

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064656.D
 Acq On : 16 Nov 2020 12:26
 Operator : JC/MD
 Sample : L4682-02
 Misc : 5.63g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

Quant Time: Nov 17 03:42:26 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	7.62	168	212196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	427702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	210092	56.84	ug/l	0.00
Spiked Amount			Recovery	=	113.68%	
35) Dibromofluoromethane	7.55	113	149045	51.18	ug/l	0.00
Spiked Amount			Recovery	=	102.36%	
50) Toluene-d8	10.06	98	552332	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.38	95	286905	67.40	ug/l	0.00
Spiked Amount			Recovery	=	134.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.56	94	646	0.293	ug/l #	42
11) Tert butyl alcohol	4.69	59	2244	5.505	ug/l #	71
13) Acrolein	3.67	56	76	0.301	ug/l #	15
16) Acetone	3.78	43	1055	0.749	ug/l #	89
18) Methyl Acetate	4.28	43	1036	0.374	ug/l #	55
20) Methylene Chloride	4.50	84	655	0.234	ug/l #	65
29) Tetrahydrofuran	7.18	42	1489	1.353	ug/l #	63
31) Cyclohexane	7.62	56	7070	1.574	ug/l #	27
36) 1,1-Dichloropropene	7.62	75	20905	4.627	ug/l #	53
37) Ethyl Acetate	6.89	43	110	0.786	ug/l #	71
38) Carbon Tetrachloride	7.62	117	23786	4.926	ug/l #	19
39) Methylcyclohexane	9.05	83	5664	1.398	ug/l	90
43) Isopropyl Acetate	8.21	43	2834	0.387	ug/l #	64
51) 4-Methyl-2-Pentanone	10.06	43	4755	1.114	ug/l #	1
52) Toluene	10.12	92	1944	0.240	ug/l #	71
55) 1,1,2-Trichloroethane	10.50	97	9622	3.047	ug/l #	18
56) Ethyl methacrylate	10.40	69	4609	2.695	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.84	63	62	21.561	ug/l #	51
59) 2-Hexanone	10.69	43	51090	18.464	ug/l #	31
61) 1,2-Dibromoethane	10.97	107	783	0.244	ug/l #	1
67) Ethyl Benzene	11.48	91	31988	1.762	ug/l	95
68) m/p-Xylenes	11.60	106	57360	8.713	ug/l	98
69) o-Xylene	11.92	106	7993	1.256	ug/l	31
71) Bromoform	12.25	173	37	1.288	ug/l #	29
73) Isopropylbenzene	12.22	105	199882	9.337	ug/l	99
74) N-amyl acetate	12.02	43	578467	55.575	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.46	83	31127	4.734	ug/l #	25
76) 1,2,3-Trichloropropane	12.56	75	4706	0.721	ug/l #	100
78) n-propylbenzene	12.57	91	613182	25.124	ug/l	99
79) 2-Chlorotoluene	12.70	91	44631	2.883	ug/l	74
80) 1,3,5-Trimethylbenzene	12.71	105	328308	18.590	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	153188	65.542	ug/l #	13
82) 4-Chlorotoluene	12.70	91	44761	2.761	ug/l	76
83) tert-Butylbenzene	12.97	119	49381	3.580	ug/l	88

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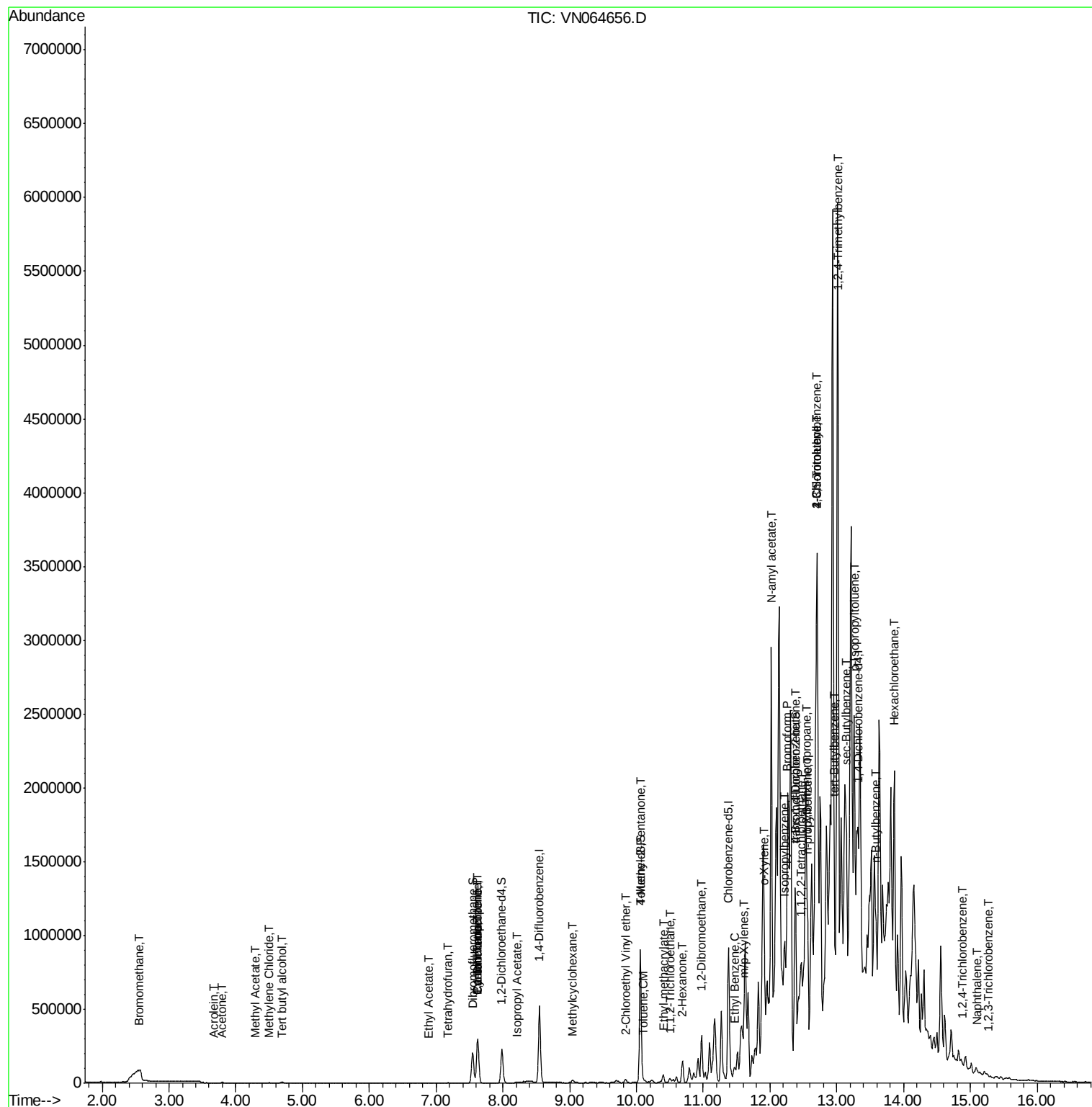
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.01	105	2650757	149.305	ug/l	100
85) sec-Butylbenzene	13.14	105	376635	21.560	ug/l #	71
86) p-Isopropyltoluene	13.26	119	222776	14.178	ug/l	99
89) n-Butylbenzene	13.59	91	356511	26.389	ug/l #	76
90) Hexachloroethane	13.86	117	60577	19.985	ug/l #	18
93) 1,2,4-Trichlorobenzene	14.89	180	690	2.815	ug/l #	1
95) Naphthalene	15.11	128	16889	4.683	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.28	180	715	2.937	ug/l #	43

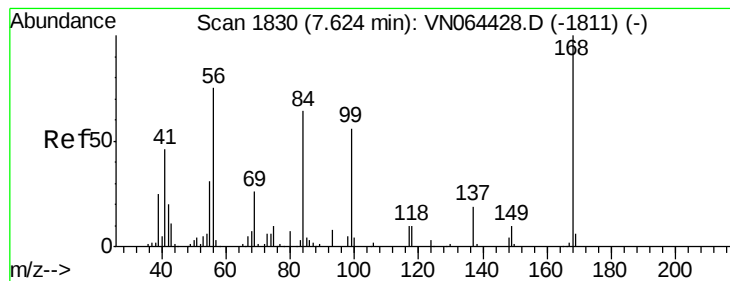
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

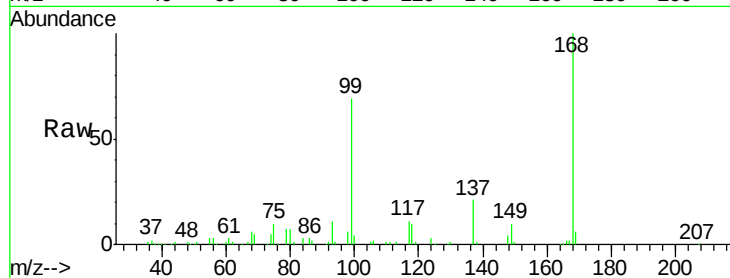
MW-3R(17-20FT)

Tot Ion:168 Resp: 212196

Ion Ratio Lower Upper

168 100

99 68.7 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

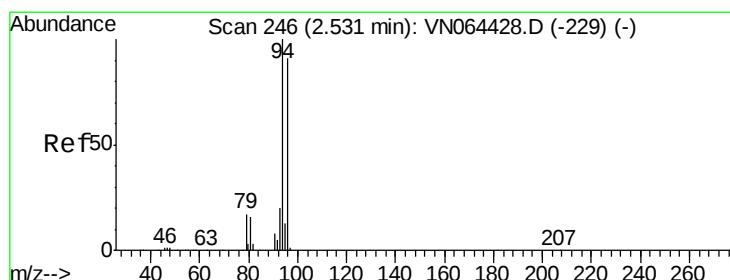
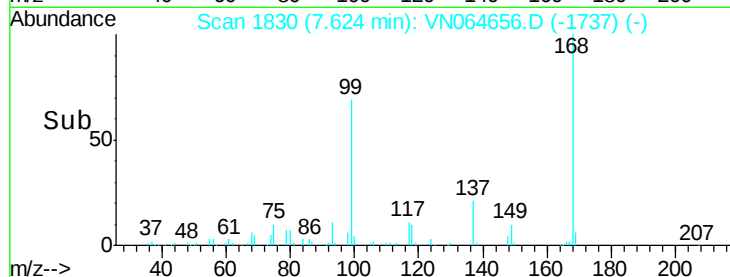
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#5

Bromomethane

Concen: 0.293 ug/l

RT: 2.56 min Scan# 256

Delta R.T. 0.03 min

Lab File: VN064656.D

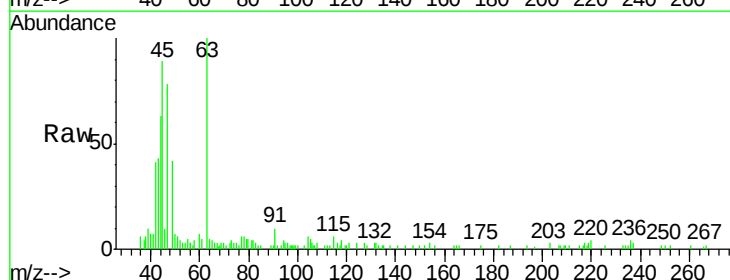
Acq: 16 Nov 2020 12:26

Tgt Ion: 94 Resp: 646

Ion Ratio Lower Upper

94 100

96 36.1 73.1 109.7#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

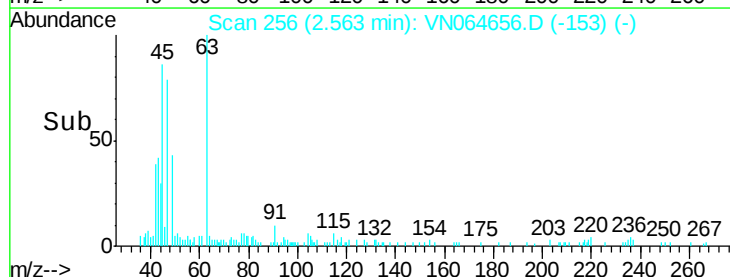
600

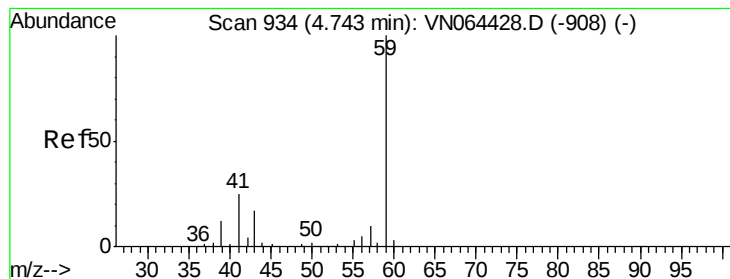
400

200

0

Time--> 2.54 2.56 2.58



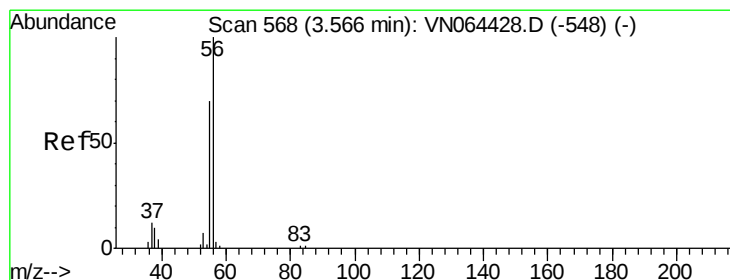
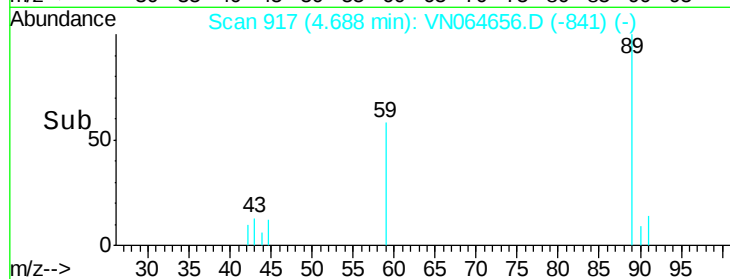
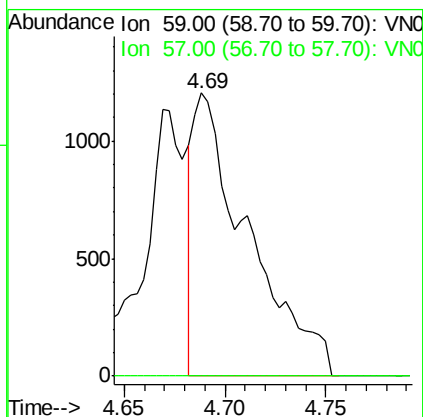
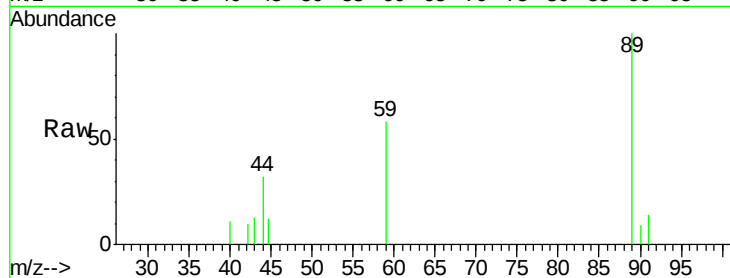


#11

Tert butyl alcohol
 Concen: 5.505 ug/l
 RT: 4.69 min Scan# 917
 Delta R.T. -0.05 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

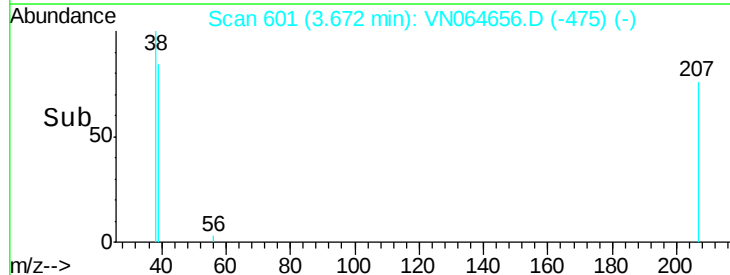
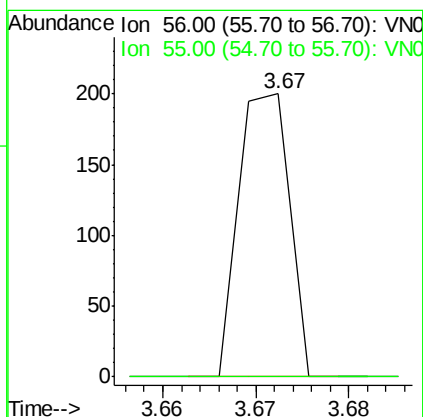
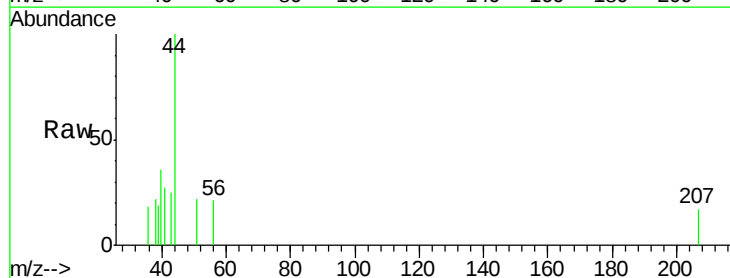
Tot Ion: 59 Resp: 2244
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

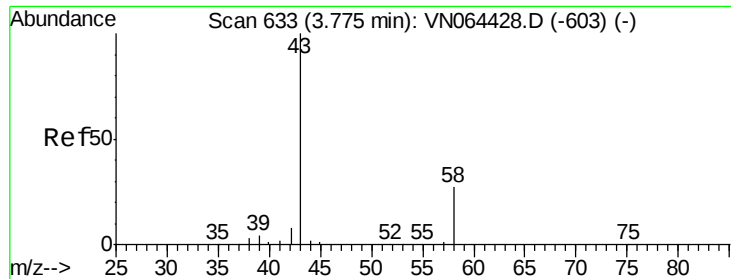


#13

Acrolein
 Concen: 0.301 ug/l
 RT: 3.67 min Scan# 601
 Delta R.T. 0.11 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Tgt Ion: 56 Resp: 76
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.9 83.9#





#16

Acetone

Concen: 0.749 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

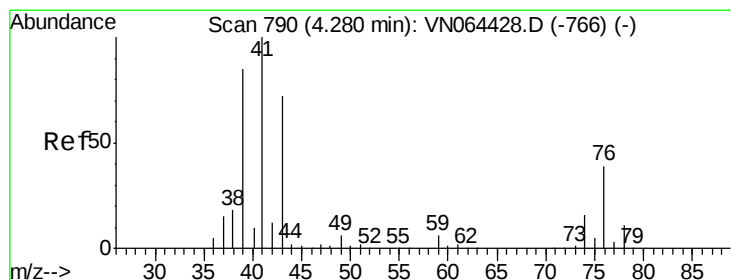
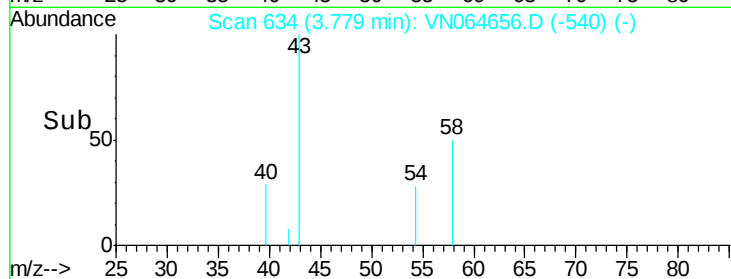
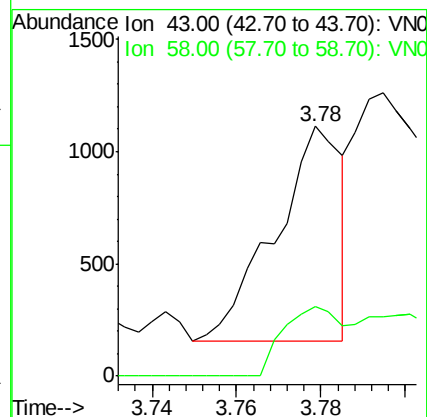
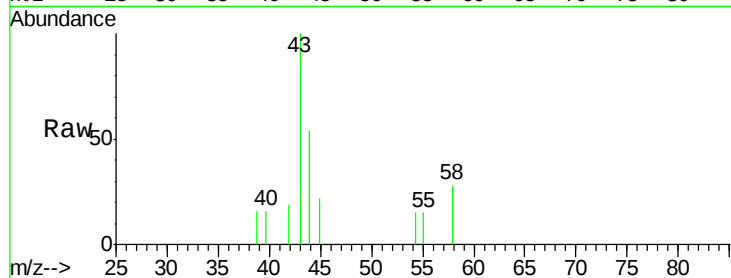
MW-3R(17-20FT)

Tot Ion: 43 Resp: 1055

Ion Ratio Lower Upper

43 100

58 32.2 21.4 32.0#



#18

Methyl Acetate

Concen: 0.374 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064656.D

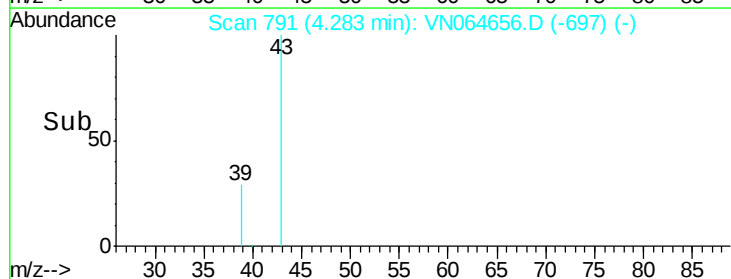
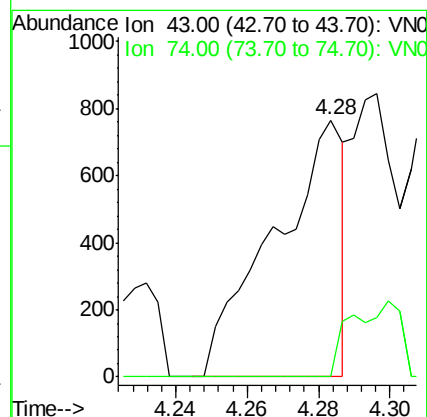
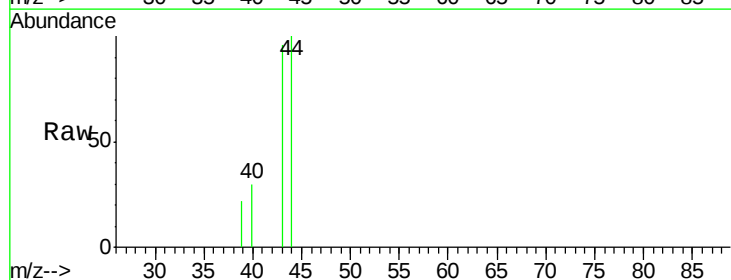
Acq: 16 Nov 2020 12:26

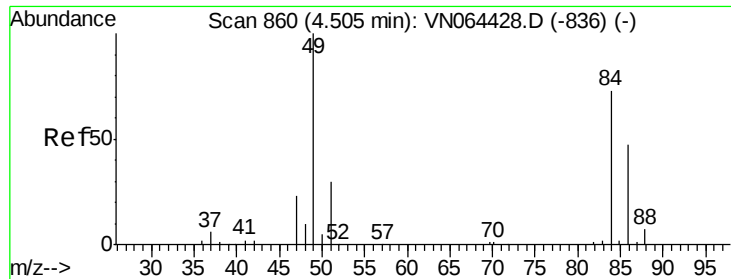
Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#20

Methvlene Chloride

Concen: 0.234 ug/l

RT: 4.50 min Scan# 859

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

Tot Ion: 84 Resp: 655

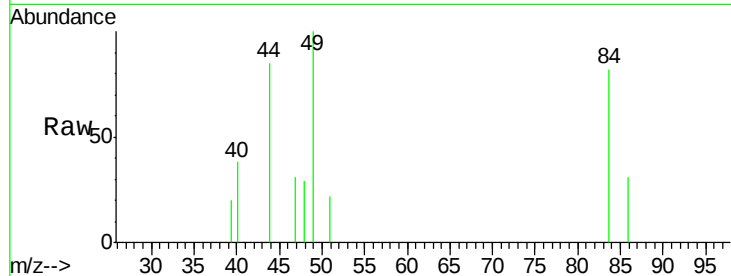
Ion Ratio Lower Upper

84 100

49 90.6 110.1 165.1#

51 27.0 33.6 50.4#

86 37.8 52.1 78.1#

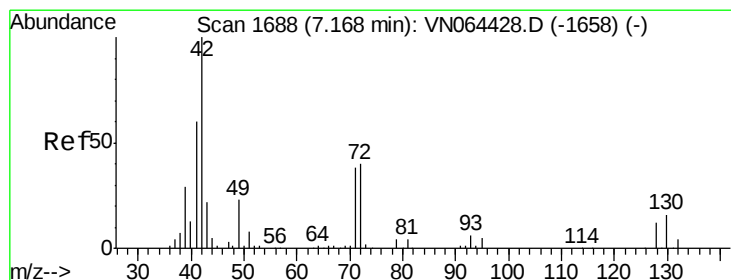
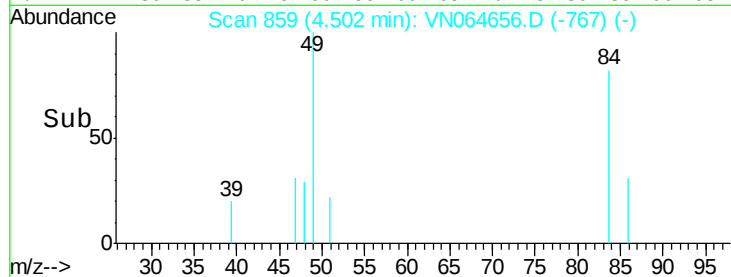
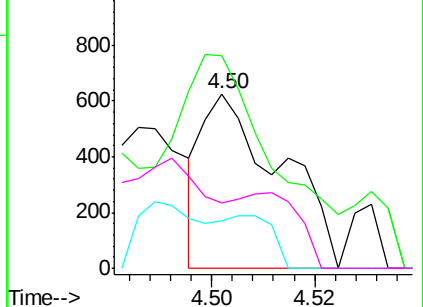


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29

Tetrahydrofuran

Concen: 1.353 ug/l

RT: 7.18 min Scan# 1691

Delta R.T. 0.01 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

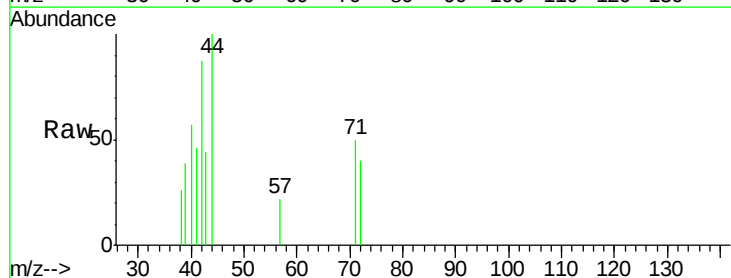
Tgt Ion: 42 Resp: 1489

Ion Ratio Lower Upper

42 100

72 14.8 31.7 47.5#

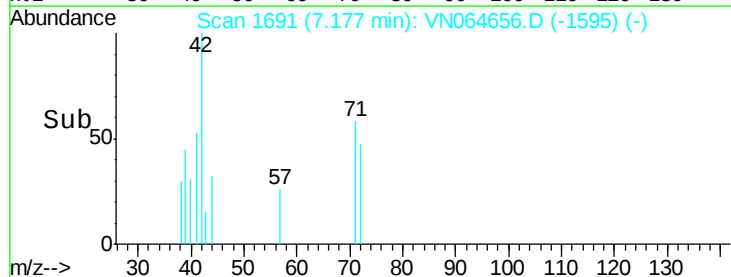
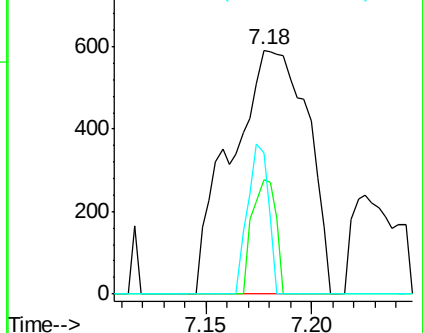
71 16.7 29.8 44.6#

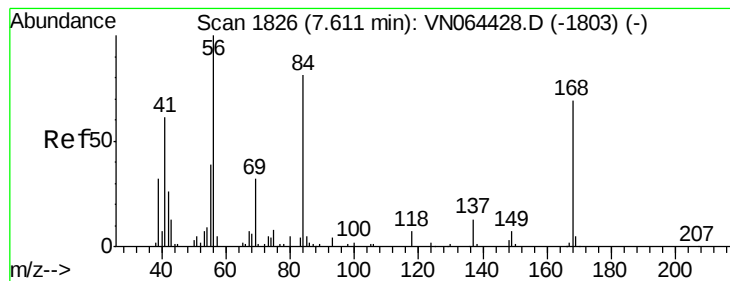


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 1.574 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN064656.D

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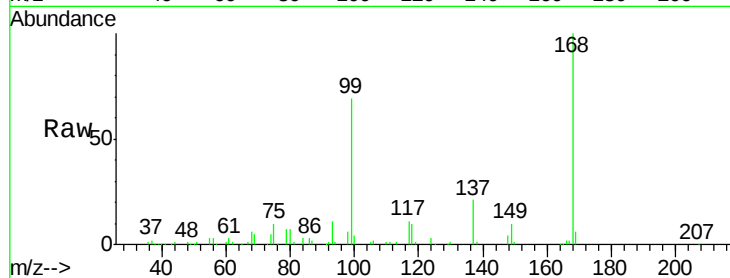
Tot Ion: 56 Resp: 7070

Ion Ratio Lower Upper

56 100

69 140.1 25.6 38.4#

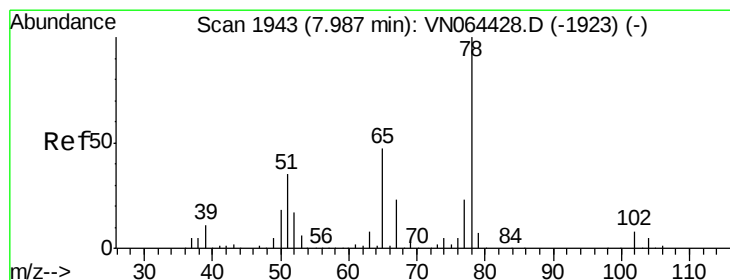
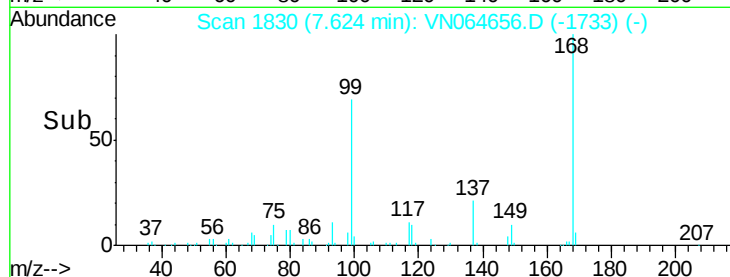
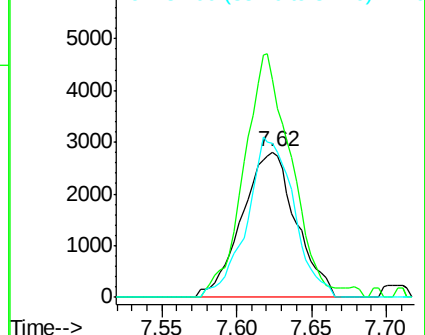
84 99.6 63.0 94.6#



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: 56.841 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064656.D

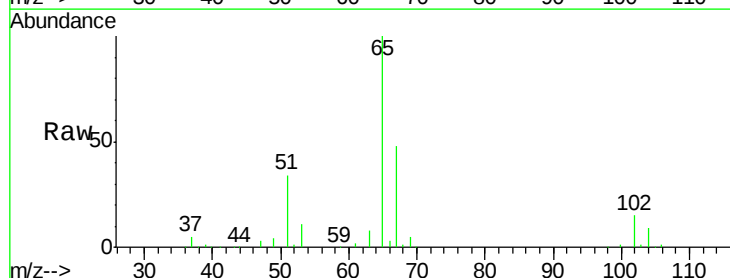
Acq: 16 Nov 2020 12:26

Tgt Ion: 65 Resp: 210092

Ion Ratio Lower Upper

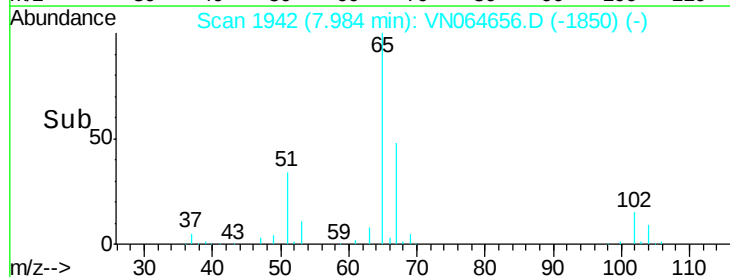
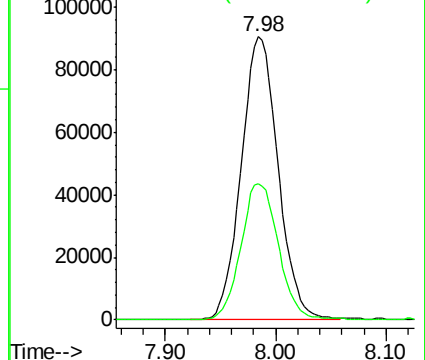
65 100

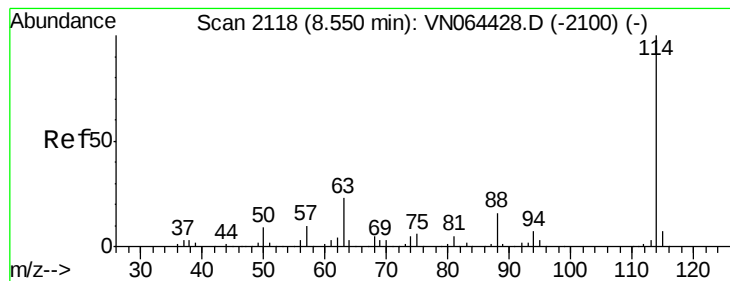
67 49.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064656.D

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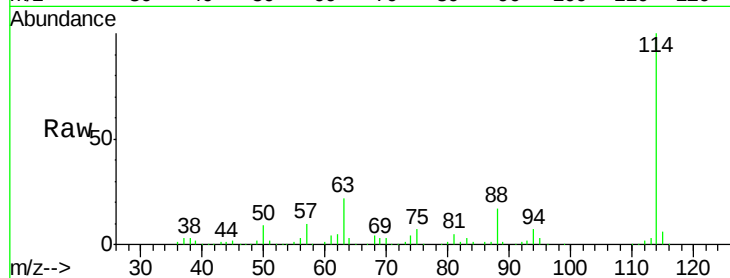
Tot Ion:114 Resp: 427702

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.6

88 16.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

250000

200000

150000

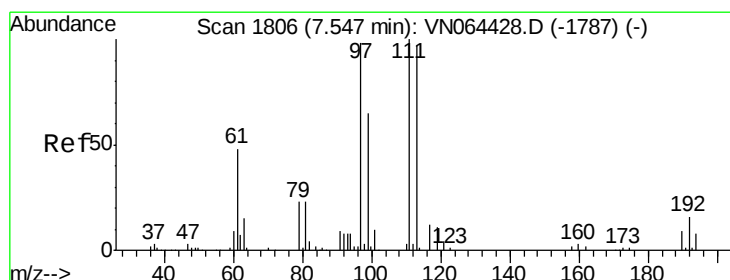
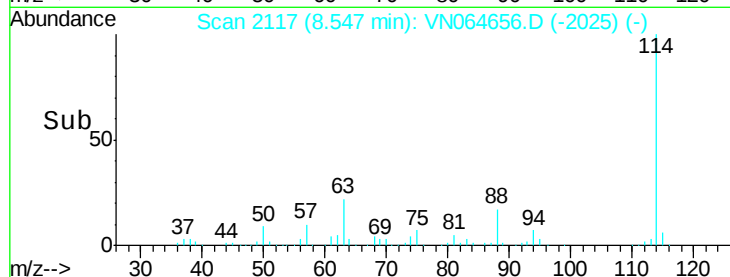
100000

50000

0

8.45 8.50 8.55 8.60 8.65

Time-->



#35

Dibromofluoromethane

Concen: 51.182 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

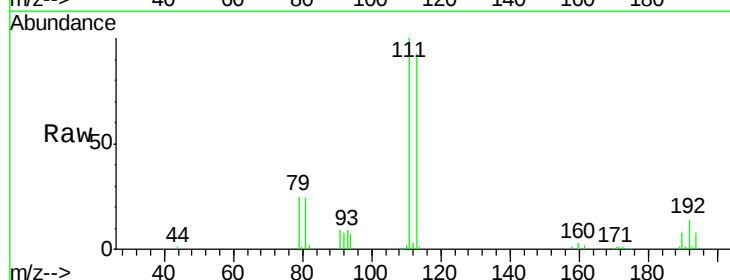
Tgt Ion:113 Resp: 149045

Ion Ratio Lower Upper

113 100

111 105.6 81.1 121.7

192 15.9 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

80000

60000

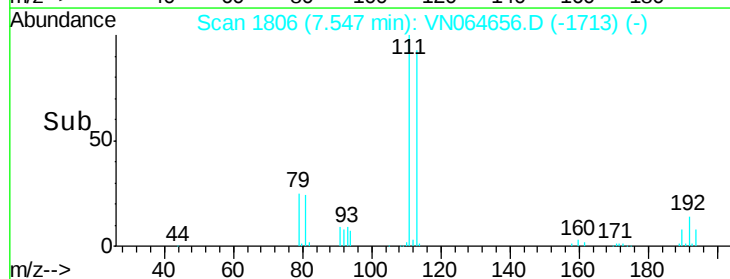
40000

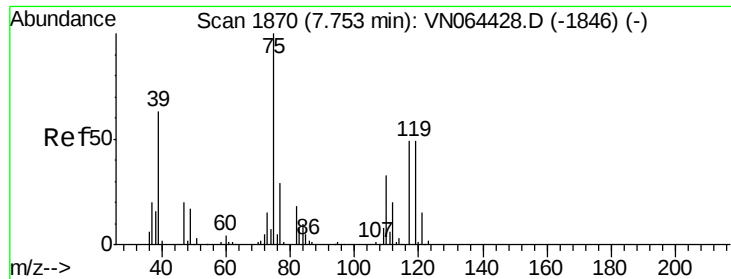
20000

0

7.40 7.50 7.60 7.70

Time-->

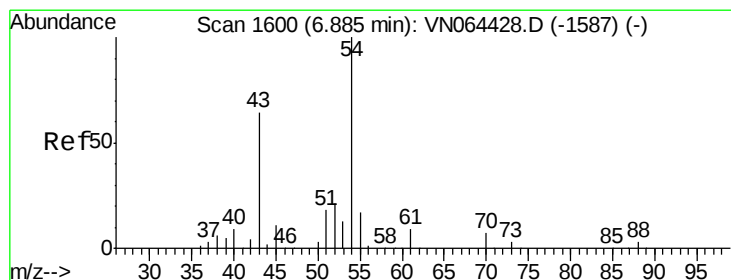
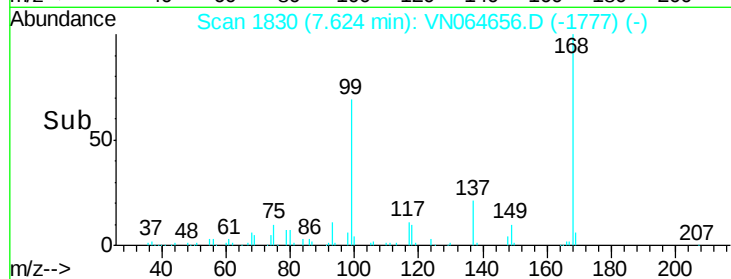
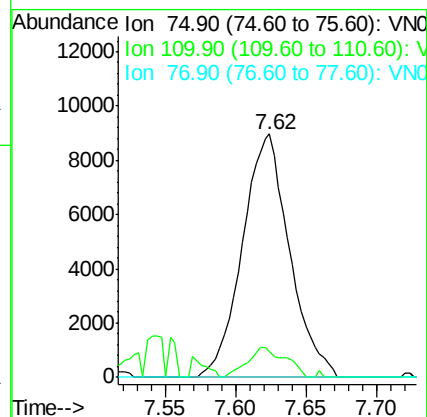
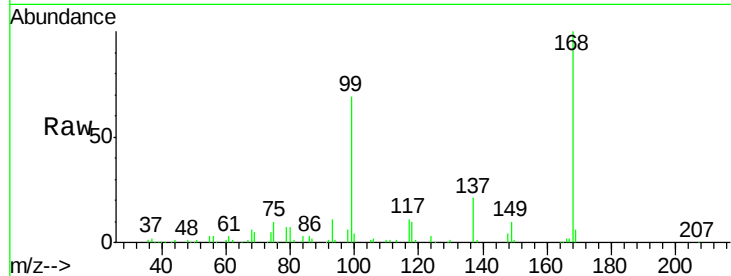




#36
 1,1-Dichloropropene
 Concen: 4.627 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

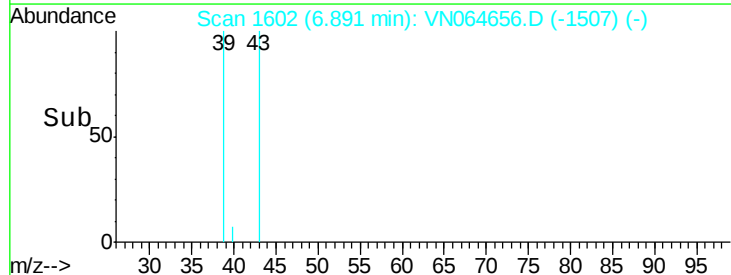
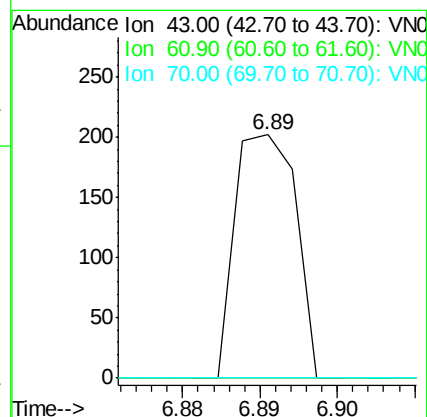
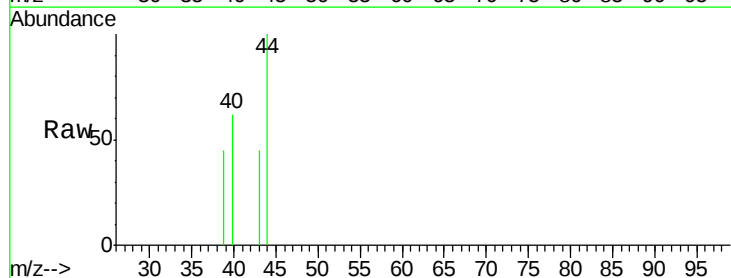
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

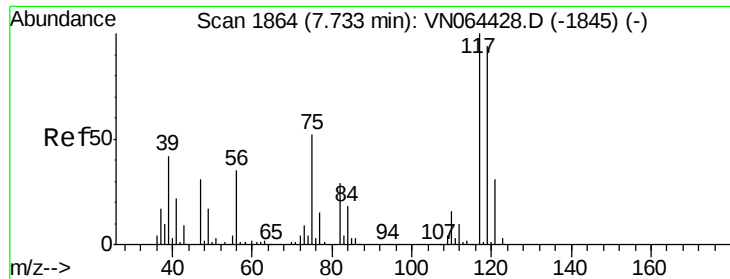
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.0	48.0#
77	0.0	24.0	36.0#



#37
 Ethyl Acetate
 Concen: 0.786 ug/l
 RT: 6.89 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

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





#38

Carbon Tetrachloride

Concen: 4.926 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. -0.12 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

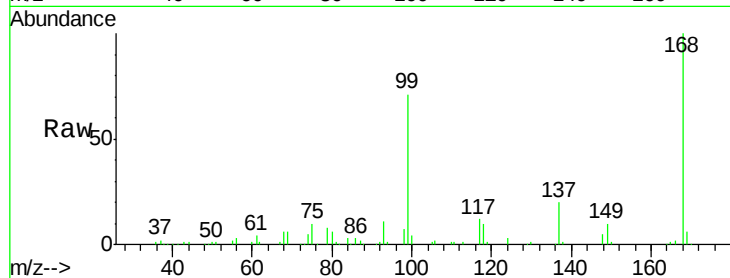
Tot Ion:117 Resp: 23786

Ion Ratio Lower Upper

117 100

119 8.2 75.5 113.3#

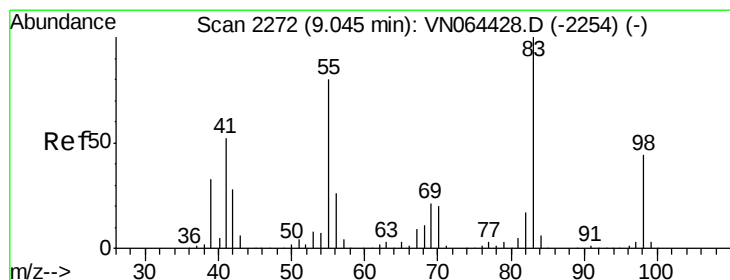
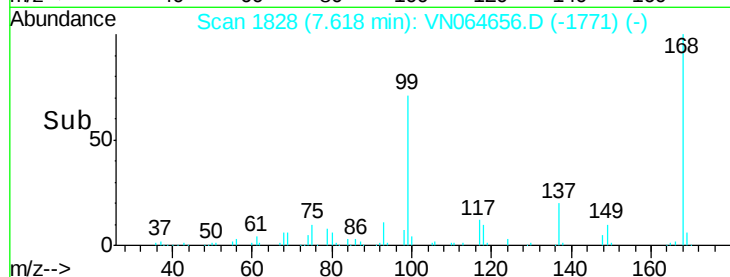
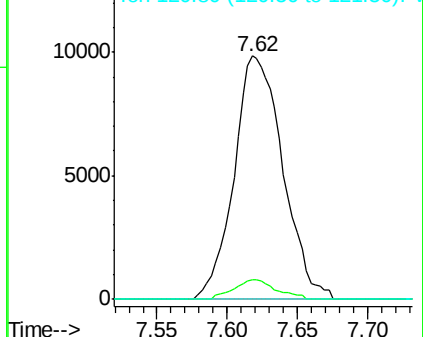
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 1.398 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

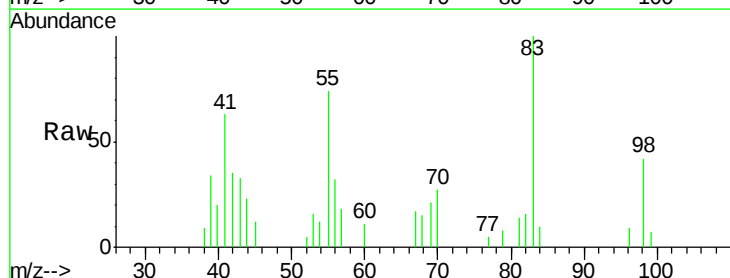
Tgt Ion: 83 Resp: 5664

Ion Ratio Lower Upper

83 100

55 67.0 63.8 95.6

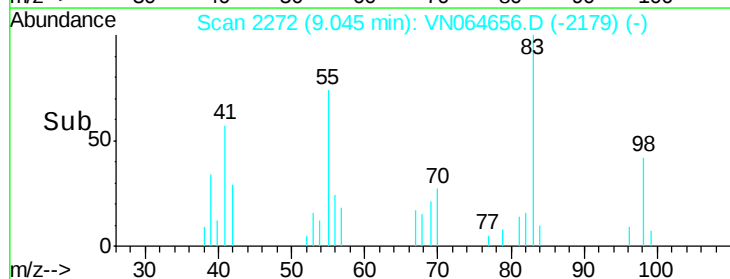
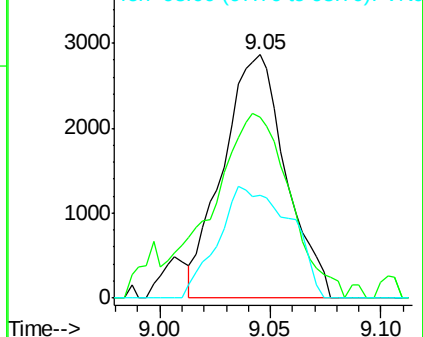
98 42.3 35.4 53.2

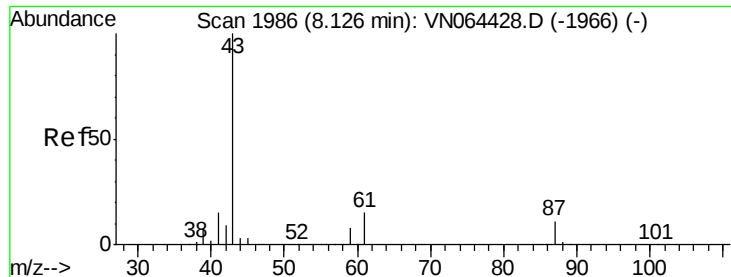


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 0.387 ug/l

RT: 8.21 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

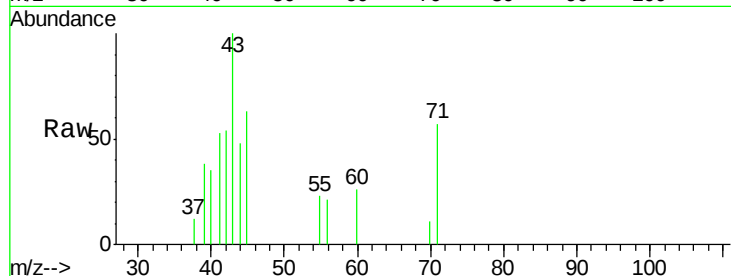
Tot Ion: 43 Resp: 2834

Ion Ratio Lower Upper

43 100

61 0.0 14.0 21.0#

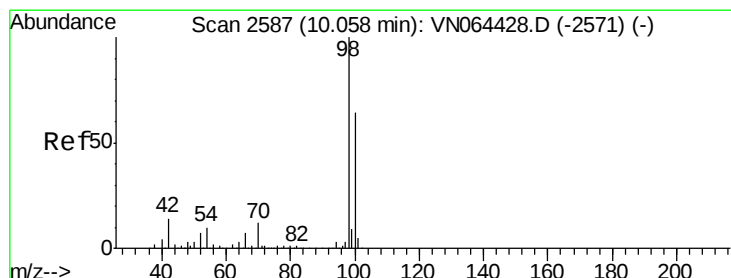
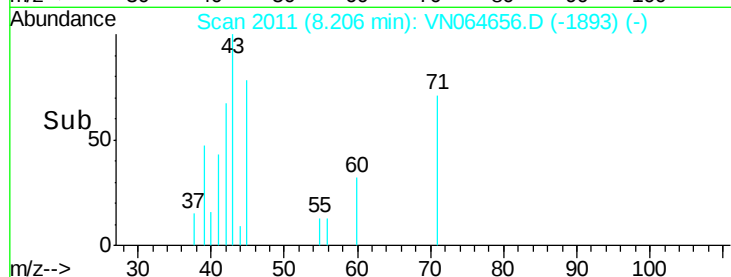
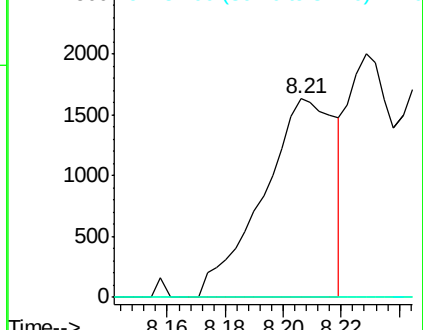
87 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.074 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064656.D

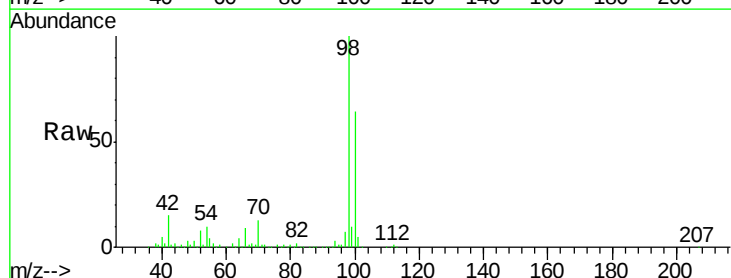
Acq: 16 Nov 2020 12:26

Tgt Ion: 98 Resp: 552332

Ion Ratio Lower Upper

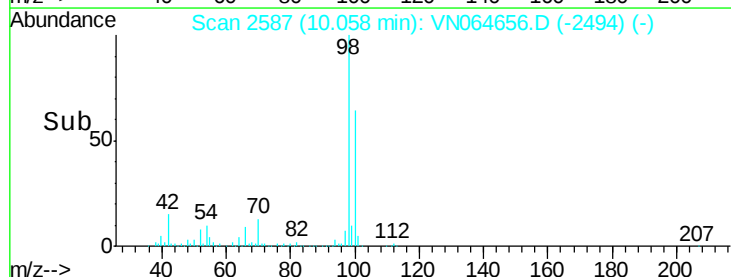
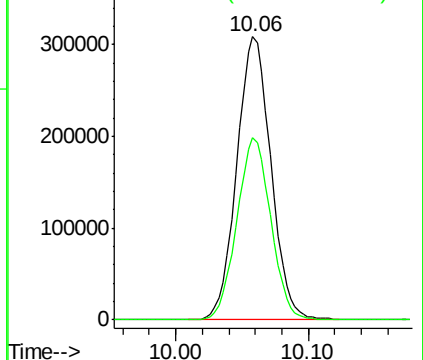
98 100

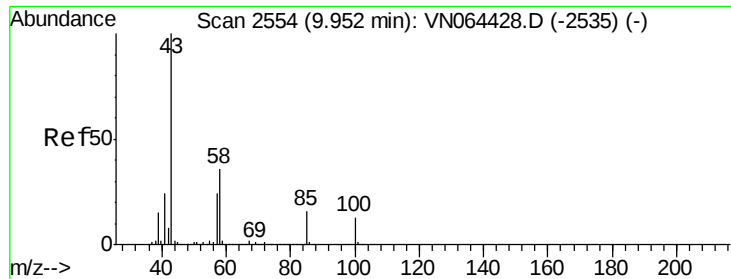
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.114 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

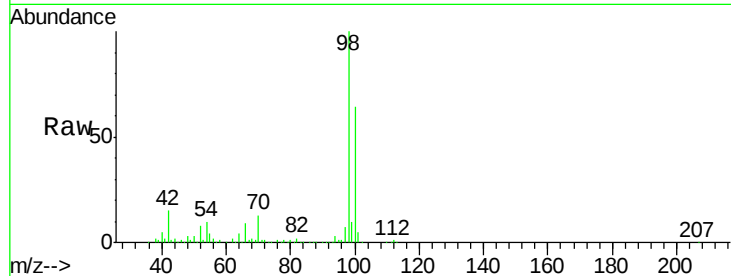
MW-3R(17-20FT)

Tot Ion: 43 Resp: 4755

Ion Ratio Lower Upper

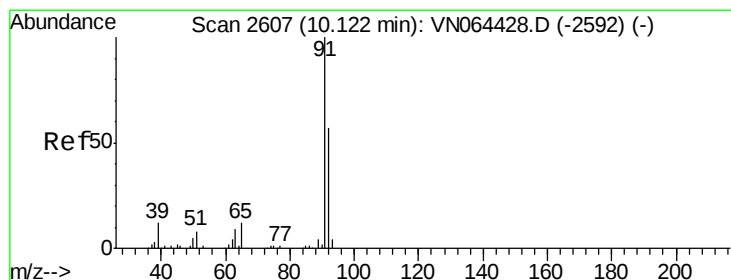
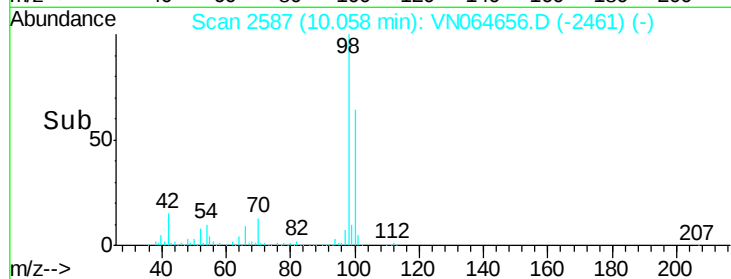
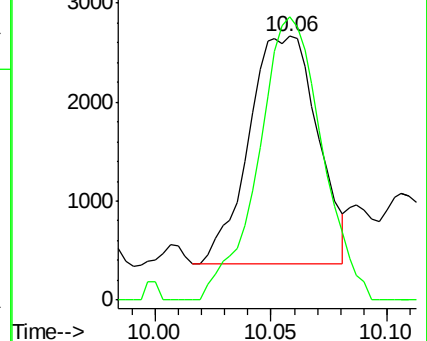
43 100

58 115.1 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.240 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064656.D

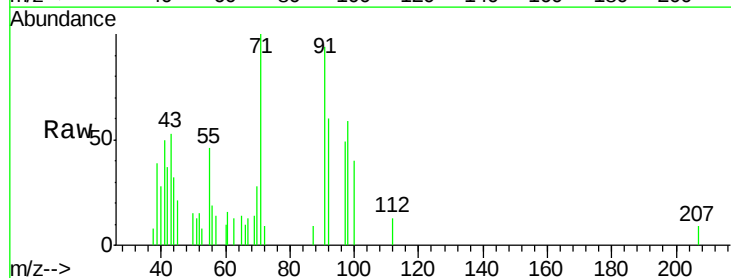
Acq: 16 Nov 2020 12:26

Tgt Ion: 92 Resp: 1944

Ion Ratio Lower Upper

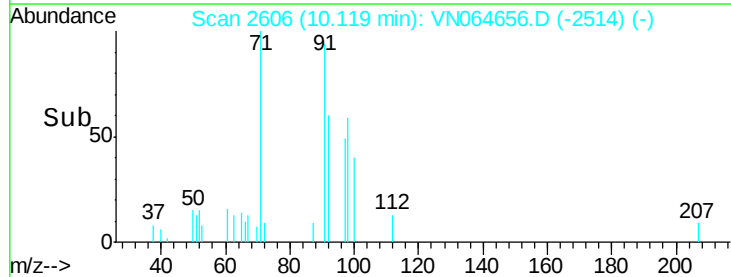
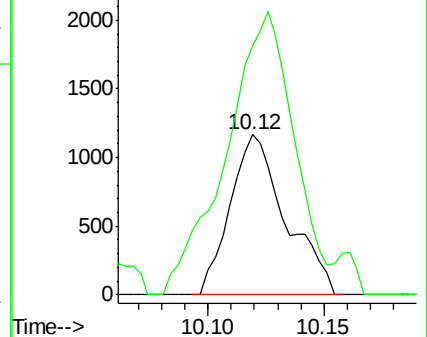
92 100

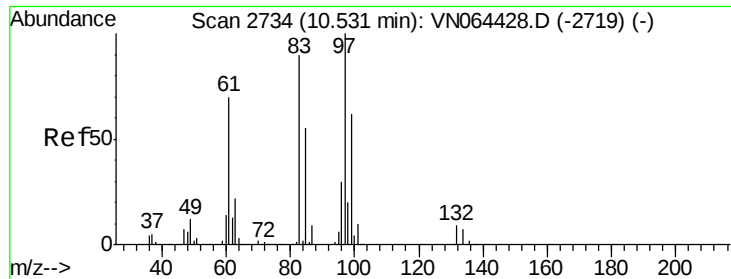
91 215.0 139.6 209.4#



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

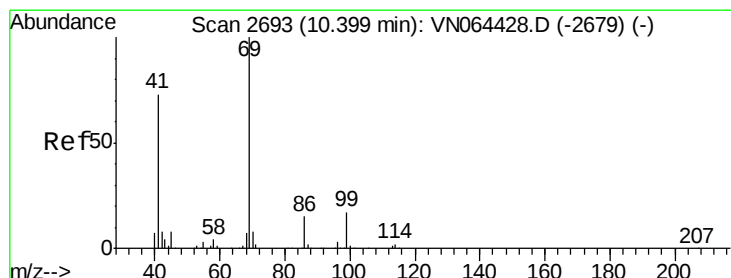
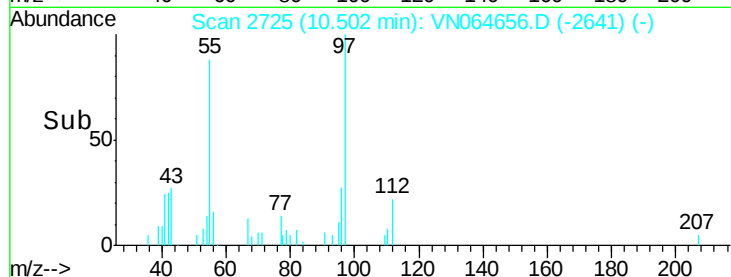
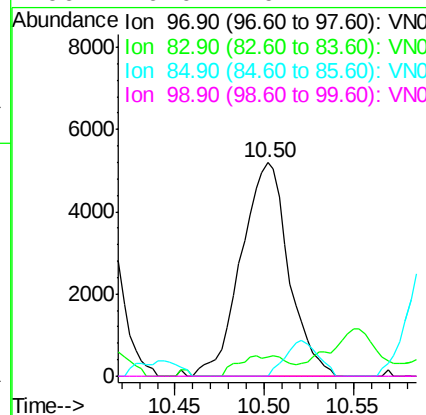
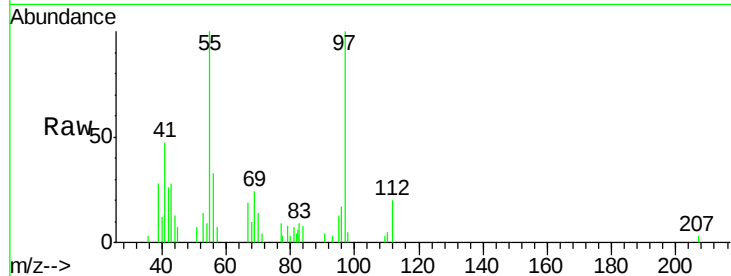




#55
 1,1,2-Trichloroethane
 Concen: 3.047 ug/l
 RT: 10.50 min Scan# 2725
 Delta R.T. -0.03 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

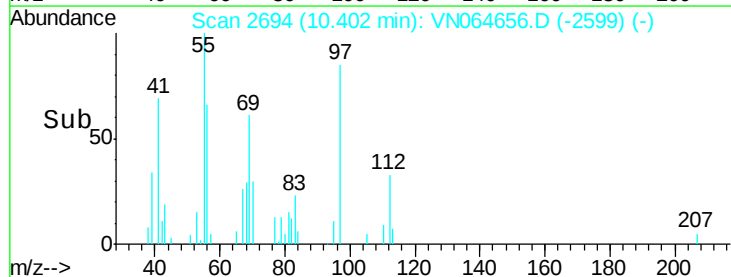
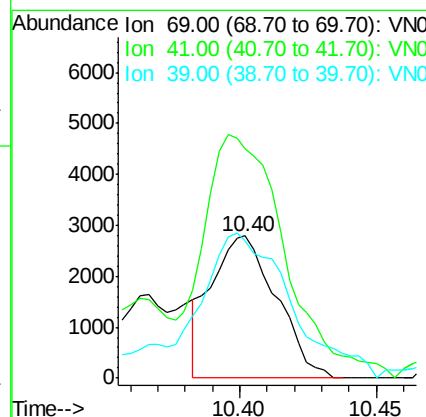
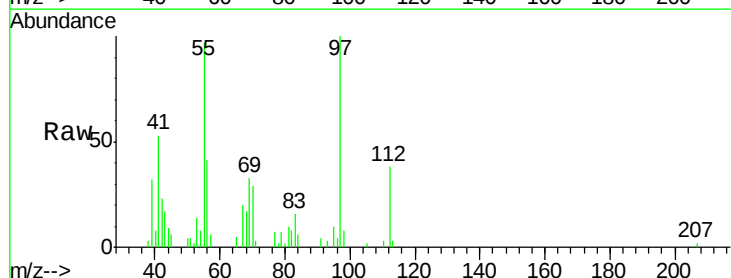
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

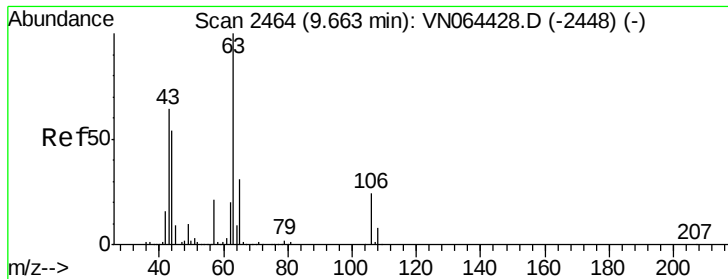
Tot Ion: 97 Resp: 9622
 Ion Ratio Lower Upper
 97 100
 83 9.0 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 2.695 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Tgt Ion: 69 Resp: 4609
 Ion Ratio Lower Upper
 69 100
 41 216.2 59.3 88.9#
 39 151.2 35.4 53.0#





#58

2-Chloroethyl Vinyl ether

Concen: 21.561 ug/l

RT: 9.84 min Scan# 2520

Delta R.T. 0.18 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

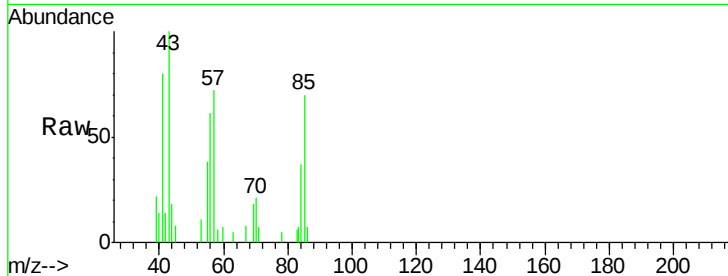
MW-3R(17-20FT)

Tot Ion: 63 Resp: 62

Ion Ratio Lower Upper

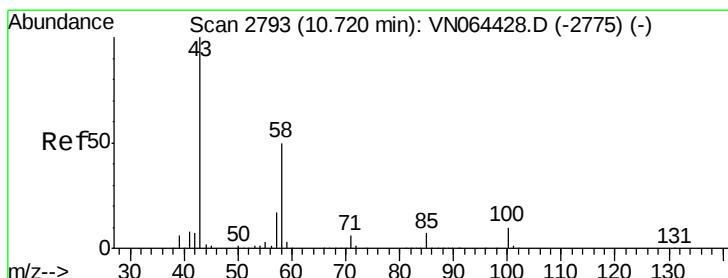
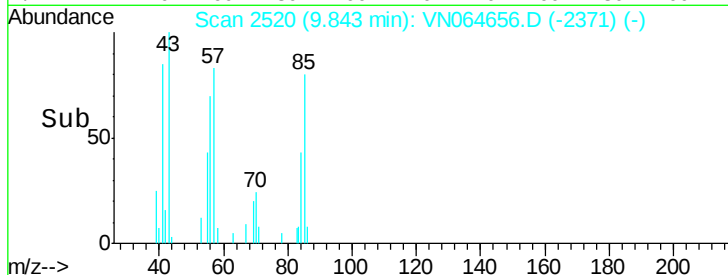
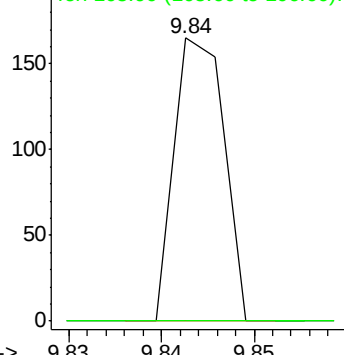
63 100

106 0.0 19.5 29.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 18.464 ug/l

RT: 10.69 min Scan# 2783

Delta R.T. -0.03 min

Lab File: VN064656.D

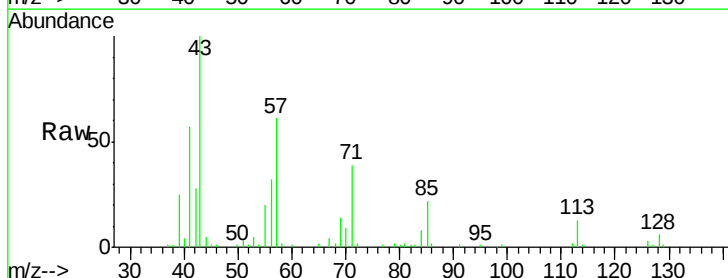
Acq: 16 Nov 2020 12:26

Tgt Ion: 43 Resp: 51090

Ion Ratio Lower Upper

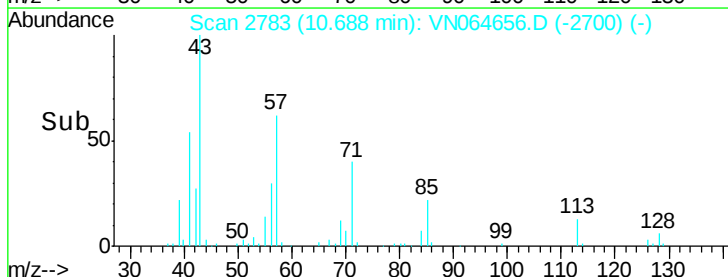
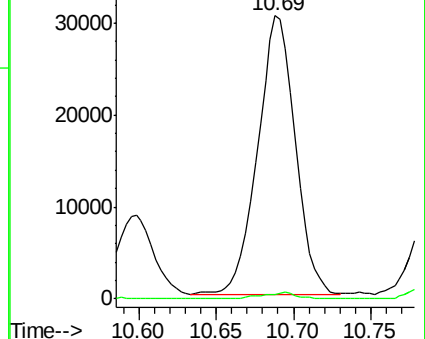
43 100

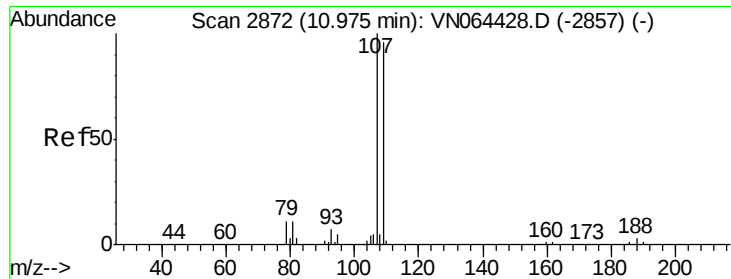
58 2.2 24.7 74.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#61

1,2-Dibromoethane

Concen: 0.244 ug/l

RT: 10.97 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

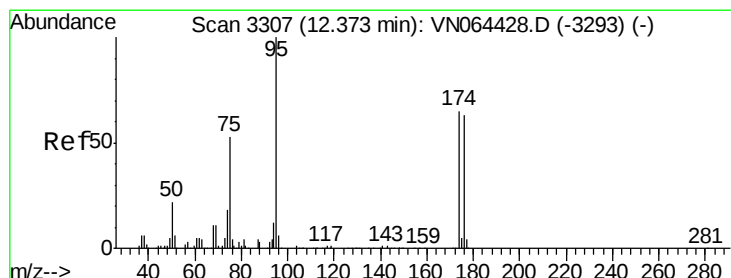
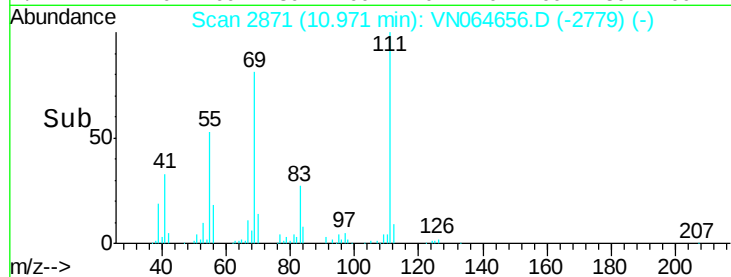
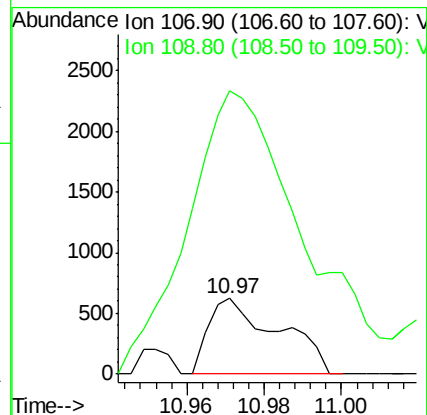
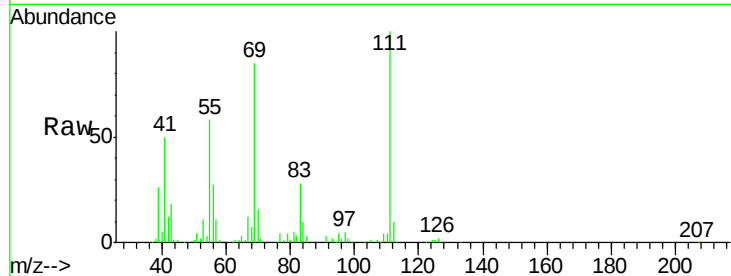
MW-3R(17-20FT)

Tot Ion:107 Resp: 783

Ion Ratio Lower Upper

107 100

109 613.0 75.9 113.9#



#62

4-Bromofluorobenzene

Concen: 67.403 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

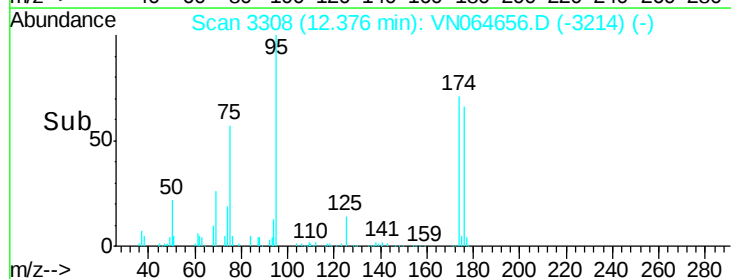
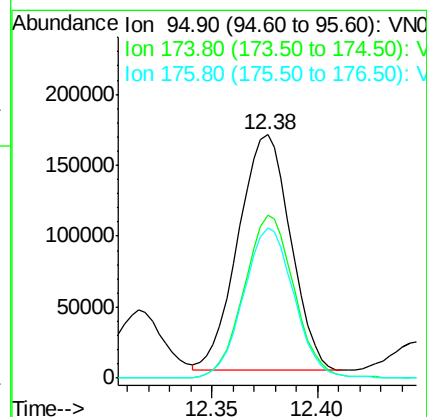
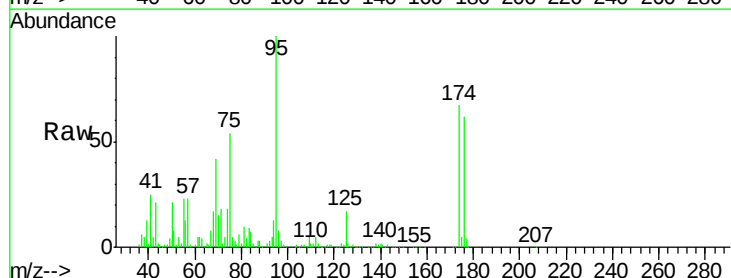
Tgt Ion: 95 Resp: 286905

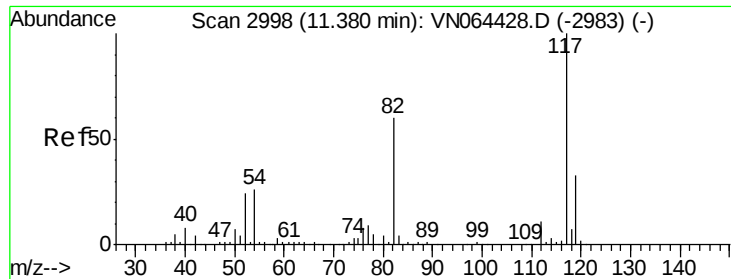
Ion Ratio Lower Upper

95 100

174 66.1 0.0 132.6

176 61.5 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: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

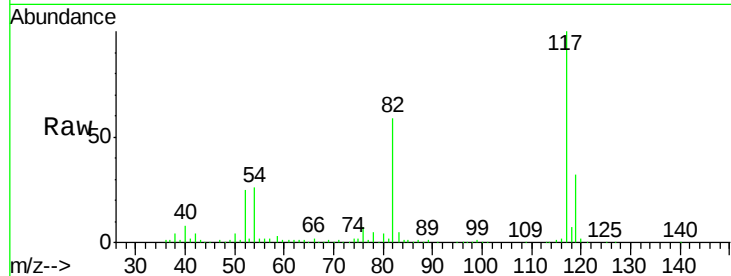
Tot Ion:117 Resp: 465539

Ion Ratio Lower Upper

117 100

82 58.4 48.1 72.1

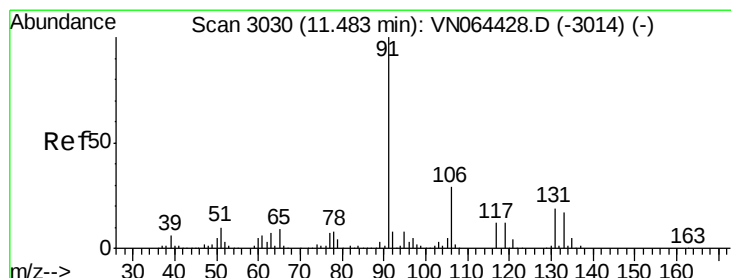
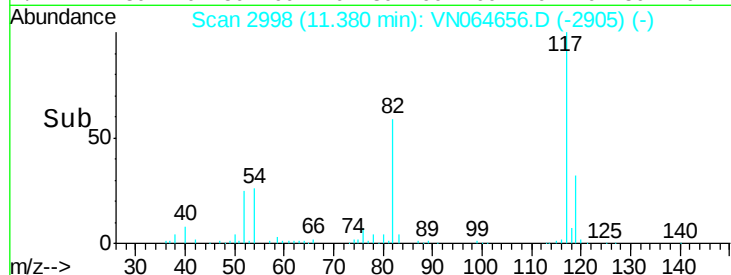
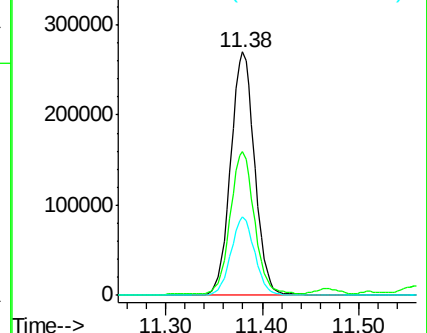
119 32.2 26.2 39.4



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



#67

Ethyl Benzene

Concen: 1.762 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064656.D

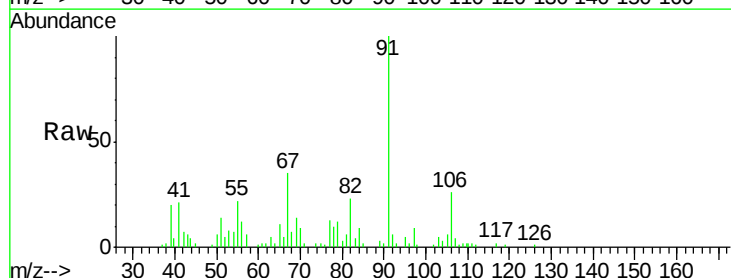
Acq: 16 Nov 2020 12:26

Tgt Ion: 91 Resp: 31988

Ion Ratio Lower Upper

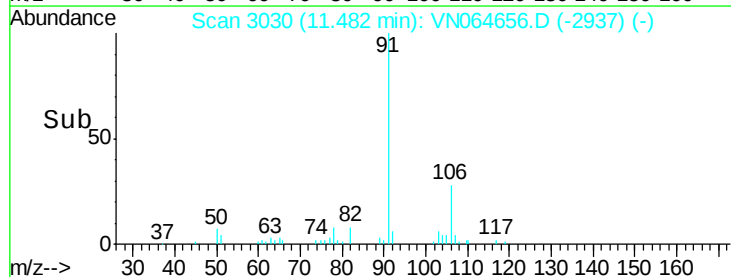
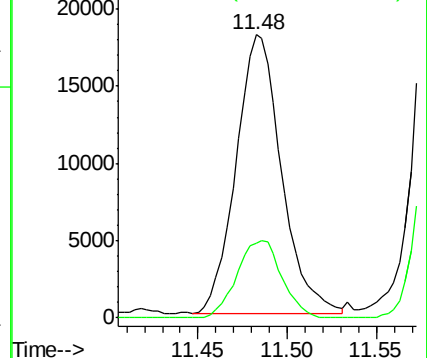
91 100

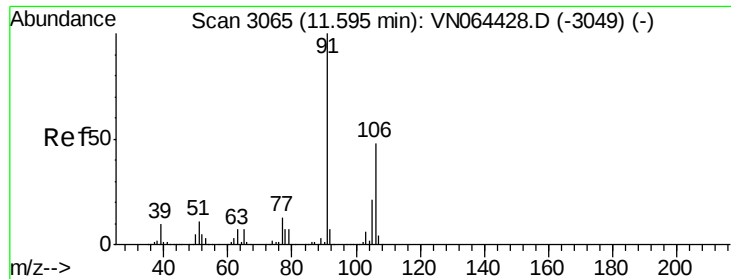
106 26.9 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

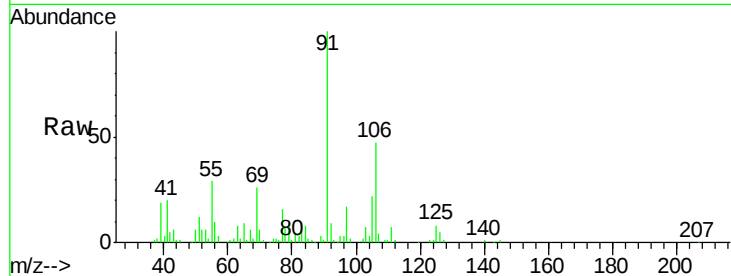




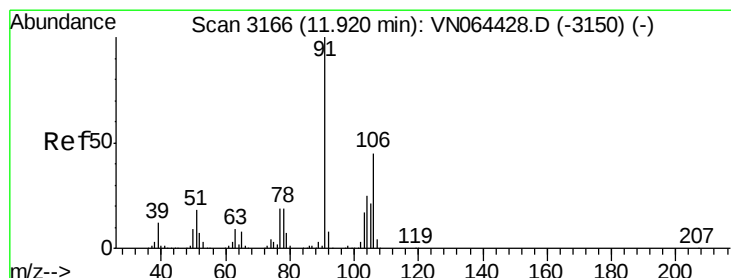
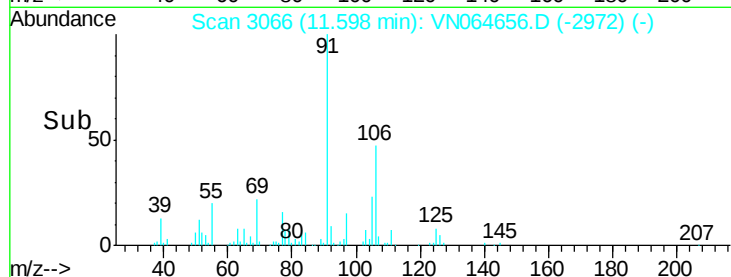
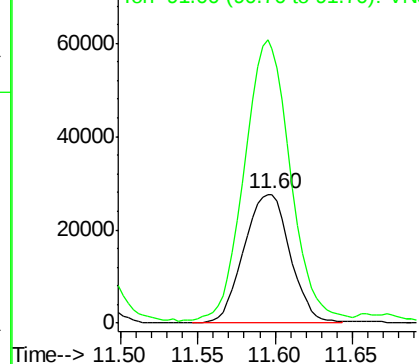
#68
m/p-Xylenes
Concen: 8.713 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Instrument :
MSVOA_N
ClientSampled :
MW-3R(17-20FT)

Tot Ion:106 Resp: 57360
Ion Ratio Lower Upper
106 100
91 215.6 169.4 254.2

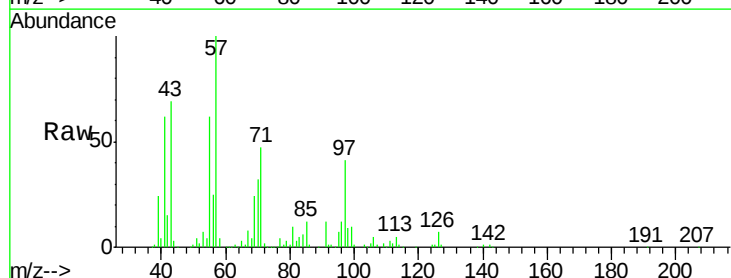


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

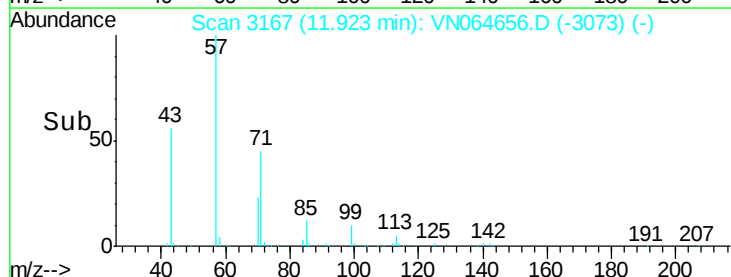
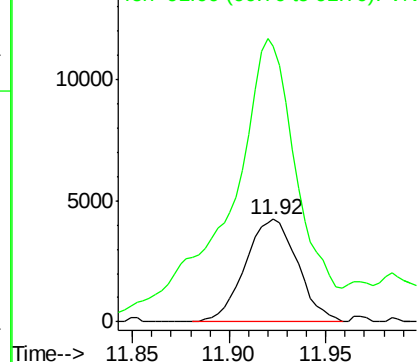


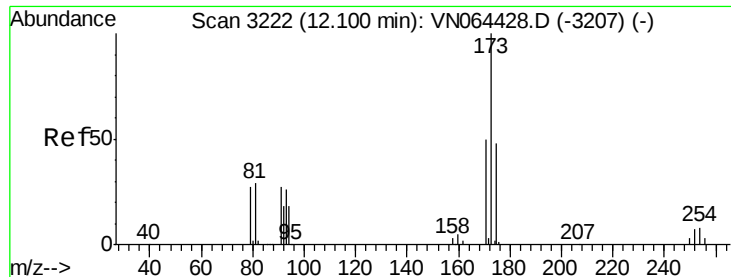
#69
o-Xylene
Concen: 1.256 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Tgt Ion:106 Resp: 7993
Ion Ratio Lower Upper
106 100
91 334.6 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

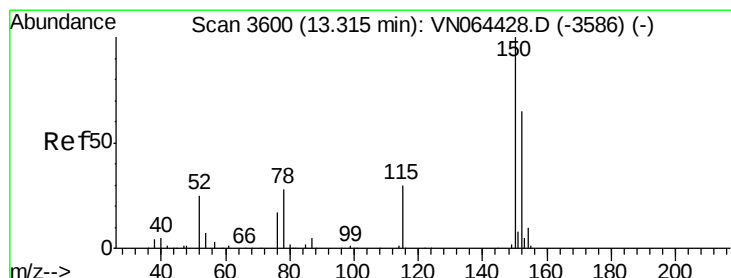
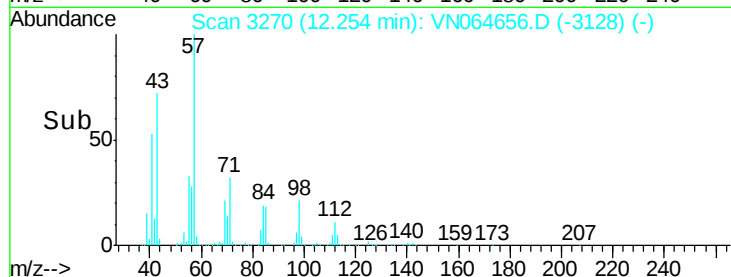
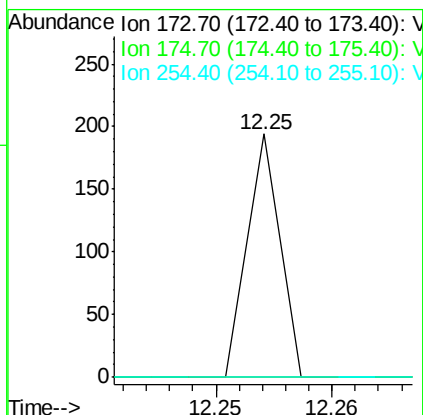
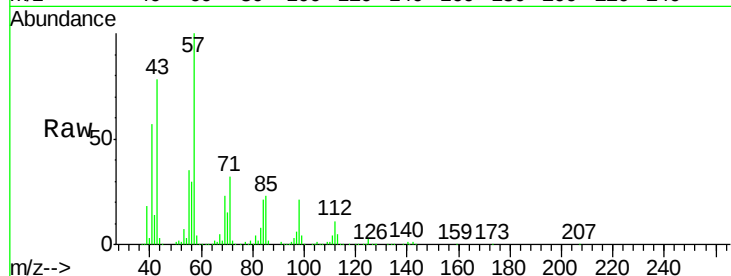




#71
Bromoform
Concen: 1.288 ug/l
RT: 12.25 min Scan# 3270
Delta R.T. 0.16 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

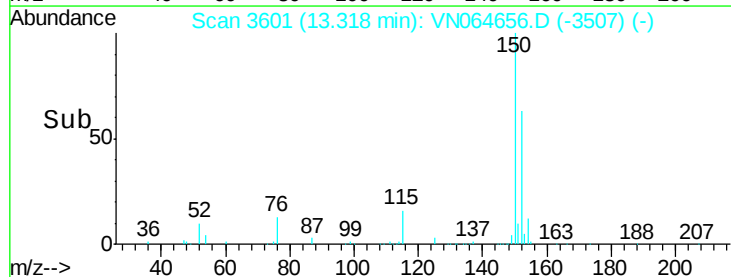
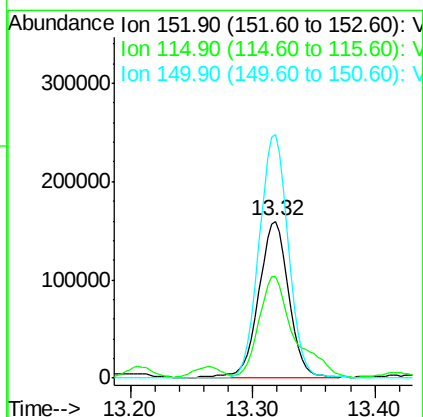
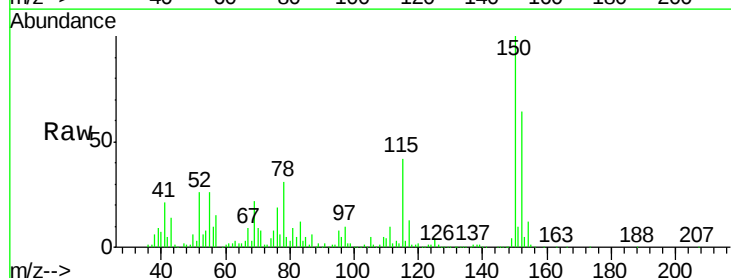
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

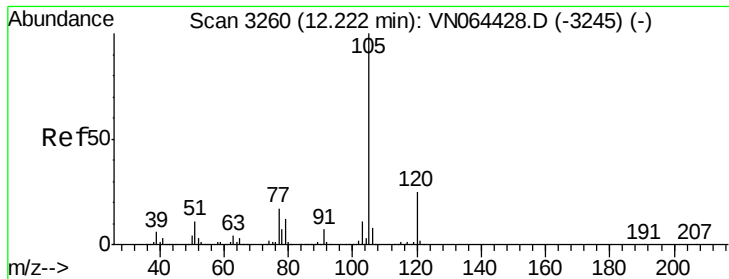
Tot Ion:173 Resp: 37
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Tgt Ion:152 Resp: 269338
Ion Ratio Lower Upper
152 100
115 75.3 32.0 96.0
150 152.3 0.0 353.8





#73

Isopropylbenzene

Concen: 9.337 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

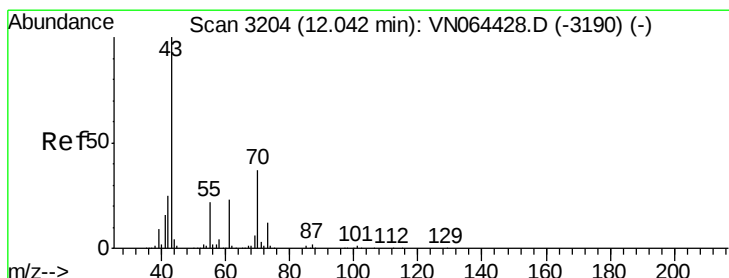
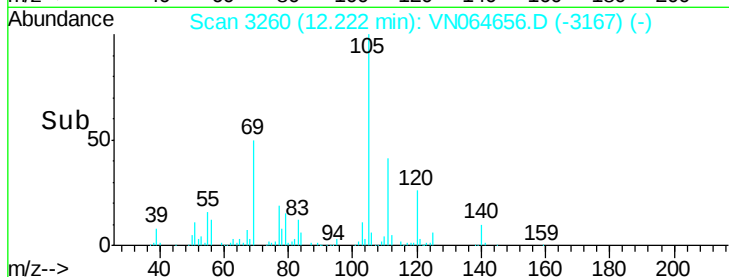
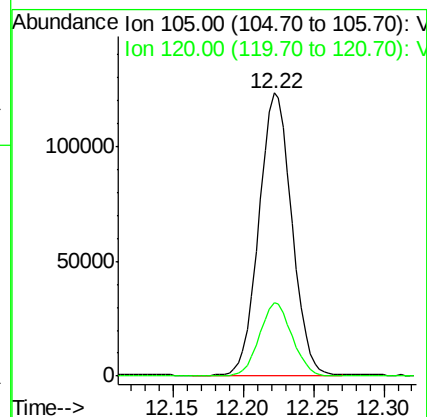
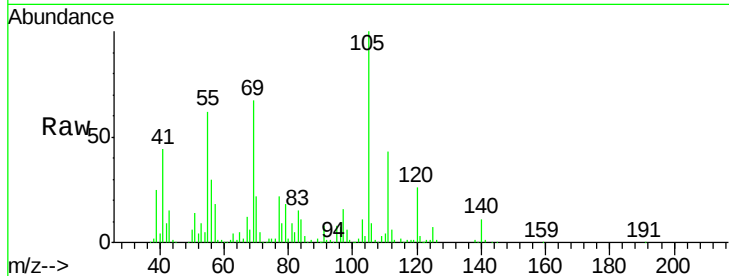
MW-3R(17-20FT)

Tot Ion:105 Resp: 199882

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 55.575 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Tgt Ion: 43 Resp: 578467

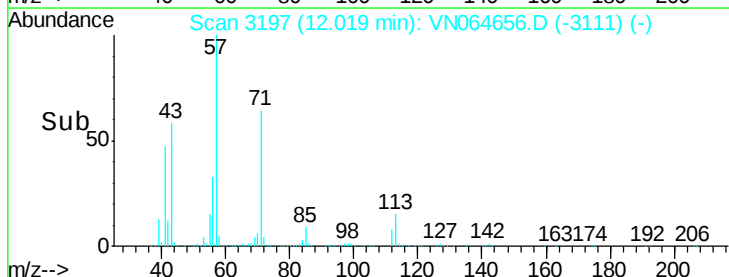
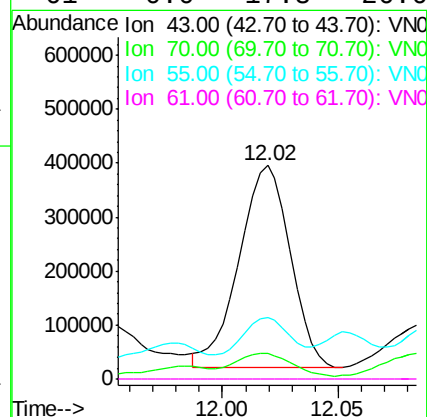
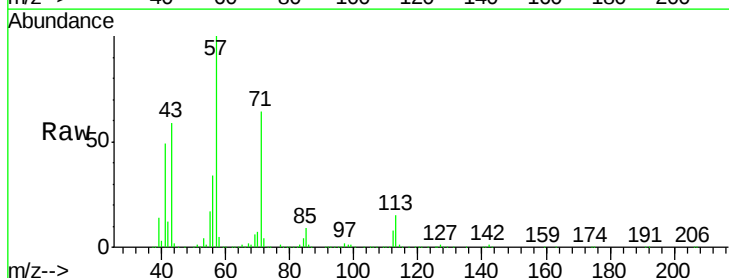
Ion Ratio Lower Upper

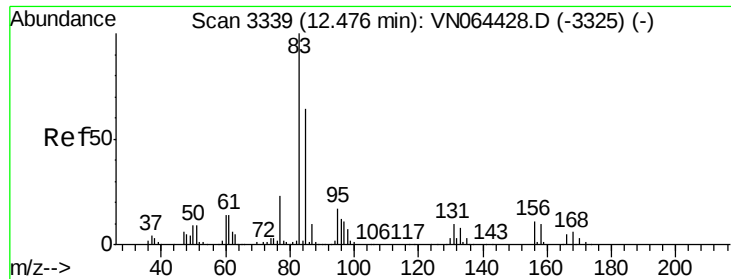
43 100

70 11.7 29.6 44.4#

55 18.4 18.4 27.6#

61 0.0 17.8 26.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.734 ug/l

RT: 12.46 min Scan# 3333

Delta R.T. -0.02 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

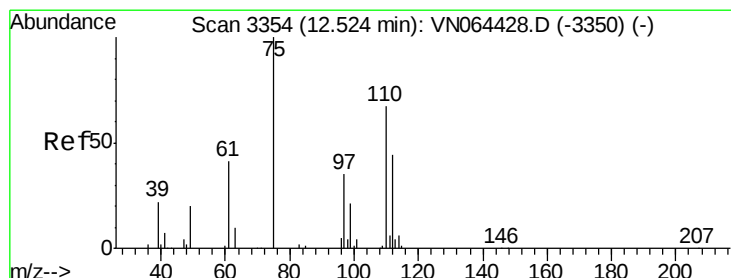
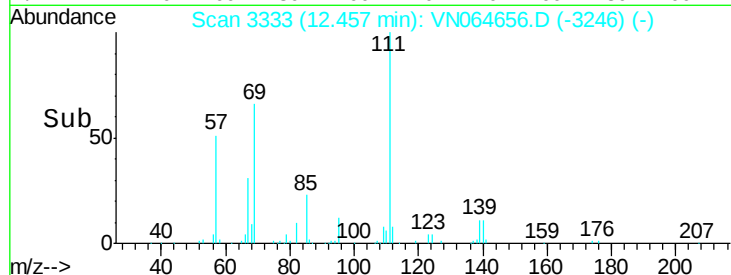
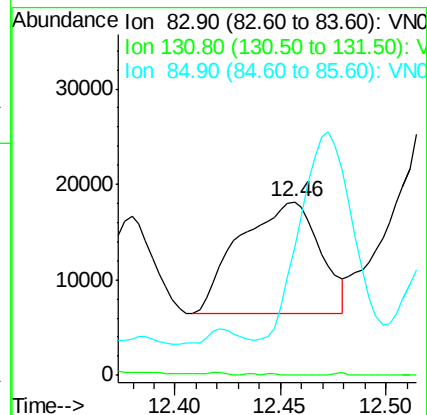
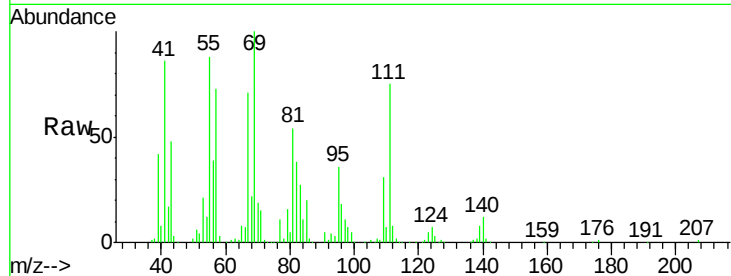
Tot Ion: 83 Resp: 31127

Ion Ratio Lower Upper

83 100

131 0.2 4.9 14.7#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 0.721 ug/l

RT: 12.56 min Scan# 3365

Delta R.T. 0.04 min

Lab File: VN064656.D

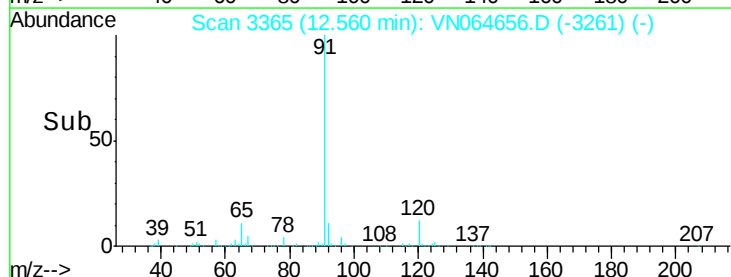
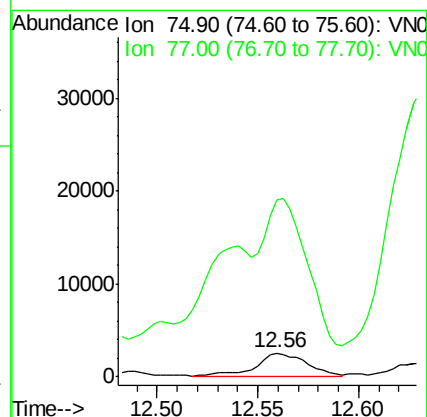
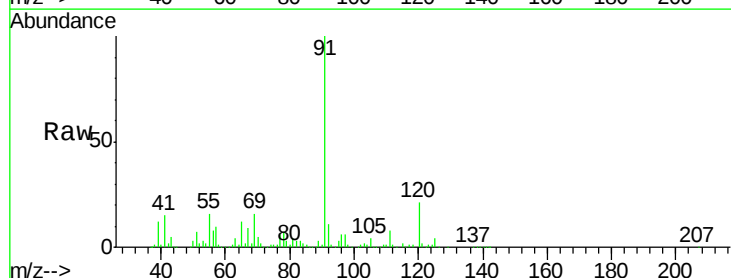
Acq: 16 Nov 2020 12:26

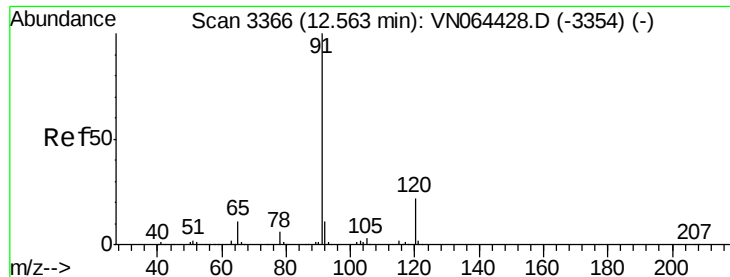
Tgt Ion: 75 Resp: 4706

Ion Ratio Lower Upper

75 100

77 466.0 0.0 0.0#





#78

n-propylbenzene

Concen: 25.124 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

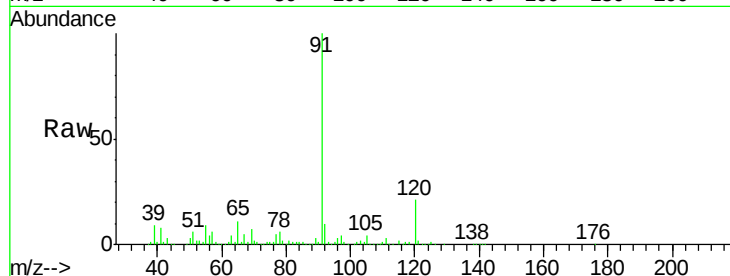
MW-3R(17-20FT)

Tot Ion: 91 Resp: 613182

Ion Ratio Lower Upper

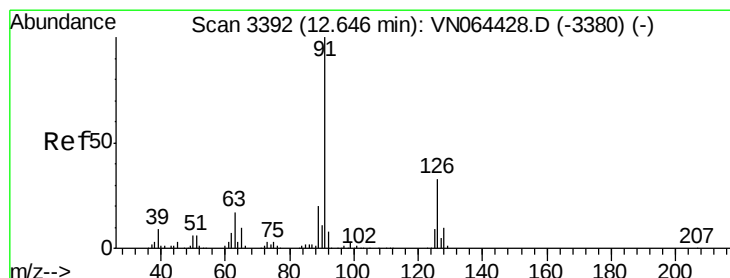
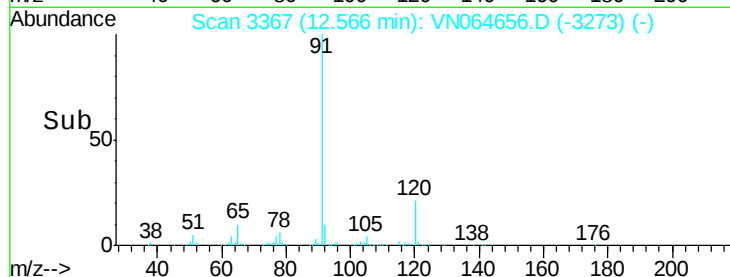
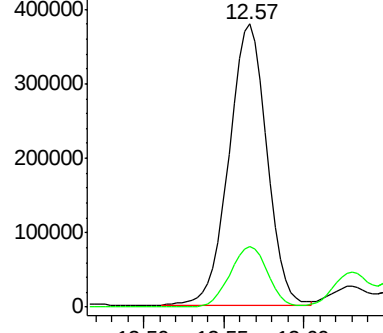
91 100

120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 2.883 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.06 min

Lab File: VN064656.D

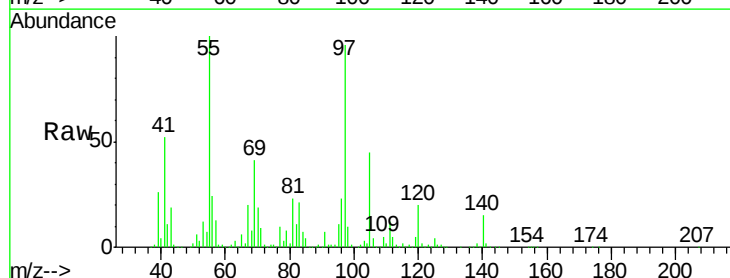
Acq: 16 Nov 2020 12:26

Tgt Ion: 91 Resp: 44631

Ion Ratio Lower Upper

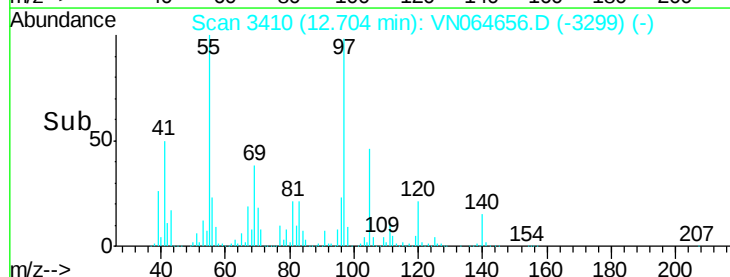
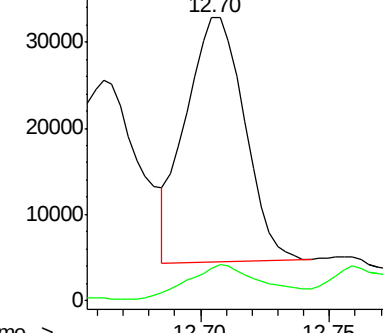
91 100

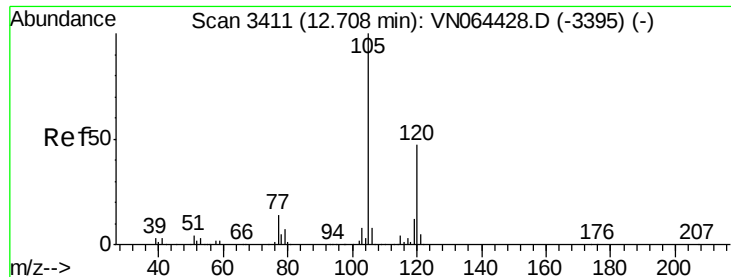
126 17.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

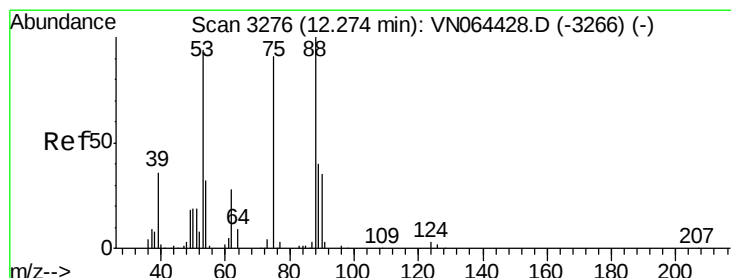
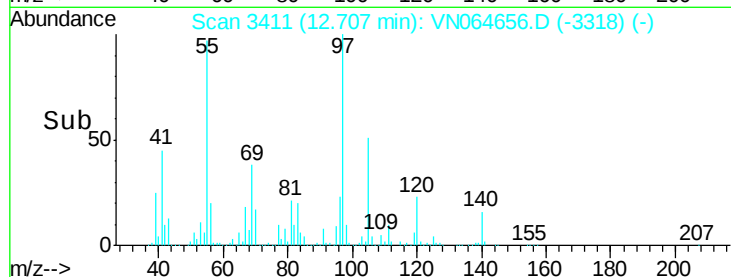
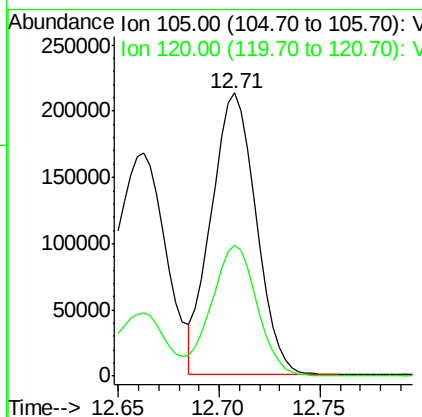
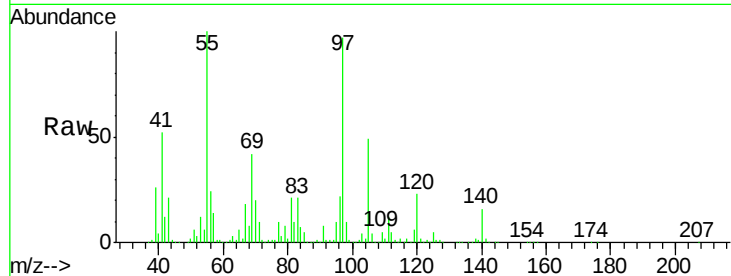




#80
 1,3,5-Trimethylbenzene
 Concen: 18.590 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

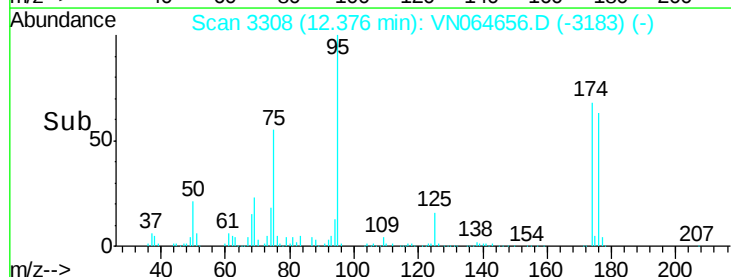
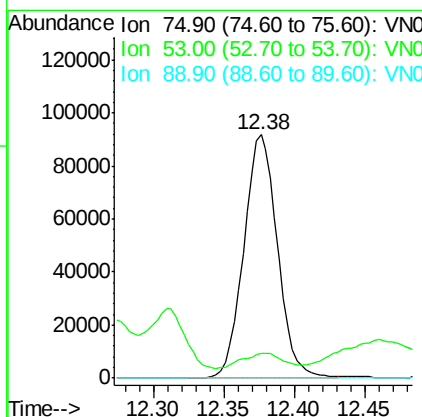
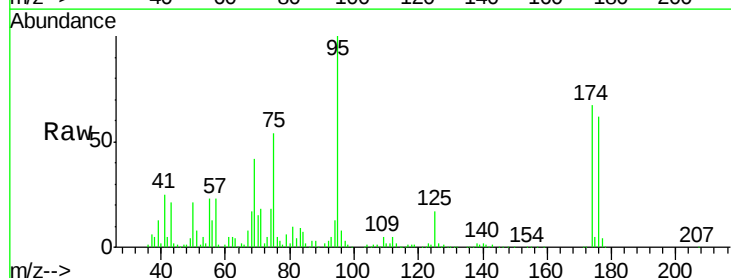
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

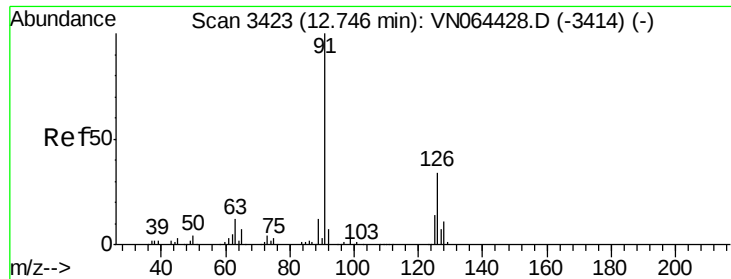
Tot Ion:105 Resp: 328308
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.542 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Tgt Ion: 75 Resp: 153188
 Ion Ratio Lower Upper
 75 100
 53 7.3 84.0 126.0#
 89 0.0 36.3 54.5#

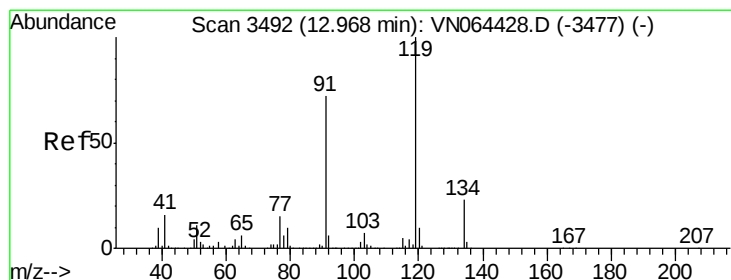
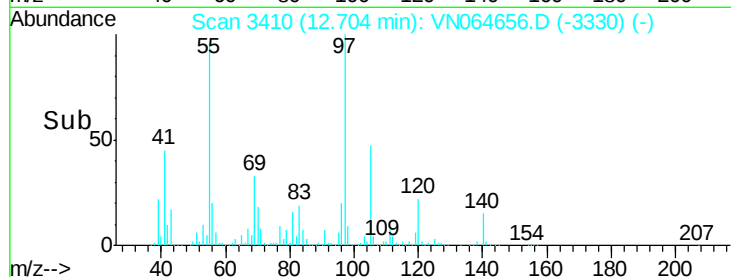
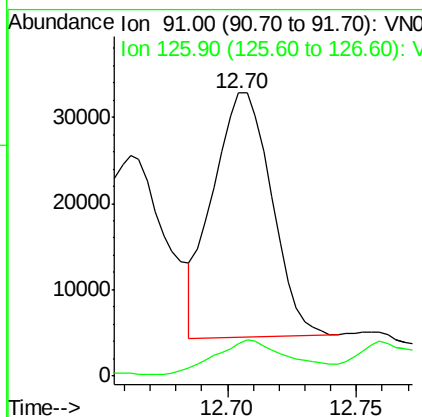
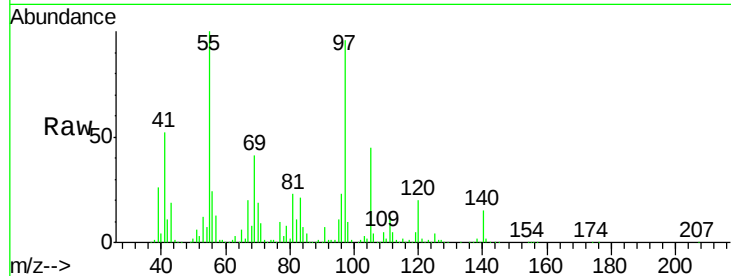




#82
4-Chlorotoluene
Concen: 2.761 ug/l
RT: 12.70 min Scan# 3410
Delta R.T. -0.04 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

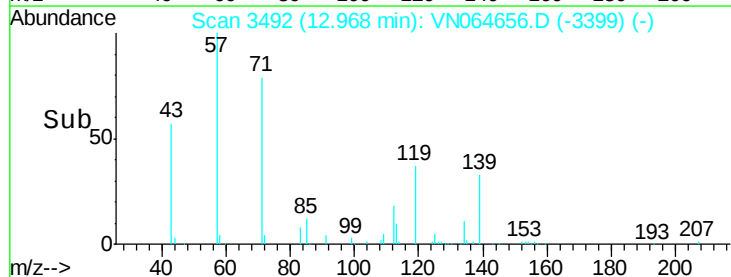
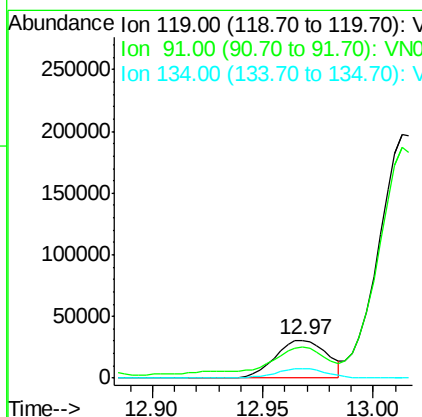
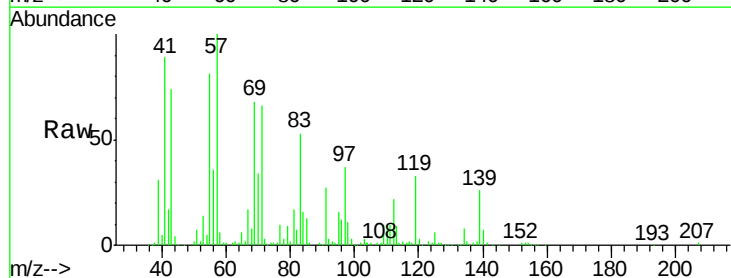
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

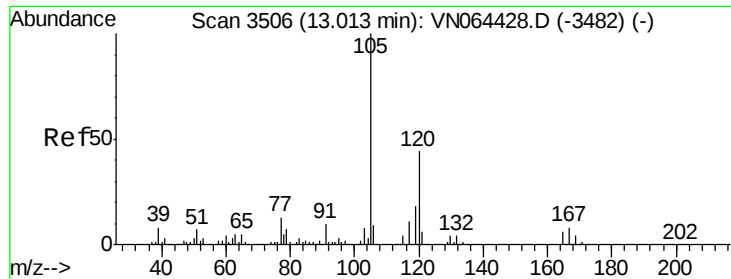
Tot Ion: 91 Resp: 44761
Ion Ratio Lower Upper
91 100
126 17.8 15.4 46.2



#83
tert-Butylbenzene
Concen: 3.580 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Tgt Ion: 119 Resp: 49381
Ion Ratio Lower Upper
119 100
91 59.7 36.1 108.3
134 25.4 11.7 35.1

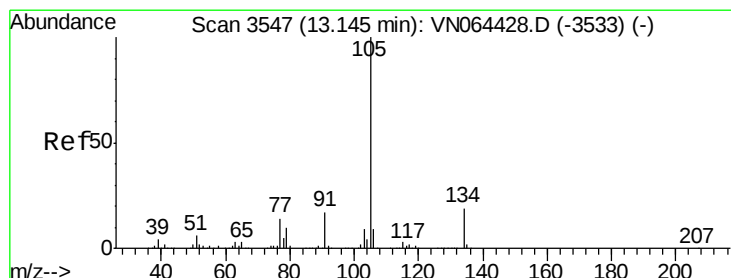
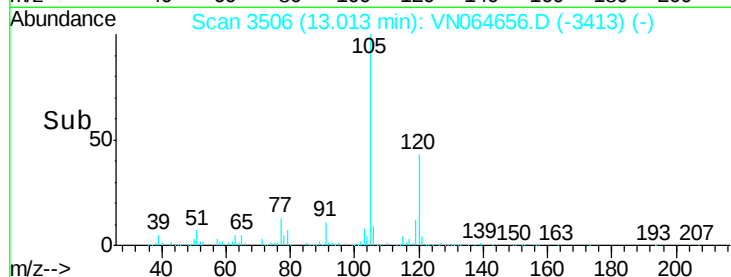
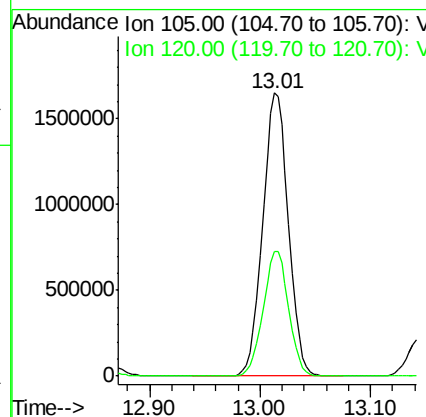
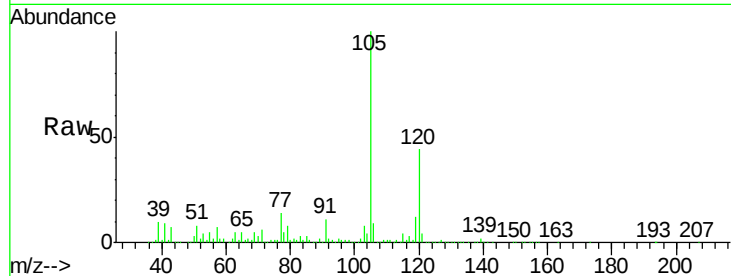




#84
 1,2,4-Trimethylbenzene
 Concen: 149.305 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

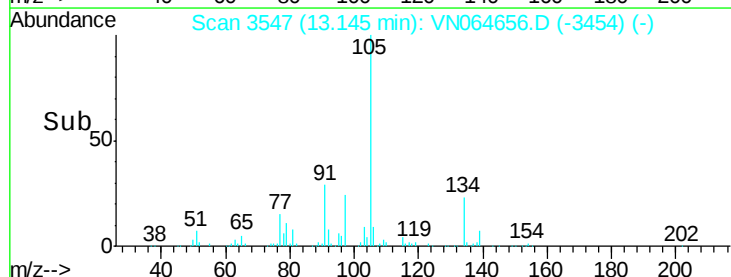
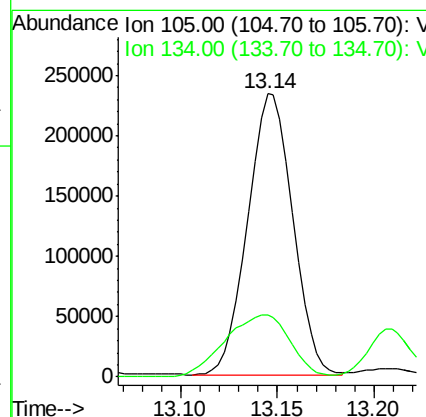
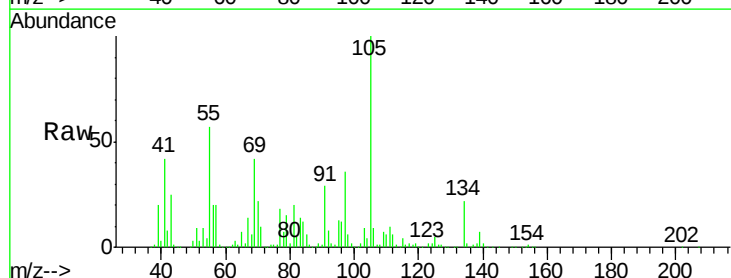
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

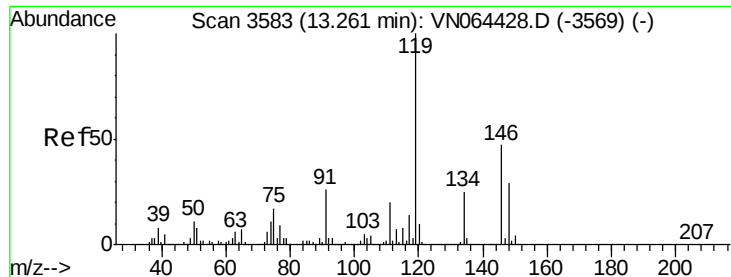
Tot Ion:105 Resp: 2650757
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7



#85
 sec-Butylbenzene
 Concen: 21.560 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Tgt Ion:105 Resp: 376635
 Ion Ratio Lower Upper
 105 100
 134 31.9 9.4 28.2#

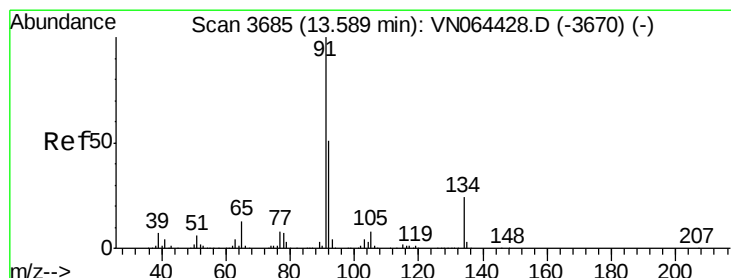
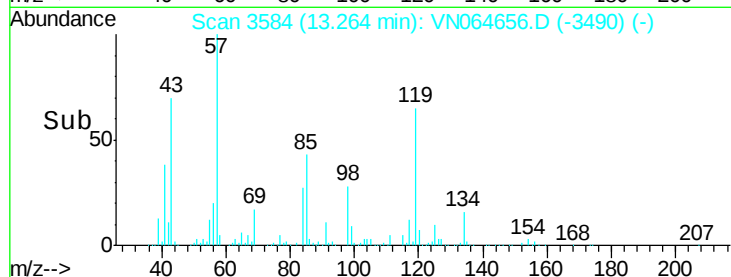
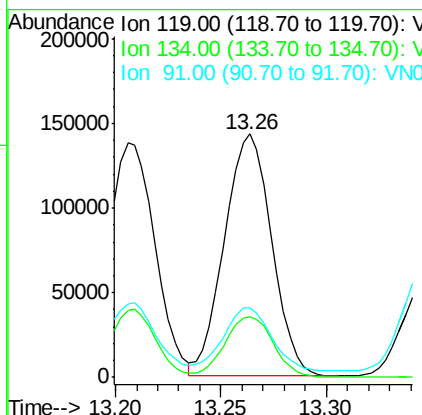
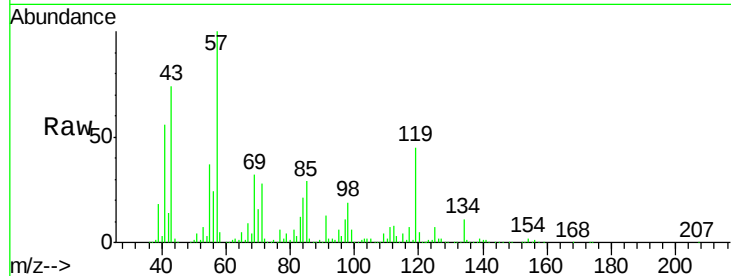




#86
 p-Isopropyltoluene
 Concen: 14.178 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

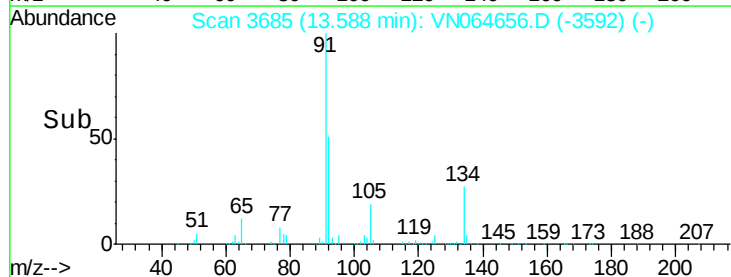
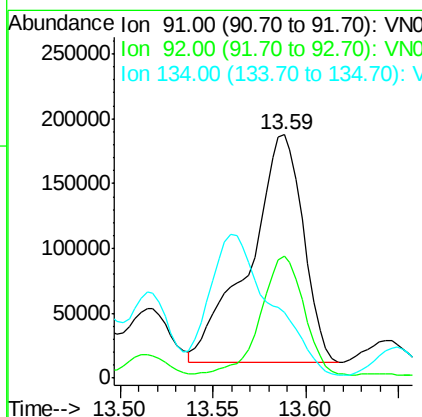
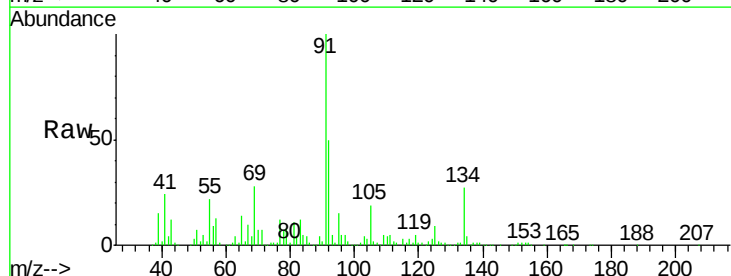
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

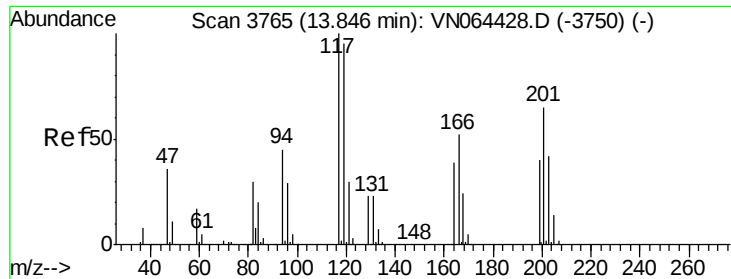
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.6
91	25.8	12.8	38.3



#89
 n-Butylbenzene
 Concen: 26.389 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN064656.D
 Acq: 16 Nov 2020 12:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.1	25.3	75.9
134	0.0	11.8	35.4#





#90

Hexachloroethane

Concen: 19.985 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

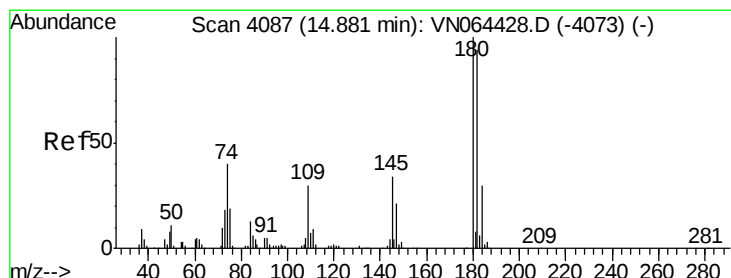
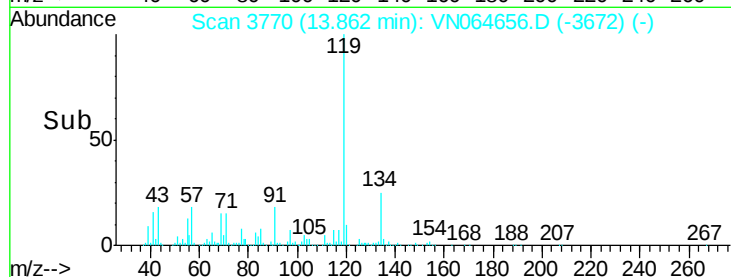
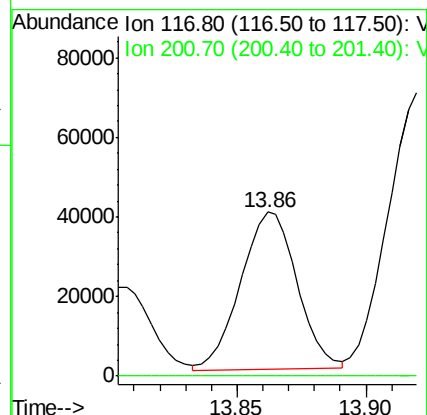
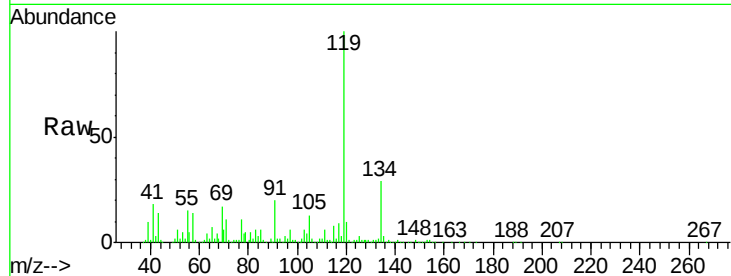
MW-3R(17-20FT)

Tot Ion:117 Resp: 60577

Ion Ratio Lower Upper

117 100

201 0.0 32.5 97.5#



#93

1,2,4-Trichlorobenzene

Concen: 2.815 ug/l

RT: 14.89 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN064656.D

Acq: 16 Nov 2020 12:26

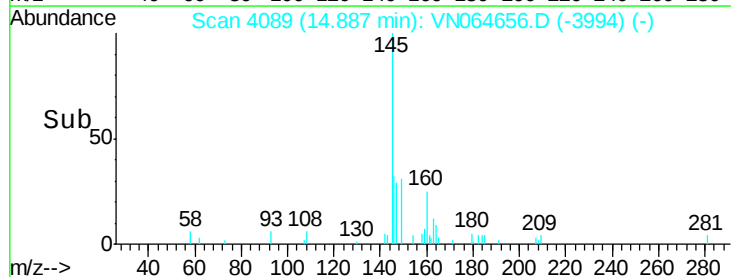
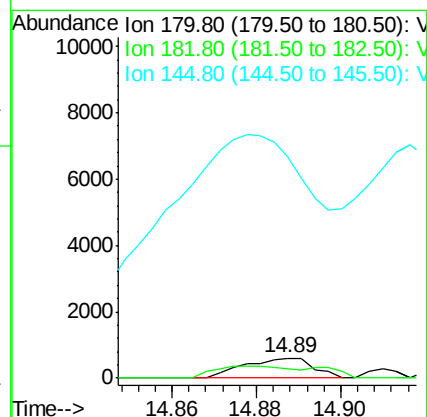
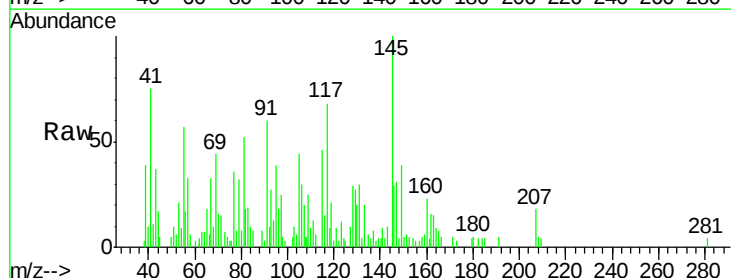
Tgt Ion:180 Resp: 690

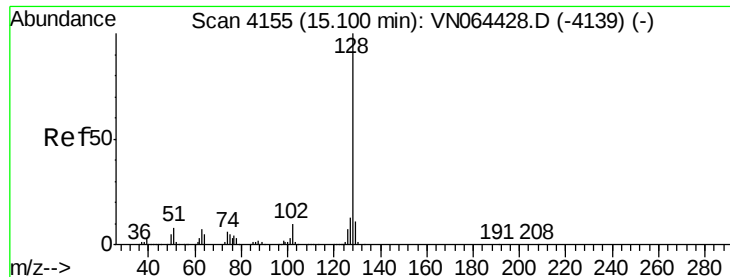
Ion Ratio Lower Upper

180 100

182 67.5 47.3 142.0

145 2585.8 16.7 50.1#

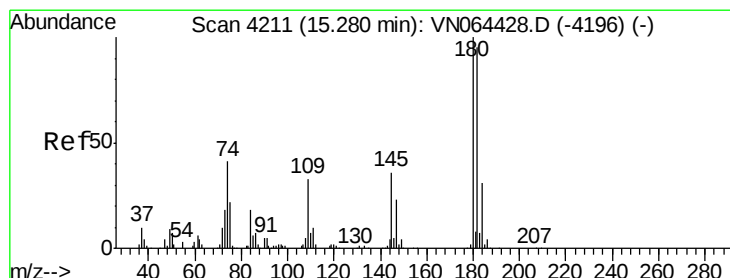
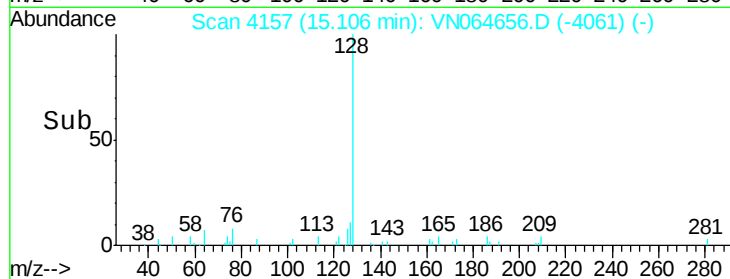
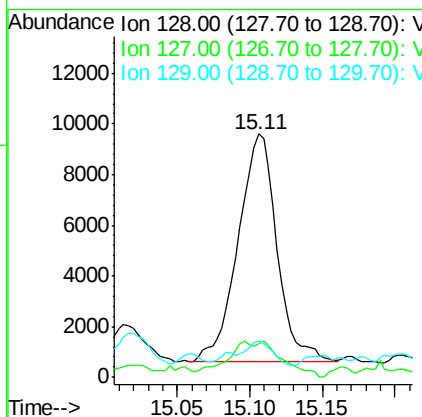
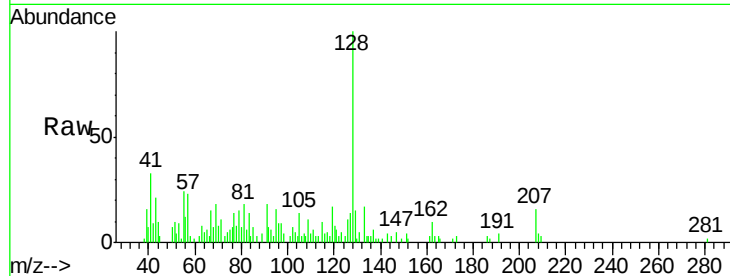




#95
Naphthalene
Concen: 4.683 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

Tot Ion:128 Resp: 16889
Ion Ratio Lower Upper
128 100
127 8.4 10.5 15.7#
129 7.3 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.937 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064656.D
Acq: 16 Nov 2020 12:26

Tgt Ion:180 Resp: 715
Ion Ratio Lower Upper
180 100
182 42.0 47.7 143.1#
145 0.0 18.3 54.8#

