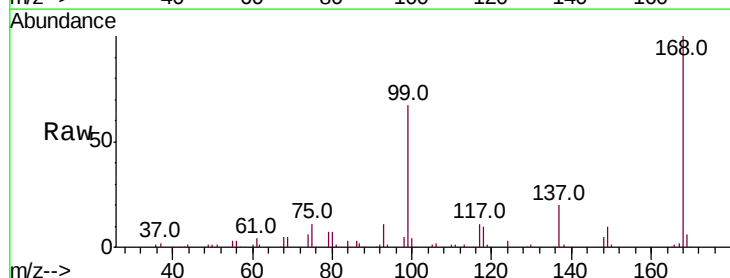


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

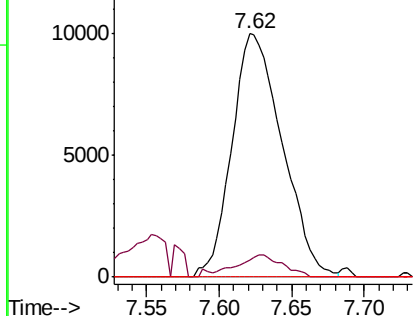
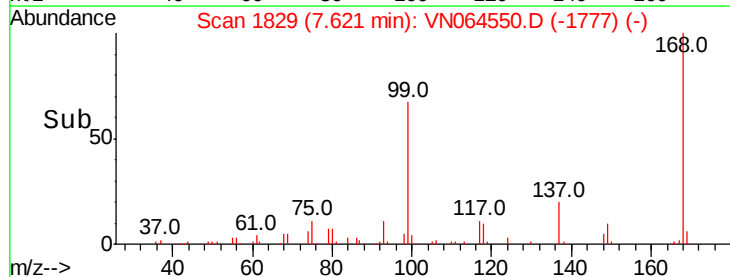


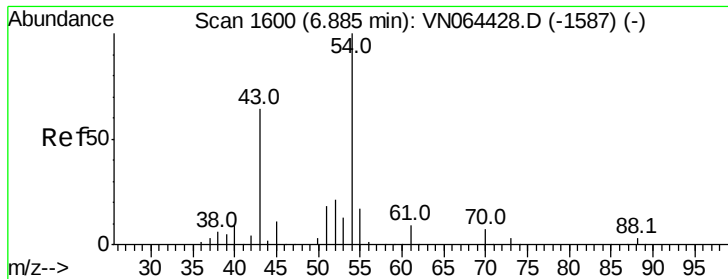
#36
 1,1-Dichloropropene
 Concen: 4.591 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

Tgt Ion: 75 Resp: 24131
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.0 48.0#
 77 0.0 24.0 36.0#



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





#37

Ethyl Acetate

Concen: 0.768 ug/l

RT: 6.83 min Scan# 1583

Delta R.T. -0.05 min

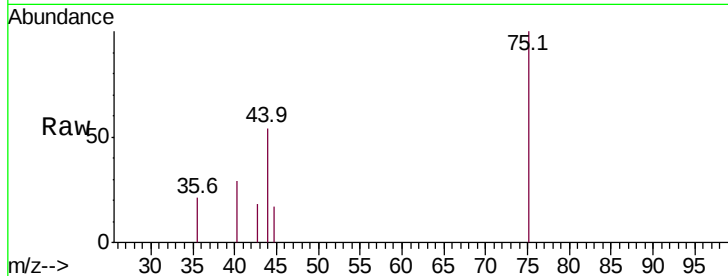
Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-110920

Tot Ion: 43 Resp: 33

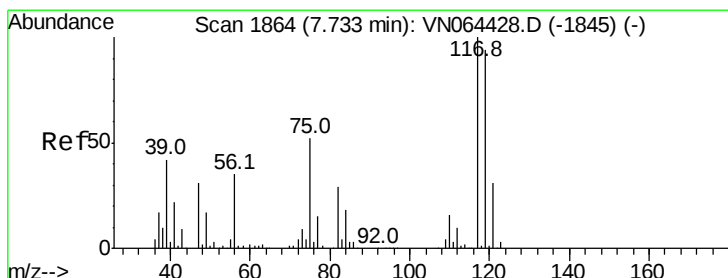
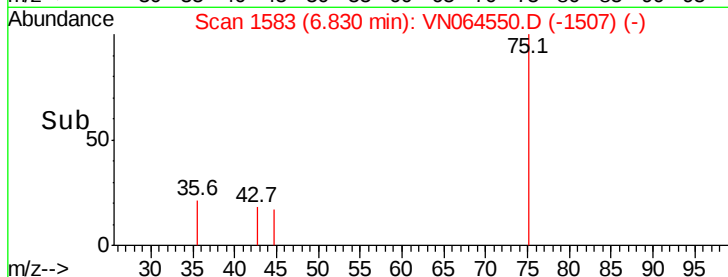
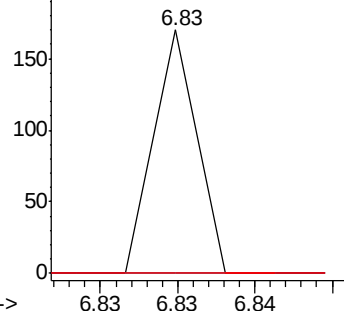
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN064428.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 5.227 ug/l

RT: 7.63 min Scan# 1832

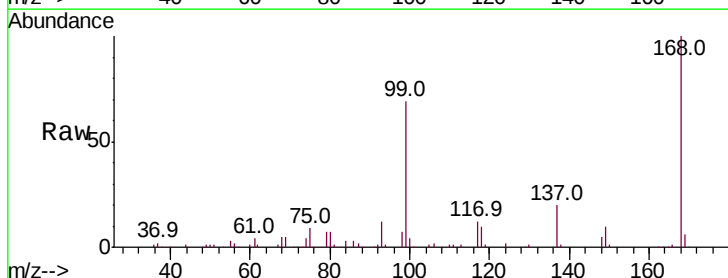
Delta R.T. -0.10 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Tgt Ion: 117 Resp: 29360

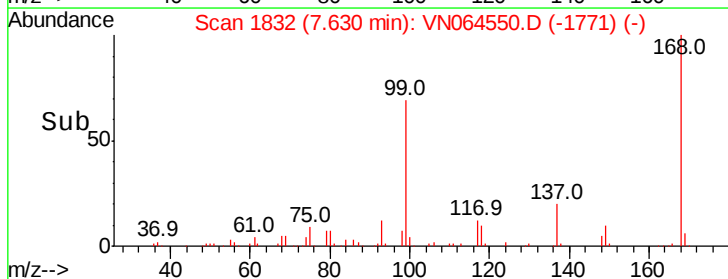
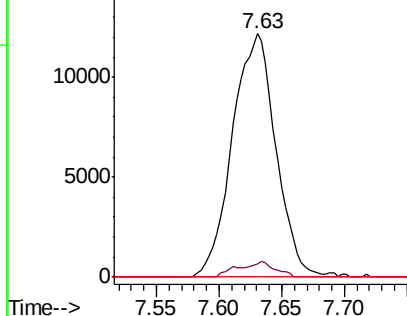
Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.5	113.3#
121	0.0	24.4	36.6#

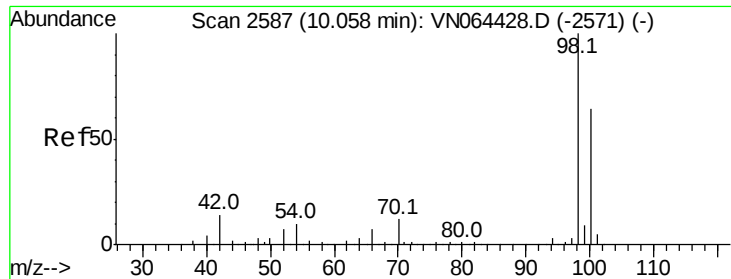


Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN064428.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN064428.D (-1845) (-)





#50

Toluene-d8

Concen: 49.684 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

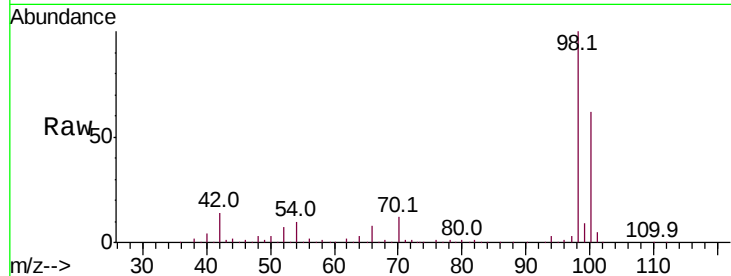
TRIP-BLANK-110920

Tot Ion: 98 Resp: 650448

Ion Ratio Lower Upper

98 100

100 62.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.06

400000

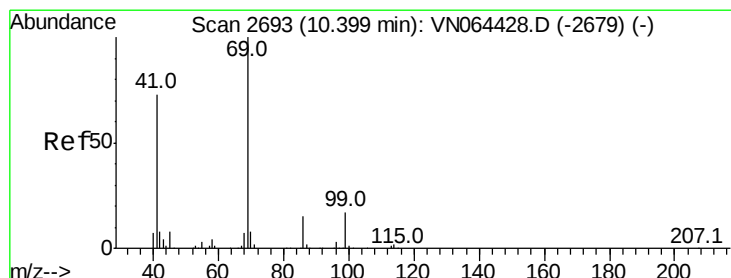
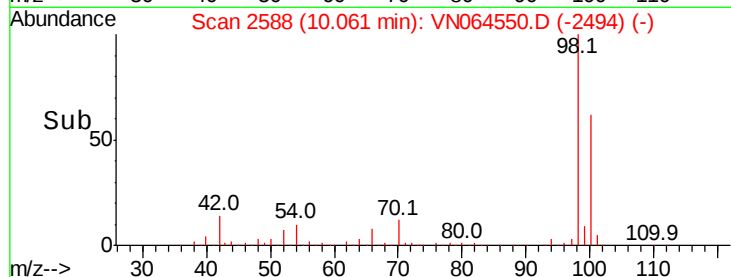
300000

200000

100000

0

Time-->



#56

Ethyl methacrylate

Concen: 1.846 ug/l

RT: 10.62 min Scan# 2761

Delta R.T. 0.22 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

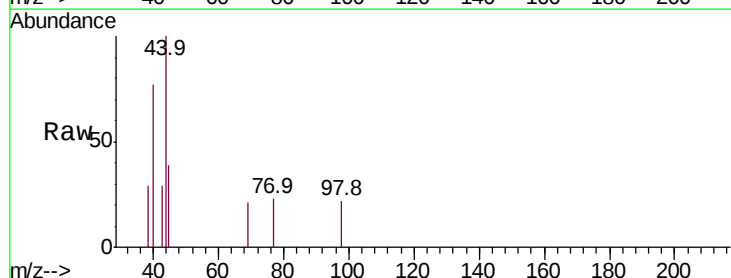
Tgt Ion: 69 Resp: 30

Ion Ratio Lower Upper

69 100

41 0.0 59.3 88.9#

39 126.7 35.4 53.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

250

200

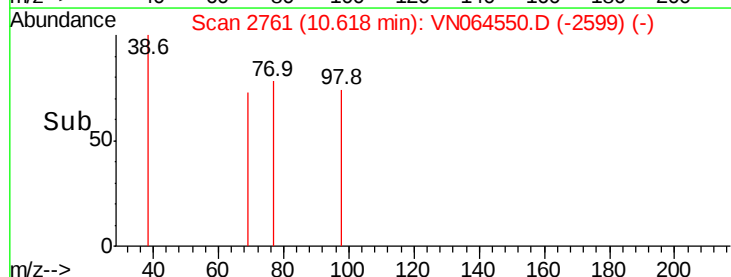
150

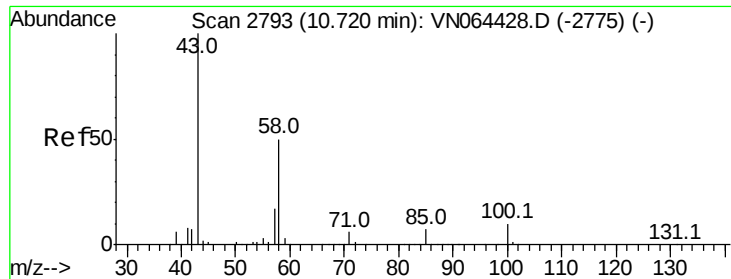
100

50

0

Time-->

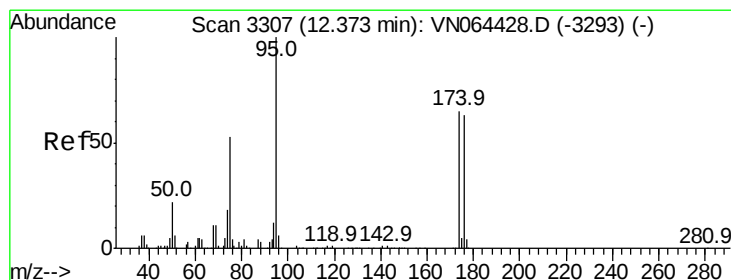
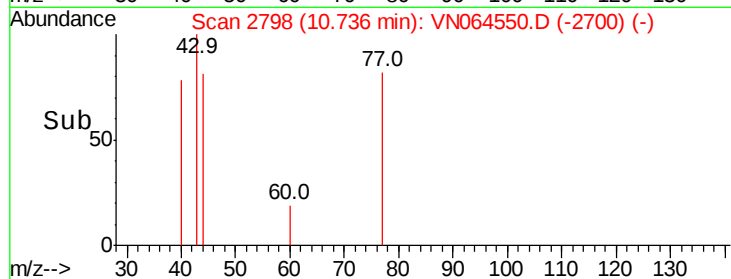
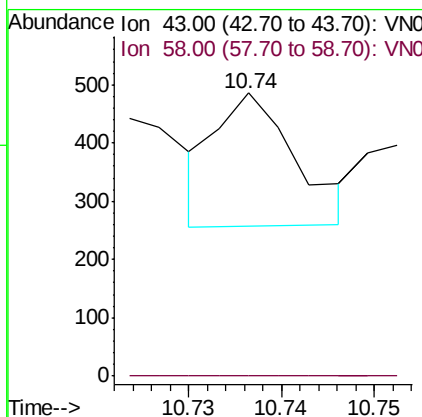
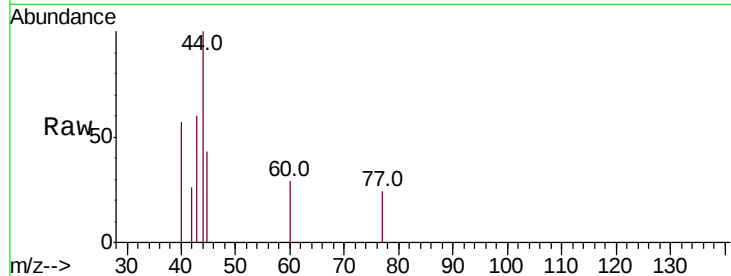




#59
2-Hexanone
Concen: 4.061 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

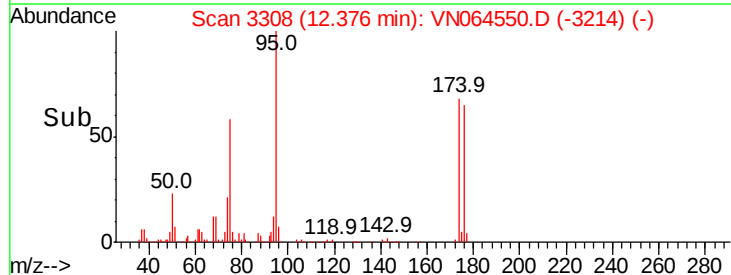
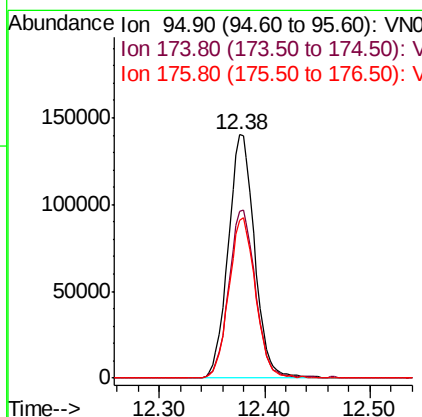
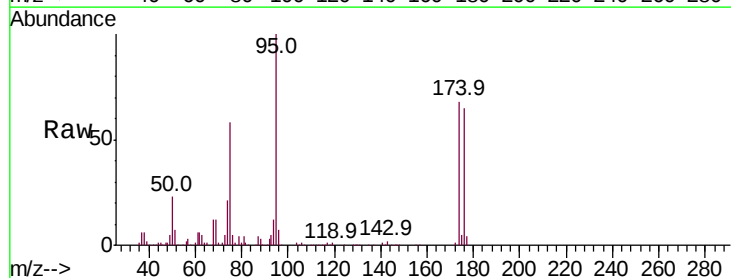
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-110920

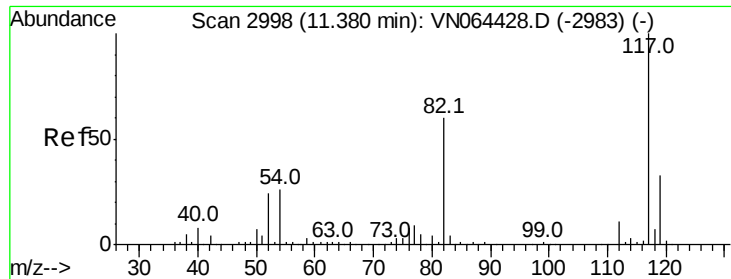
Tot Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 48.992 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

Tgt Ion: 95 Resp: 242563
Ion Ratio Lower Upper
95 100
174 69.7 0.0 132.6
176 66.6 0.0 129.2

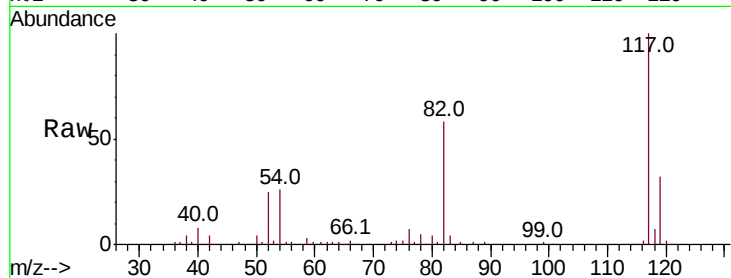




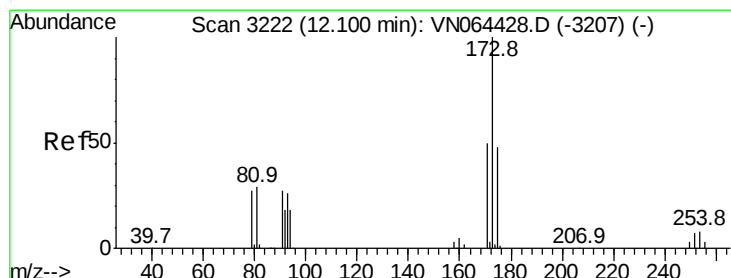
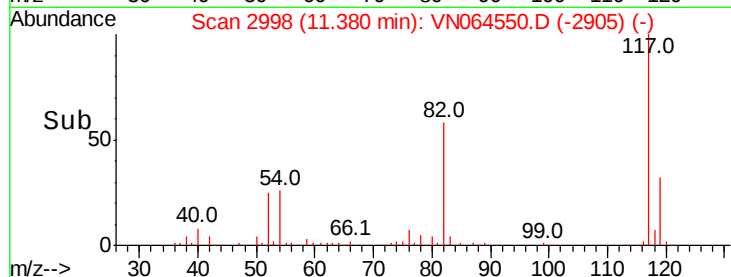
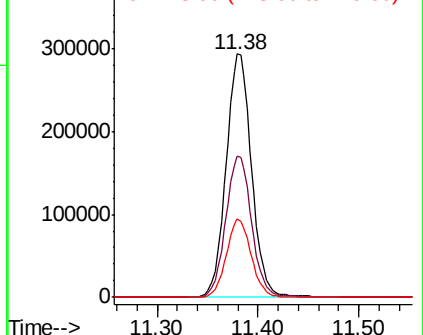
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-110920

Tot Ion:117 Resp: 518236
Ion Ratio Lower Upper
117 100
82 57.9 48.1 72.1
119 32.0 26.2 39.4

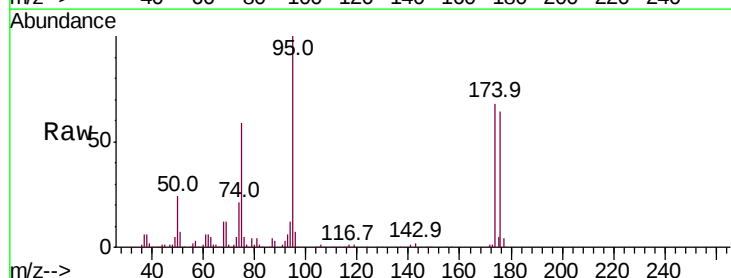


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

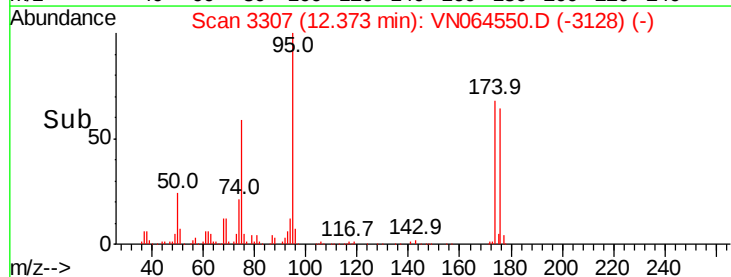
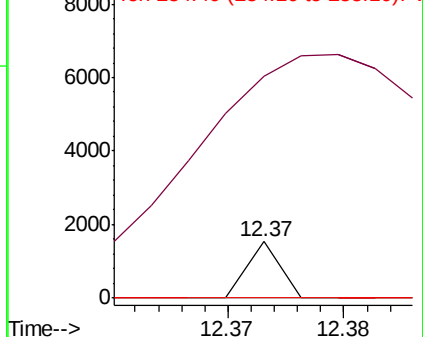


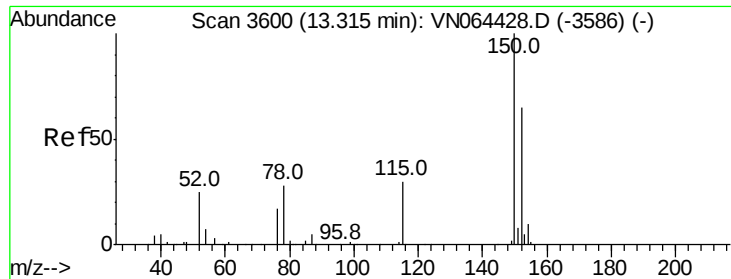
#71
Bromoform
Concen: 1.365 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064550.D
Acq: 11 Nov 2020 13:12

Tgt Ion:173 Resp: 295
Ion Ratio Lower Upper
173 100
175 2964.4 23.7 71.1#
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# 3601

Delta R.T. 0.00 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK-110920

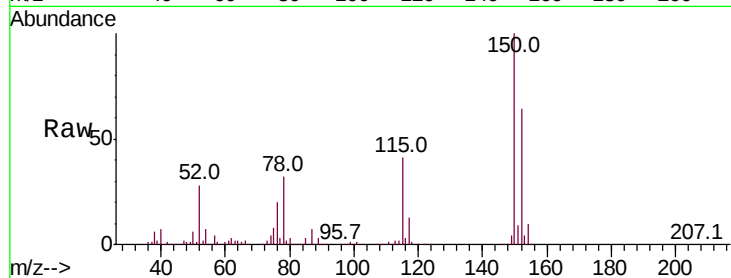
Tot Ion:152 Resp: 192260

Ion Ratio Lower Upper

152 100

115 63.8 32.0 96.0

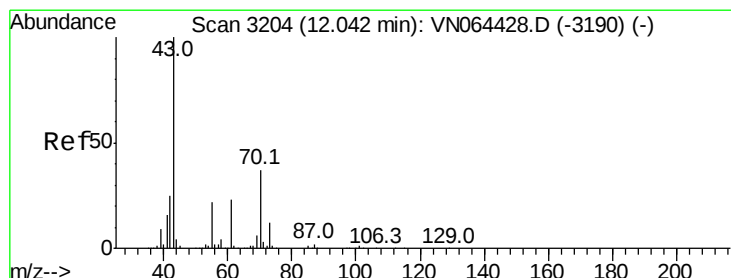
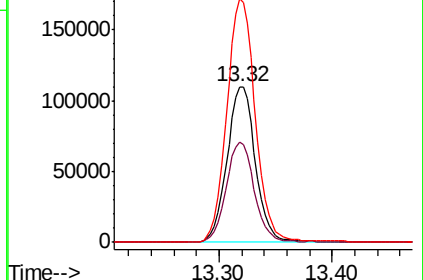
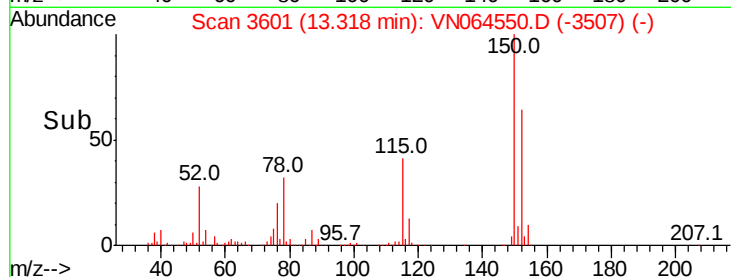
150 156.5 0.0 353.8



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



#74

N-ethyl acetate

Concen: 1.248 ug/l

RT: 12.03 min Scan# 3199

Delta R.T. -0.02 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Tgt Ion: 43 Resp: 253

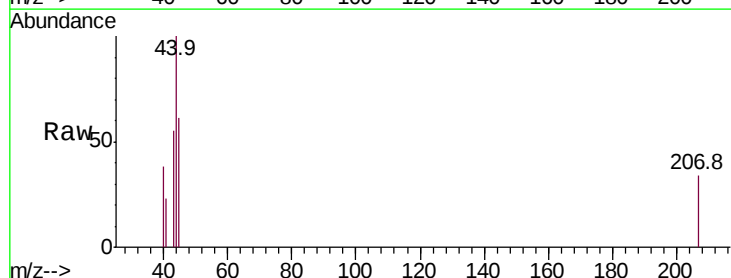
Ion Ratio Lower Upper

43 100

70 29.2 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#

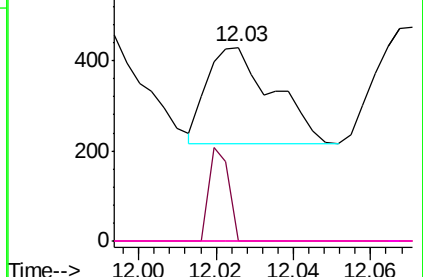
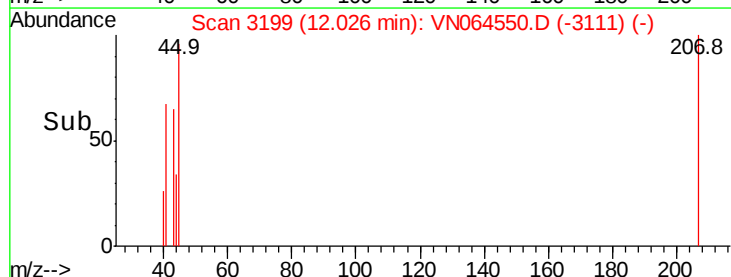


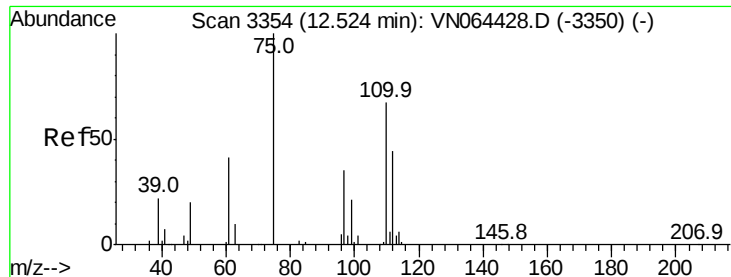
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 29.181 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

Instrument :

MSVOA_N

ClientSampleId :

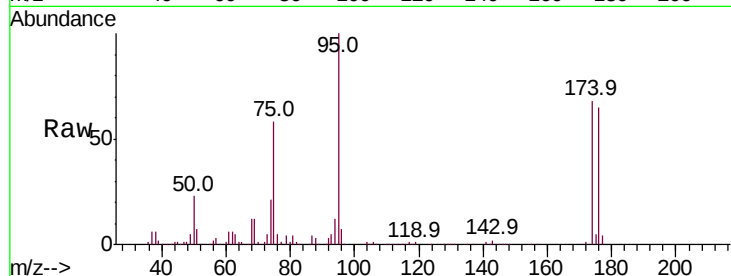
TRIP-BLANK-110920

Tot Ion: 75 Resp: 135935

Ion Ratio Lower Upper

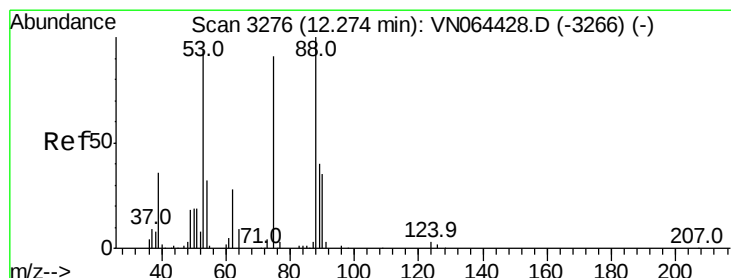
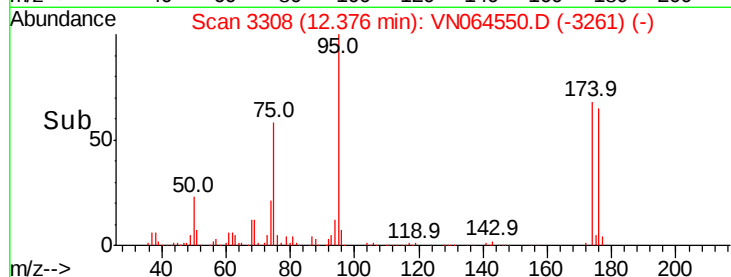
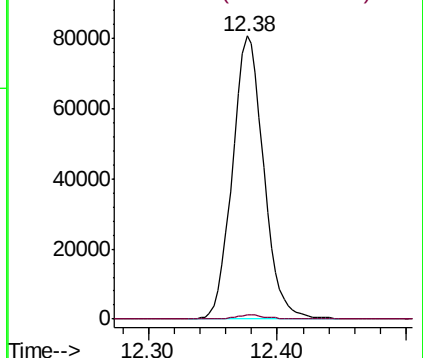
75 100

77 1.4 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: 81.477 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064550.D

Acq: 11 Nov 2020 13:12

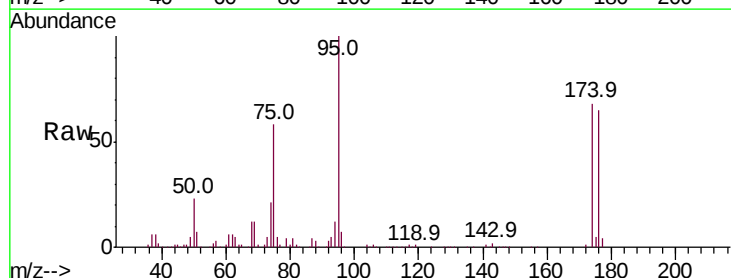
Tgt Ion: 75 Resp: 135935

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

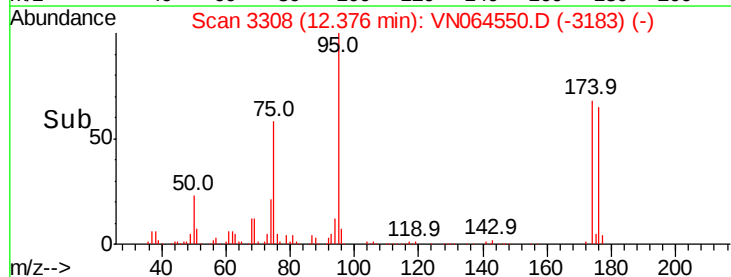
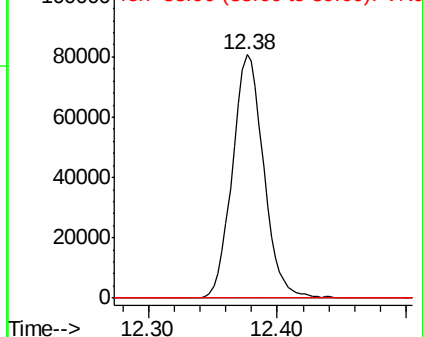
89 0.1 36.3 54.5#

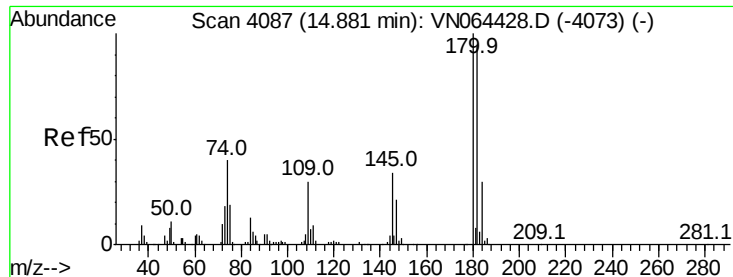


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

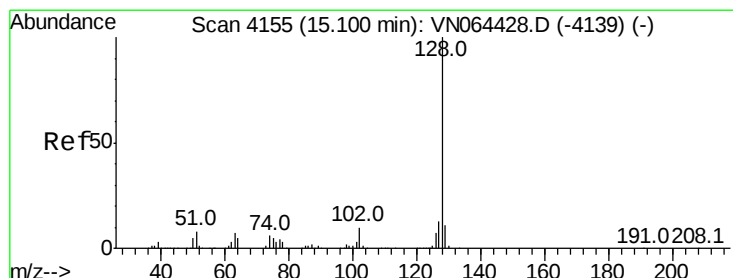
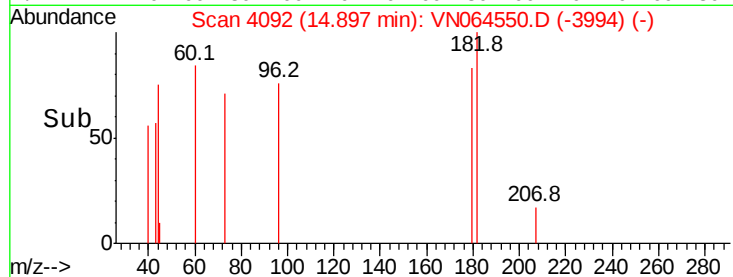
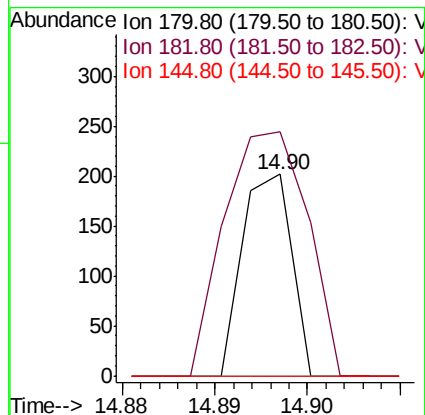
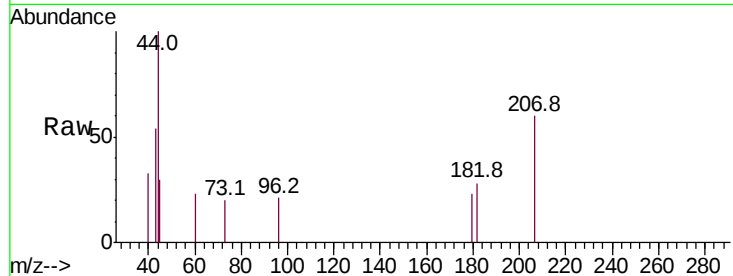




#93
 1,2,4-Trichlorobenzene
 Concen: 2.687 ug/l
 RT: 14.90 min Scan# 4092
 Delta R.T. 0.02 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

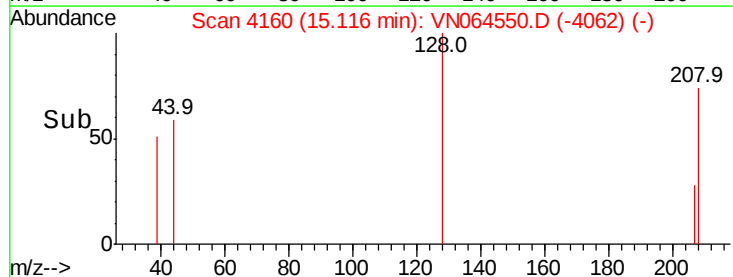
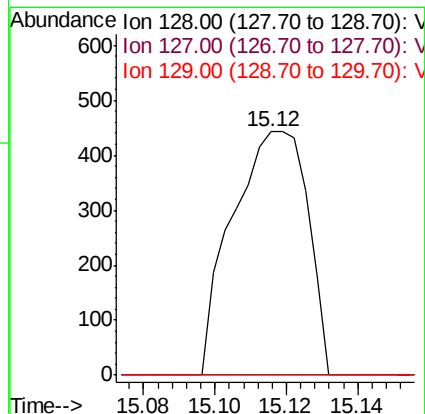
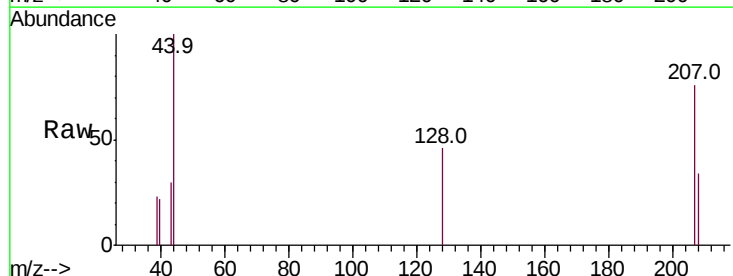
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-110920

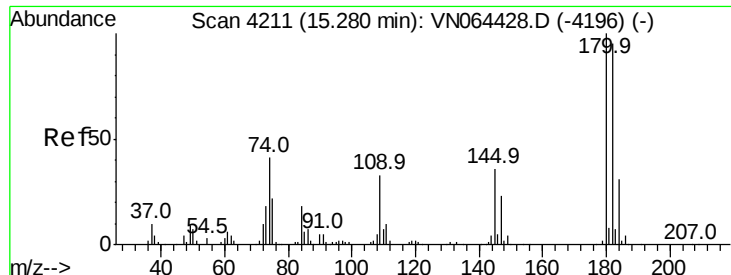
Tot Ion:180 Resp: 75
 Ion Ratio Lower Upper
 180 100
 182 202.7 47.3 142.0#
 145 0.0 16.7 50.1#



#95
 Naphthalene
 Concen: 3.680 ug/l
 RT: 15.12 min Scan# 4160
 Delta R.T. 0.02 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

Tgt Ion:128 Resp: 646
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.5 15.7#
 129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.871 ug/l
 RT: 15.30 min Scan# 4217
 Delta R.T. 0.02 min
 Lab File: VN064550.D
 Acq: 11 Nov 2020 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-110920

Tot Ion:180 Resp: 303
 Ion Ratio Lower Upper
 180 100
 182 34.7 47.7 143.1#
 145 0.0 18.3 54.8#

